



Pre-Permitting Environmental / Socio-Economic Data Report Series

Report Series F- Groundwater & Surface Water Quality

Report F-3 Mine Area – Seeps 2004-2007

Submitted to the Alaska Department of Natural Resources December 2008

Preliminary data. Do not cite or quote.

The Pebble Partnership is providing environmental and socio-economic baseline data collected to inform the development of the Pebble Project to state and federal agencies, project stakeholders and the general public prior to project permitting as part of its commitment to full and open disclosure.

A comprehensive Environmental Baseline Document (EBD) will subsequently be prepared and appended to future project permit applications. The EBD will also be made publicly available when complete.

Study conducted for the Pebble Limited Partnership by:



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2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| Sample Station ID | Sample Date | Latitude WGS84 | Longitude WGS84 | Temperature (°C) | Specific Conductivity (mS/cm) | Dissolved Oxygen (mg/L) | pH | ORP (mv) | Turbidity (NTU) |
|-------------------|-------------|----------------|-----------------|------------------|-------------------------------|-------------------------|------|----------|-----------------|
| Seep01 | 21/05/2004 | 59.85235 | -155.25435 | 6.58 | 0.081 | 7.83 | 5.45 | 4.00 | 3.10 |
| Seep01 | 16/09/2004 | 59.85235 | -155.25435 | 1.69 | 0.068 | 16.33 | 5.45 | 59.00 | 1.50 |
| Seep02 | 21/05/2004 | 59.86555 | -155.311917 | 9.17 | 0.085 | 7.33 | 5.43 | 19.00 | 0.50 |
| Seep02 | 16/09/2004 | 59.86555 | -155.311917 | 6.10 | 0.271 | 10.47 | 6.88 | 46.00 | 1.70 |
| Seep03 | 22/05/2004 | 59.87216667 | -155.307866 | 14.38 | 0.115 | 6.54 | 5.83 | 26.00 | 0.20 |
| Seep04 | 22/05/2004 | 59.89185 | -155.3286333 | 15.29 | 0.104 | 7.24 | 6.45 | -61.00 | 0.00 |
| Seep04 | 16/09/2004 | 59.89185 | -155.3286333 | 5.20 | 0.087 | 11.15 | 5.94 | 37.00 | 2.00 |
| Seep06 | 21/05/2004 | 59.89945 | -155.2376167 | 7.30 | 0.103 | 7.97 | 5.83 | -7.00 | 5.50 |
| Seep08 | 22/05/2004 | 59.9179 | -155.271083 | 10.26 | 0.163 | 8.66 | 6.62 | -16.00 | 2.10 |
| Seep08 | 17/09/2004 | 59.9179 | -155.271083 | 1.57 | 0.217 | 11.94 | 6.64 | -22.00 | 1.20 |
| Seep09 | 22/05/2004 | 59.906067 | -155.498317 | 10.01 | 0.122 | 8.76 | 4.68 | -65.00 | 4.50 |
| Seep09 | 17/09/2004 | 59.906067 | -155.498317 | 3.57 | 0.107 | 10.88 | 6.32 | -17.00 | 1.70 |
| Seep10 | 17/09/2004 | 59.81516667 | -155.4266667 | 9.52 | 0.106 | 10.61 | 5.88 | -21.00 | 0.00 |
| Seep11 | 17/09/2004 | 59.908 | -155.2876667 | 4.83 | 0.234 | 10.98 | 7.02 | 7.00 | 1.70 |
| SP0105 | 20/07/2005 | 59.87684037 | -155.2406038 | 1.67 | 0.03 | 12.59 | 6.37 | 299.60 | 0.19 |
| SP0105 | 22/08/2005 | 59.87684037 | -155.2406038 | 1.61 | 0.034 | 12.74 | 5.95 | 229.00 | 0.30 |
| SP0105 | 07/10/2005 | 59.87684037 | -155.2406038 | 1.87 | 0.027 | 12.51 | 5.57 | 227.10 | 0.18 |
| SP0105 | 27/06/2006 | 59.87684037 | -155.2406038 | 1.73 | 0.028 | 10.94 | 6.15 | 87.80 | 0.09 |
| SP0105 | 27/08/2006 | 59.87684037 | -155.2406038 | 1.69 | 0.027 | 8.76 | 7.25 | 173.90 | 0.04 |
| SP0105 | 04/10/2006 | 59.87684037 | -155.2406038 | 1.71 | 0.029 | 12.35 | 6.53 | 234.20 | 0.06 |
| SP0105 | 06/08/2007 | 59.87684037 | -155.2406038 | 1.94 | 0.04 | 11.81 | 6.77 | 38.60 | 0.52 |
| SP0105 | 06/09/2007 | 59.87684037 | -155.2406038 | 1.77 | 0.044 | 11.23 | 6.36 | 208.10 | 0.10 |
| SP0105 | 26/10/2007 | 59.87684037 | -155.2406038 | 1.60 | 0.031 | 8.79 | 7.03 | 122.90 | 0.13 |
| SP0205 | 19/07/2005 | 59.87060104 | -155.2130749 | 1.71 | 0.032 | 4.53 | 6.79 | -112.60 | 0.26 |
| SP0205 | 19/07/2005 | 59.87060104 | -155.2130749 | 1.71 | 0.032 | 4.53 | 6.79 | -112.60 | 0.26 |
| SP0205 | 22/08/2005 | 59.87060104 | -155.2130749 | 1.77 | 0.035 | 12.38 | 6.06 | 235.70 | 0.16 |
| SP0205 | 22/08/2005 | 59.87060104 | -155.2130749 | 1.77 | 0.035 | 12.38 | 6.06 | 235.70 | 0.16 |
| SP0205 | 07/10/2005 | 59.87060104 | -155.2130749 | 1.77 | 0.034 | 13.35 | 5.60 | 268.30 | 0.11 |
| SP0205 | 16/03/2006 | 59.87060104 | -155.2130749 | 1.78 | 0.038 | 9.59 | 6.85 | -78.70 | 0.56 |
| SP0205 | 16/03/2006 | 59.87060104 | -155.2130749 | 1.78 | 0.038 | 9.59 | 6.85 | -78.70 | 0.56 |
| SP0205 | 28/06/2006 | 59.87060104 | -155.2130749 | 1.84 | 0.038 | 9.74 | 6.57 | -31.20 | 0.21 |
| SP0205 | 27/08/2006 | 59.87060104 | -155.2130749 | 1.87 | 0.034 | 8.86 | 6.31 | 185.20 | 0.05 |
| SP0205 | 27/08/2006 | 59.87060104 | -155.2130749 | 1.87 | 0.034 | 8.86 | 6.31 | 185.20 | 0.05 |
| SP0205 | 03/10/2006 | 59.87060104 | -155.2130749 | 1.92 | 0.035 | 10.16 | 5.75 | 225.50 | 0.06 |
| SP0205 | 25/05/2007 | 59.87060104 | -155.2130749 | 1.96 | 0.039 | 12.40 | 6.68 | 134.80 | 0.08 |
| SP0205 | 03/08/2007 | 59.87060104 | -155.2130749 | 1.96 | 0.043 | 9.16 | 7.08 | 54.20 | 1.27 |
| SP0205 | 06/09/2007 | 59.87060104 | -155.2130749 | 1.97 | 0.034 | 10.46 | 6.39 | 187.10 | 0.08 |
| SP0205 | 26/10/2007 | 59.87060104 | -155.2130749 | 1.89 | 0.035 | 8.16 | 6.04 | 192.20 | 0.05 |
| SP0305 | 19/07/2005 | 59.86774399 | -155.1968352 | 2.86 | 0.047 | 5.31 | 7.09 | -120.00 | 0.21 |
| SP0305 | 22/08/2005 | 59.86774399 | -155.1968352 | 2.92 | 0.046 | 11.62 | 5.76 | 235.60 | 0.09 |
| SP0305 | 07/10/2005 | 59.86774399 | -155.1968352 | 2.84 | 0.047 | 10.72 | 5.70 | 239.00 | 0.13 |
| SP0305 | 27/06/2006 | 59.86774399 | -155.1968352 | 2.92 | 0.048 | 10.14 | 6.42 | -49.90 | 0.16 |
| SP0305 | 27/08/2006 | 59.86774399 | -155.1968352 | 2.83 | 0.046 | 7.92 | 5.89 | 165.90 | 0.07 |
| SP0305 | 03/10/2006 | 59.86774399 | -155.1968352 | 2.86 | 0.045 | 10.91 | 6.11 | 220.60 | 0.08 |
| SP0305 | 23/05/2007 | 59.86774399 | -155.1968352 | 2.85 | 0.044 | 12.88 | 5.54 | 235.70 | 0.63 |
| SP0305 | 03/08/2007 | 59.86774399 | -155.1968352 | 2.92 | 0.052 | 8.96 | 6.55 | 57.70 | 0.26 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP0305 | 08/09/2007 | 59.86774399 | -155.1968352 | 3.04 | 0.045 | 9.25 | 5.67 | 191.90 | 0.11 |
| SP0305 | 26/10/2007 | 59.86774399 | -155.1968352 | 2.82 | 0.048 | 9.80 | 5.83 | 228.20 | 0.05 |
| SP0405 | 21/07/2005 | 59.8673549 | -155.1792384 | 5.06 | 0.049 | 12.22 | 6.47 | 309.60 | 0.69 |
| SP0405 | 22/08/2005 | 59.8673549 | -155.1792384 | 6.27 | 0.043 | 7.88 | 6.37 | 186.10 | 0.52 |
| SP0405 | 07/10/2005 | 59.8673549 | -155.1792384 | 3.87 | 0.033 | 11.89 | 6.12 | 215.50 | 0.26 |
| SP0405 | 27/06/2006 | 59.8673549 | -155.1792384 | 4.26 | 0.047 | 9.81 | 7.02 | -81.80 | 0.16 |
| SP0405 | 27/08/2006 | 59.8673549 | -155.1792384 | 3.61 | 0.024 | 8.19 | 6.43 | 169.70 | 0.07 |
| SP0405 | 03/10/2006 | 59.8673549 | -155.1792384 | 3.68 | 0.047 | 10.23 | 6.55 | 191.00 | 0.23 |
| SP0405 | 03/08/2007 | 59.8673549 | -155.1792384 | 4.62 | 0.059 | 7.99 | 6.87 | 44.70 | 0.18 |
| SP0405 | 06/09/2007 | 59.8673549 | -155.1792384 | 4.17 | 0.047 | 10.00 | 7.05 | 167.60 | 0.17 |
| SP0405 | 26/10/2007 | 59.8673549 | -155.1792384 | 2.42 | 0.044 | 10.24 | 6.16 | 224.80 | 0.07 |
| SP0505 | 20/07/2005 | 59.850001 | -155.217452 | 6.26 | 0.04 | 10.38 | 6.64 | 285.50 | 0.08 |
| SP0605 | 21/07/2005 | 59.8491013 | -155.1689538 | 9.18 | 0.06 | 10.11 | 8.06 | 171.70 | 5.05 |
| SP0605 | 22/08/2005 | 59.8491013 | -155.1689538 | 7.11 | 0.104 | 6.34 | 6.31 | 124.20 | 4.38 |
| SP0605 | 07/10/2005 | 59.8491013 | -155.1689538 | 5.49 | 0.091 | 10.06 | 6.29 | 193.10 | 0.21 |
| SP0605 | 16/03/2006 | 59.8491013 | -155.1689538 | 0.55 | 0.128 | 9.41 | 7.24 | 158.30 | 3.98 |
| SP0605 | 30/06/2006 | 59.8491013 | -155.1689538 | 4.05 | 0.07 | 7.14 | 6.37 | 31.50 | 0.27 |
| SP0605 | 27/08/2006 | 59.8491013 | -155.1689538 | 5.63 | 0.063 | 6.73 | 6.40 | 137.90 | 0.09 |
| SP0605 | 06/10/2006 | 59.8491013 | -155.1689538 | 4.83 | 0.076 | 7.64 | 6.17 | 52.70 | 0.22 |
| SP0605 | 23/05/2007 | 59.8491013 | -155.1689538 | 3.13 | 0.054 | 11.48 | 6.13 | 144.70 | 0.11 |
| SP0605 | 03/08/2007 | 59.8491013 | -155.1689538 | 6.79 | 0.127 | 6.97 | 6.51 | 47.10 | 0.13 |
| SP0605 | 06/09/2007 | 59.8491013 | -155.1689538 | 7.14 | 0.108 | 8.33 | 6.69 | 189.50 | 0.15 |
| SP0605 | 25/10/2007 | 59.8491013 | -155.1689538 | 2.85 | 0.073 | 10.30 | 6.88 | 176.80 | 0.18 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|-------|-------|------|---------|------|
| SP0705 | 19/07/2005 | 59.84107026 | -155.2054169 | 2.97 | 0.061 | 4.61 | 7.30 | -144.40 | 0.21 |
| SP0705 | 19/07/2005 | 59.84107026 | -155.2054169 | 2.97 | 0.061 | 4.61 | 7.30 | -144.40 | 0.21 |
| SP0705 | 23/08/2005 | 59.84107026 | -155.2054169 | 2.98 | 0.057 | 12.45 | 7.07 | 145.20 | 0.12 |
| SP0705 | 23/08/2005 | 59.84107026 | -155.2054169 | 2.98 | 0.057 | 12.45 | 7.07 | 145.20 | 0.12 |
| SP0705 | 07/10/2005 | 59.84107026 | -155.2054169 | 2.99 | 0.059 | 11.78 | 7.08 | 204.50 | 0.51 |
| SP0705 | 07/10/2005 | 59.84107026 | -155.2054169 | 2.99 | 0.059 | 11.78 | 7.08 | 204.50 | 0.51 |
| SP0705 | 27/06/2006 | 59.84107026 | -155.2054169 | 3.11 | 0.062 | 10.07 | 7.07 | -90.80 | |
| SP0705 | 27/06/2006 | 59.84107026 | -155.2054169 | 3.11 | 0.062 | 10.07 | 7.07 | -90.80 | |
| SP0705 | 28/06/2006 | 59.84107026 | -155.2054169 | 3.10 | 0.062 | 9.63 | 6.90 | 102.80 | 0.05 |
| SP0705 | 27/08/2006 | 59.84107026 | -155.2054169 | 3.24 | 0.059 | 7.92 | 6.88 | 108.10 | 0.09 |
| SP0705 | 27/08/2006 | 59.84107026 | -155.2054169 | 3.24 | 0.059 | 7.92 | 6.88 | 108.10 | 0.09 |
| SP0705 | 02/10/2006 | 59.84107026 | -155.2054169 | 3.13 | 0.057 | 9.83 | 6.72 | 211.10 | 0.09 |
| SP0705 | 02/10/2006 | 59.84107026 | -155.2054169 | 3.13 | 0.057 | 9.83 | 6.72 | 211.10 | 0.09 |
| SP0705 | 25/05/2007 | 59.84107026 | -155.2054169 | 3.14 | 0.063 | 12.50 | 7.30 | 105.50 | 0.19 |
| SP0705 | 25/05/2007 | 59.84107026 | -155.2054169 | 3.14 | 0.063 | 12.50 | 7.30 | 105.50 | 0.19 |
| SP0705 | 03/08/2007 | 59.84107026 | -155.2054169 | 3.59 | 0.069 | 8.75 | 7.13 | 37.10 | 0.08 |
| SP0705 | 03/08/2007 | 59.84107026 | -155.2054169 | 3.59 | 0.069 | 8.75 | 7.13 | 37.10 | 0.08 |
| SP0705 | 06/09/2007 | 59.84107026 | -155.2054169 | 3.80 | 0.062 | 9.67 | 7.22 | 146.70 | 0.17 |
| SP0705 | 06/09/2007 | 59.84107026 | -155.2054169 | 3.80 | 0.062 | 9.67 | 7.22 | 146.70 | 0.17 |
| SP0705 | 25/10/2007 | 59.84107026 | -155.2054169 | 3.08 | 0.06 | 11.90 | 7.50 | 209.60 | 0.08 |
| SP0705 | 25/10/2007 | 59.84107026 | -155.2054169 | 3.08 | 0.06 | 11.90 | 7.50 | 209.60 | 0.08 |
| SP0805 | 21/07/2005 | 59.8409255 | -155.2619317 | 3.86 | 0.022 | 12.16 | 6.13 | 299.80 | 0.62 |
| SP0805 | 23/08/2005 | 59.8409255 | -155.2619317 | 4.05 | 0.021 | 11.24 | 5.47 | 173.20 | 0.36 |
| SP0805 | 07/10/2005 | 59.8409255 | -155.2619317 | 3.62 | 0.018 | 11.05 | 5.88 | 234.40 | 2.63 |
| SP0805 | 27/06/2006 | 59.8409255 | -155.2619317 | 2.57 | 0.023 | 9.54 | 6.45 | -88.10 | 0.88 |
| SP0805 | 27/08/2006 | 59.8409255 | -155.2619317 | 2.86 | 0.02 | 7.64 | 5.87 | | 0.06 |
| SP0805 | 03/10/2006 | 59.8409255 | -155.2619317 | 3.17 | 0.022 | 9.62 | 6.29 | 188.10 | 0.06 |
| SP0805 | 06/08/2007 | 59.8409255 | -155.2619317 | 2.97 | 0.018 | 11.06 | 6.86 | 39.10 | 0.18 |
| SP0805 | 08/09/2007 | 59.8409255 | -155.2619317 | 3.47 | 0.018 | 9.15 | 5.68 | 322.70 | 0.13 |
| SP0805 | 26/10/2007 | 59.8409255 | -155.2619317 | 2.44 | 0.023 | 7.23 | 6.10 | 167.10 | 0.13 |
| SP0905 | 19/07/2005 | 59.82186992 | -155.2058299 | 2.88 | 0.065 | 4.31 | 7.24 | -103.50 | 0.19 |
| SP0905 | 22/08/2005 | 59.82186992 | -155.2058299 | 2.94 | 0.065 | 12.34 | 7.15 | 165.50 | 0.42 |
| SP0905 | 06/10/2005 | 59.82186992 | -155.2058299 | 3.10 | 0.06 | 10.35 | 7.08 | 228.20 | 0.33 |
| SP0905 | 29/06/2006 | 59.82186992 | -155.2058299 | 2.91 | 0.064 | 11.14 | 7.10 | -66.50 | 0.15 |
| SP0905 | 28/08/2006 | 59.82186992 | -155.2058299 | 2.84 | 0.059 | 9.22 | 7.07 | 154.00 | 0.09 |
| SP0905 | 02/10/2006 | 59.82186992 | -155.2058299 | 2.99 | 0.058 | 9.44 | 6.70 | 198.20 | 0.07 |
| SP0905 | 27/03/2007 | 59.82186992 | -155.2058299 | 2.53 | 0.068 | 9.77 | 7.35 | 160.20 | 1.06 |
| SP0905 | 25/05/2007 | 59.82186992 | -155.2058299 | 2.97 | 0.069 | 12.99 | 7.36 | 96.60 | 0.19 |
| SP0905 | 03/08/2007 | 59.82186992 | -155.2058299 | 2.94 | 0.079 | 9.07 | 7.33 | 37.60 | 0.18 |
| SP0905 | 06/09/2007 | 59.82186992 | -155.2058299 | 2.92 | 0.066 | 10.48 | 6.94 | 187.90 | 0.06 |
| SP0905 | 25/10/2007 | 59.82186992 | -155.2058299 | 2.84 | 0.046 | 12.22 | 7.51 | 215.50 | 0.29 |
| SP100 | 07/08/2007 | 59.84892419 | -155.5847349 | 2.61 | 0.036 | 11.66 | 5.58 | 180.20 | 0.06 |
| SP100 | 05/09/2007 | 59.84892419 | -155.5847349 | 2.57 | 0.021 | 9.21 | 6.11 | 144.20 | 0.08 |
| SP100 | 27/10/2007 | 59.84892419 | -155.5847349 | 3.08 | 0.049 | 8.82 | 6.10 | 149.60 | 0.07 |
| SP1005 | 20/07/2005 | 59.8122107 | -155.2270063 | 3.47 | 0.085 | 9.91 | 6.75 | 280.90 | 0.23 |
| SP1005 | 23/08/2005 | 59.8122107 | -155.2270063 | 3.46 | 0.084 | 10.20 | 6.75 | 153.50 | 0.18 |
| SP1005 | 05/10/2005 | 59.8122107 | -155.2270063 | 3.48 | 0.082 | 8.88 | 6.65 | 227.20 | 0.21 |
| SP1005 | 29/06/2006 | 59.8122107 | -155.2270063 | 3.41 | 0.079 | 9.19 | 6.74 | -90.50 | 0.19 |
| SP1005 | 28/08/2006 | 59.8122107 | -155.2270063 | 3.55 | 0.084 | 7.60 | 7.10 | 132.80 | 0.04 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP1005 | 05/10/2006 | 59.8122107 | -155.2270063 | 3.51 | 0.081 | 8.02 | 7.31 | 211.20 | 0.23 |
| SP1005 | 25/03/2007 | 59.8122107 | -155.2270063 | 3.45 | 0.086 | 10.10 | 7.03 | 135.90 | 0.10 |
| SP1005 | 25/05/2007 | 59.8122107 | -155.2270063 | 3.52 | 0.086 | 11.08 | 6.90 | 103.70 | 0.10 |
| SP1005 | 03/08/2007 | 59.8122107 | -155.2270063 | 3.60 | 0.097 | 7.53 | 7.47 | 37.50 | 0.12 |
| SP1005 | 07/09/2007 | 59.8122107 | -155.2270063 | 3.61 | 0.087 | 8.79 | 6.96 | 223.40 | 0.15 |
| SP1005 | 25/10/2007 | 59.8122107 | -155.2270063 | 3.49 | 0.063 | 10.12 | 7.31 | 171.70 | 0.13 |
| SP101 | 07/08/2007 | 59.82204485 | -155.5320211 | 3.22 | 0.016 | 12.11 | 5.98 | 243.50 | 0.14 |
| SP101 | 04/09/2007 | 59.82204485 | -155.5320211 | 3.61 | 0.018 | 10.12 | 5.06 | 117.00 | 0.12 |
| SP101 | 27/10/2007 | 59.82204485 | -155.5320211 | 3.53 | 0.018 | 8.20 | 5.48 | 173.80 | 0.06 |
| SP102 | 07/08/2007 | 59.80119444 | -155.5501647 | 2.49 | 0.027 | 13.36 | 6.62 | 218.40 | 0.08 |
| SP102 | 05/09/2007 | 59.80119444 | -155.5501647 | 2.88 | 0.03 | 10.46 | 6.32 | 146.90 | 0.09 |
| SP102 | 28/10/2007 | 59.80119444 | -155.5501647 | 3.02 | 0.028 | 10.74 | 6.38 | 125.80 | 0.12 |
| SP103 | 08/08/2007 | 59.82124488 | -155.6064053 | 3.33 | 0.028 | 10.24 | 6.93 | 182.20 | 0.13 |
| SP103 | 08/08/2007 | 59.82124488 | -155.6064053 | 3.33 | 0.028 | 10.24 | 6.93 | 182.20 | 0.13 |
| SP103 | 05/09/2007 | 59.82124488 | -155.6064053 | 3.58 | 0.028 | 9.71 | 6.24 | 176.70 | 0.10 |
| SP103 | 28/10/2007 | 59.82124488 | -155.6064053 | 2.46 | 0.03 | 9.94 | 6.04 | 123.10 | 0.11 |
| SP103 | 28/10/2007 | 59.82124488 | -155.6064053 | 2.46 | 0.03 | 9.94 | 6.04 | 123.10 | 0.11 |
| SP104 | 08/08/2007 | 59.84432923 | -155.4770946 | 8.13 | 0.007 | 9.18 | 6.26 | 199.80 | 0.11 |
| SP104 | 05/09/2007 | 59.84432923 | -155.4770946 | 5.37 | 0.009 | 9.25 | 4.67 | 194.20 | 0.08 |
| SP104 | 28/10/2007 | 59.84432923 | -155.4770946 | 2.78 | 0.009 | 10.42 | 5.26 | 174.80 | 0.24 |
| SP105 | 08/08/2007 | 59.91911072 | -155.3566846 | 2.91 | 0.048 | 10.67 | 6.65 | 164.90 | 0.38 |
| SP105 | 05/09/2007 | 59.91911072 | -155.3566846 | 2.67 | 0.05 | 9.88 | 6.56 | 139.30 | 0.08 |
| SP105 | 21/10/2007 | 59.91911072 | -155.3566846 | 2.59 | 0.049 | 10.08 | 6.36 | 285.60 | 0.19 |
| SP106 | 08/08/2007 | 59.93926509 | -155.3663584 | 4.33 | 0.039 | 7.60 | 6.40 | 138.50 | 0.28 |
| SP106 | 05/09/2007 | 59.93926509 | -155.3663584 | 4.57 | 0.044 | 6.73 | 5.93 | 141.70 | 0.16 |
| SP106 | 21/10/2007 | 59.93926509 | -155.3663584 | 5.36 | 0.044 | 7.33 | 6.46 | 271.20 | 0.08 |
| SP107 | 08/08/2007 | 59.92683959 | -155.3781936 | 2.92 | 0.035 | 10.33 | 6.44 | 181.20 | 0.17 |
| SP107 | 05/09/2007 | 59.92683959 | -155.3781936 | 2.84 | 0.036 | 9.80 | 6.55 | 176.80 | 0.07 |
| SP107 | 21/10/2007 | 59.92683959 | -155.3781936 | 2.87 | 0.035 | 9.65 | 6.39 | 274.30 | 0.06 |
| SP108 | 08/08/2007 | 59.89587676 | -155.2490497 | 3.88 | 0.087 | 9.74 | 6.97 | 110.00 | 0.27 |
| SP108 | 08/09/2007 | 59.89587676 | -155.2490497 | 4.78 | 0.046 | 8.20 | 6.99 | 160.70 | 0.19 |
| SP108 | 26/10/2007 | 59.89587676 | -155.2490497 | 3.47 | 0.081 | 6.73 | 6.89 | 163.50 | 0.15 |
| SP109 | 09/08/2007 | 59.8189065 | -155.1897623 | 3.98 | 0.062 | 8.90 | 7.25 | 150.10 | 1.09 |
| SP109 | 07/09/2007 | 59.8189065 | -155.1897623 | 3.81 | 0.067 | 9.43 | 6.70 | 181.70 | 0.08 |
| SP109 | 24/10/2007 | 59.8189065 | -155.1897623 | 3.28 | 0.068 | 6.95 | 6.86 | 188.70 | 0.07 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|-------|-------|------|---------|------|
| SP110 | 09/08/2007 | 59.81742784 | -155.2425844 | 4.42 | 0.058 | 10.59 | 7.29 | 43.60 | 1.48 |
| SP110 | 07/09/2007 | 59.81742784 | -155.2425844 | 3.70 | 0.067 | 10.65 | 6.73 | 198.00 | 0.12 |
| SP110 | 25/10/2007 | 59.81742784 | -155.2425844 | 3.11 | 0.065 | 12.39 | 7.02 | 220.60 | 0.12 |
| SP110 | 25/10/2007 | 59.81742784 | -155.2425844 | 3.11 | 0.065 | 12.39 | 7.02 | 220.60 | 0.12 |
| SP1105 | 20/07/2005 | 59.80587473 | -155.2266575 | 3.08 | 0.075 | 11.09 | 7.79 | 209.50 | 1.14 |
| SP1105 | 21/08/2005 | 59.80587473 | -155.2266575 | 3.05 | 0.075 | 8.55 | 8.04 | 156.40 | 0.23 |
| SP1105 | 05/10/2005 | 59.80587473 | -155.2266575 | 3.13 | 0.071 | 9.95 | 7.99 | 202.80 | 0.39 |
| SP1105 | 16/03/2006 | 59.80587473 | -155.2266575 | 3.06 | 0.074 | 9.21 | 7.74 | -183.30 | 0.13 |
| SP1105 | 29/06/2006 | 59.80587473 | -155.2266575 | 3.12 | 0.07 | 10.26 | 7.44 | -101.90 | 0.33 |
| SP1105 | 26/08/2006 | 59.80587473 | -155.2266575 | 3.10 | 0.041 | 10.07 | 7.94 | 136.70 | 0.09 |
| SP1105 | 05/10/2006 | 59.80587473 | -155.2266575 | 3.08 | 0.073 | 8.89 | 8.10 | 212.40 | 0.09 |
| SP1105 | 25/03/2007 | 59.80587473 | -155.2266575 | 3.08 | 0.059 | 10.54 | 7.99 | 153.20 | 0.14 |
| SP1105 | 25/05/2007 | 59.80587473 | -155.2266575 | 3.04 | 0.076 | 11.94 | 7.88 | 74.60 | 1.20 |
| SP1105 | 04/08/2007 | 59.80587473 | -155.2266575 | 3.07 | 0.072 | 10.59 | 7.57 | 217.70 | 0.28 |
| SP1105 | 06/09/2007 | 59.80587473 | -155.2266575 | 3.17 | 0.039 | 9.93 | 7.68 | 154.20 | 0.06 |
| SP1105 | 25/10/2007 | 59.80587473 | -155.2266575 | 3.02 | 0.066 | 10.84 | 7.78 | 167.70 | 0.07 |
| SP111 | 09/08/2007 | 59.77007202 | -155.3712745 | 1.93 | 0.082 | 11.24 | 6.78 | 79.60 | 0.45 |
| SP111 | 05/09/2007 | 59.77007202 | -155.3712745 | 2.04 | 0.05 | 10.82 | 6.58 | 155.50 | 0.94 |
| SP111 | 28/10/2007 | 59.77007202 | -155.3712745 | 1.47 | 0.088 | 11.01 | 6.67 | 124.80 | 0.19 |
| SP112 | 09/08/2007 | 59.78391607 | -155.4128801 | 1.88 | 0.052 | 10.89 | 7.04 | 66.00 | 0.09 |
| SP112 | 09/08/2007 | 59.78391607 | -155.4128801 | 1.88 | 0.052 | 10.89 | 7.04 | 66.00 | 0.09 |
| SP112 | 05/09/2007 | 59.78391607 | -155.4128801 | 2.22 | 0.048 | 10.53 | 6.75 | 132.10 | 0.06 |
| SP112 | 28/10/2007 | 59.78391607 | -155.4128801 | 2.30 | 0.054 | 9.66 | 6.78 | 115.40 | 0.18 |
| SP113 | 09/08/2007 | 59.90639999 | -155.3964666 | 5.15 | 0.031 | 10.23 | 6.25 | 134.30 | 0.28 |
| SP113 | 09/08/2007 | 59.90639999 | -155.3964666 | 5.15 | 0.031 | 10.23 | 6.25 | 134.30 | 0.28 |
| SP113 | 05/09/2007 | 59.90639999 | -155.3964666 | 4.91 | 0.035 | 9.44 | 7.12 | 195.70 | 0.07 |
| SP113 | 21/10/2007 | 59.90639999 | -155.3964666 | 1.22 | 0.036 | 10.52 | 6.54 | 261.40 | 0.24 |
| SP114 | 10/08/2007 | 59.87208967 | -155.0417393 | 3.46 | 0.082 | 12.17 | 8.19 | 109.60 | 1.07 |
| SP114 | 06/09/2007 | 59.87208967 | -155.0417393 | 3.46 | 0.084 | 10.04 | 8.16 | 191.50 | 0.15 |
| SP115 | 10/08/2007 | 59.9137536 | -155.2802052 | 3.55 | 0.081 | 10.66 | 6.64 | 158.60 | 0.26 |
| SP115 | 07/09/2007 | 59.9137536 | -155.2802052 | 5.49 | 0.074 | 8.63 | 6.39 | 165.50 | 0.21 |
| SP115 | 26/10/2007 | 59.9137536 | -155.2802052 | 2.93 | 0.103 | 6.36 | 6.45 | 168.20 | 0.09 |
| SP116 | 10/08/2007 | 59.91880336 | -155.2905895 | 4.39 | 0.063 | 11.59 | 6.71 | 78.30 | 0.98 |
| SP116 | 07/09/2007 | 59.91880336 | -155.2905895 | 3.52 | 0.065 | 9.11 | 6.13 | 162.10 | 0.30 |
| SP116 | 27/10/2007 | 59.91880336 | -155.2905895 | 2.53 | 0.057 | 8.51 | 6.34 | 140.80 | 0.07 |
| SP117 | 10/08/2007 | 59.88937408 | -155.463018 | 6.82 | 0.017 | 9.56 | 6.75 | 89.40 | 0.06 |
| SP117 | 05/09/2007 | 59.88937408 | -155.463018 | 6.41 | 0.017 | 8.75 | 5.91 | 177.90 | 0.11 |
| SP117 | 22/10/2007 | 59.88937408 | -155.463018 | 1.34 | 0.017 | 10.05 | 6.46 | 259.00 | 0.12 |
| SP118 | 10/08/2007 | 59.89450858 | -155.5176069 | 7.84 | 0.013 | 11.38 | 6.32 | 104.70 | 0.63 |
| SP118 | 05/09/2007 | 59.89450858 | -155.5176069 | 7.33 | 0.015 | 8.65 | 5.66 | 171.00 | 0.21 |
| SP118 | 27/10/2007 | 59.89450858 | -155.5176069 | 0.83 | 0.012 | 9.89 | 6.10 | 148.10 | 0.21 |
| SP1205 | 20/07/2005 | 59.79921506 | -155.2267714 | 2.87 | 0.104 | 10.91 | 7.46 | 183.50 | 1.79 |
| SP1205 | 23/08/2005 | 59.79921506 | -155.2267714 | 3.04 | 0.103 | 10.89 | 7.60 | 151.10 | 0.37 |
| SP1205 | 06/10/2005 | 59.79921506 | -155.2267714 | 3.14 | 0.095 | 9.74 | 7.53 | 212.60 | 0.19 |
| SP1205 | 17/03/2006 | 59.79921506 | -155.2267714 | 2.56 | 0.108 | 8.36 | 7.55 | -78.50 | 0.26 |
| SP1205 | 29/06/2006 | 59.79921506 | -155.2267714 | 2.75 | 0.097 | 10.57 | 7.00 | -94.00 | 0.10 |
| SP1205 | 26/08/2006 | 59.79921506 | -155.2267714 | 3.58 | 0.094 | 9.68 | 6.88 | 178.20 | 0.04 |
| SP1205 | 05/10/2006 | 59.79921506 | -155.2267714 | 3.00 | 0.099 | 9.29 | 7.55 | 206.40 | 0.07 |
| SP1205 | 25/03/2007 | 59.79921506 | -155.2267714 | 2.81 | 0.105 | 11.54 | 7.50 | 163.10 | 0.77 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|-------|-------|-------|------|---------|------|
| SP1205 | 25/05/2007 | 59.79921506 | -155.2267714 | 2.74 | 0.108 | 12.40 | 7.49 | 86.40 | 0.14 |
| SP1205 | 04/08/2007 | 59.79921506 | -155.2267714 | 2.87 | 0.1 | 10.73 | 7.38 | 210.10 | 1.26 |
| SP1205 | 08/09/2007 | 59.79921506 | -155.2267714 | 2.97 | 0.103 | 9.20 | 7.46 | 202.50 | 0.07 |
| SP1205 | 08/09/2007 | 59.79921506 | -155.2267714 | 2.97 | 0.103 | 9.20 | 7.46 | 202.50 | 0.07 |
| SP1205 | 08/09/2007 | 59.79921506 | -155.2267714 | 2.97 | 0.103 | 9.20 | 7.46 | 202.50 | 0.07 |
| SP1205 | 23/10/2007 | 59.79921506 | -155.2267714 | 2.80 | 0.088 | 12.12 | 6.72 | 116.20 | 0.09 |
| SP1305 | 18/03/2005 | 59.79861684 | -155.2460615 | 3.10 | 0.131 | 13.57 | 8.63 | | 0.70 |
| SP1305 | 19/07/2005 | 59.79861684 | -155.2460615 | 3.23 | 0.131 | 4.23 | 6.85 | -119.10 | 0.02 |
| SP1305 | 21/08/2005 | 59.79861684 | -155.2460615 | 3.25 | 0.13 | 8.10 | 7.93 | 123.20 | 0.61 |
| SP1305 | 06/10/2005 | 59.79861684 | -155.2460615 | 3.34 | 0.13 | 9.47 | 7.77 | 215.40 | 0.23 |
| SP1305 | 17/03/2006 | 59.79861684 | -155.2460615 | 3.15 | 0.13 | 7.77 | 7.52 | -173.40 | 0.13 |
| SP1305 | 29/06/2006 | 59.79861684 | -155.2460615 | 3.19 | 0.134 | 10.14 | 6.47 | -30.00 | 0.17 |
| SP1305 | 26/08/2006 | 59.79861684 | -155.2460615 | 3.30 | 0.129 | 9.18 | 7.67 | 119.00 | 0.06 |
| SP1305 | 05/10/2006 | 59.79861684 | -155.2460615 | 3.26 | 0.127 | 8.42 | 8.01 | 182.00 | 0.05 |
| SP1305 | 25/03/2007 | 59.79861684 | -155.2460615 | 3.24 | 0.123 | 10.19 | 7.64 | 152.30 | 0.35 |
| SP1305 | 24/05/2007 | 59.79861684 | -155.2460615 | 3.20 | 0.13 | 9.96 | 7.83 | 197.60 | 0.28 |
| SP1305 | 04/08/2007 | 59.79861684 | -155.2460615 | 3.22 | 0.121 | 10.31 | 7.41 | 171.70 | 0.22 |
| SP1305 | 06/09/2007 | 59.79861684 | -155.2460615 | 3.24 | 0.121 | 9.61 | 7.58 | 166.80 | 0.08 |
| SP1305 | 25/10/2007 | 59.79861684 | -155.2460615 | 3.22 | 0.122 | 10.82 | 7.17 | 187.10 | 0.05 |
| SP1405 | 21/05/2004 | 59.79447777 | -155.2618418 | 10.21 | 0.111 | 7.40 | 5.94 | -11.00 | 0.00 |
| SP1405 | 16/09/2004 | 59.79447777 | -155.2618418 | 8.51 | 0.17 | 10.60 | 6.40 | 53.00 | 0.10 |
| SP1405 | 18/07/2005 | 59.79447777 | -155.2618418 | 3.90 | 0.084 | 3.48 | 7.02 | -84.20 | 0.24 |
| SP1405 | 23/08/2005 | 59.79447777 | -155.2618418 | 3.91 | 0.081 | 10.77 | 6.80 | 171.80 | 0.13 |
| SP1405 | 06/10/2005 | 59.79447777 | -155.2618418 | 3.96 | 0.08 | 9.14 | 6.94 | 203.70 | 0.20 |
| SP1405 | 17/03/2006 | 59.79447777 | -155.2618418 | 3.86 | 0.082 | 7.51 | 7.32 | 162.80 | 0.08 |
| SP1405 | 28/06/2006 | 59.79447777 | -155.2618418 | 3.86 | 0.082 | 8.53 | 7.09 | -43.20 | 0.07 |
| SP1405 | 26/08/2006 | 59.79447777 | -155.2618418 | 3.86 | 0.079 | 9.70 | 6.88 | 115.50 | 0.06 |
| SP1405 | 02/10/2006 | 59.79447777 | -155.2618418 | 3.86 | 0.08 | 8.73 | 7.00 | 191.00 | 0.16 |
| SP1405 | 25/03/2007 | 59.79447777 | -155.2618418 | 3.84 | 0.08 | 10.19 | 6.13 | 233.10 | 0.10 |
| SP1405 | 24/05/2007 | 59.79447777 | -155.2618418 | 3.82 | 0.081 | 9.99 | 7.01 | 194.10 | 0.07 |
| SP1405 | 04/08/2007 | 59.79447777 | -155.2618418 | 3.86 | 0.077 | 10.06 | 6.70 | 199.00 | 0.30 |
| SP1405 | 06/09/2007 | 59.79447777 | -155.2618418 | 3.85 | 0.079 | 8.99 | 7.01 | 139.20 | 0.06 |
| SP1405 | 24/10/2007 | 59.79447777 | -155.2618418 | 3.82 | 0.079 | 6.60 | 6.82 | 69.50 | 0.08 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|-------|-------|-------|------|---------|------|
| SP1505 | 24/08/2005 | 59.84534562 | -155.2457958 | 5.45 | 0.026 | 9.95 | 5.95 | 174.00 | 1.45 |
| SP1505 | 05/10/2005 | 59.84534562 | -155.2457958 | 4.90 | 0.015 | 9.33 | 5.03 | 270.90 | 0.13 |
| SP1505 | 27/06/2006 | 59.84534562 | -155.2457958 | 3.85 | 0.018 | 9.50 | 5.44 | -32.10 | 2.86 |
| SP1505 | 27/08/2006 | 59.84534562 | -155.2457958 | 5.24 | 0.018 | 6.86 | 5.70 | 147.10 | 0.07 |
| SP1505 | 04/10/2006 | 59.84534562 | -155.2457958 | 3.81 | 0.02 | 9.24 | 5.51 | 243.30 | 0.08 |
| SP1505 | 26/05/2007 | 59.84534562 | -155.2457958 | 1.28 | 0.015 | 11.06 | 4.99 | 262.00 | 0.10 |
| SP1505 | 06/08/2007 | 59.84534562 | -155.2457958 | 4.27 | 0.035 | 8.38 | 6.75 | 66.20 | 1.07 |
| SP1505 | 08/09/2007 | 59.84534562 | -155.2457958 | 4.47 | 0.02 | 8.77 | 5.95 | 210.40 | 0.24 |
| SP1505 | 26/10/2007 | 59.84534562 | -155.2457958 | 3.49 | 0.022 | 6.72 | 5.88 | 163.00 | 0.09 |
| SP1605 | 24/08/2005 | 59.84543053 | -155.2441393 | 3.73 | 0.031 | 10.95 | 6.27 | 159.70 | 0.49 |
| SP1605 | 05/10/2005 | 59.84543053 | -155.2441393 | 3.66 | 0.029 | 9.04 | 5.95 | 240.00 | 0.07 |
| SP1605 | 27/06/2006 | 59.84543053 | -155.2441393 | 6.08 | 0.022 | 9.04 | 5.16 | 22.70 | 0.18 |
| SP1605 | 27/08/2006 | 59.84543053 | -155.2441393 | 2.80 | 0.029 | 7.30 | 6.30 | | 0.09 |
| SP1605 | 04/10/2006 | 59.84543053 | -155.2441393 | 3.23 | 0.03 | 9.40 | 5.83 | 220.50 | 0.13 |
| SP1605 | 06/08/2007 | 59.84543053 | -155.2441393 | 3.29 | 0.031 | 9.34 | 6.53 | 53.40 | 0.05 |
| SP1605 | 08/09/2007 | 59.84543053 | -155.2441393 | 3.45 | 0.027 | 10.96 | 5.41 | 244.90 | 0.14 |
| SP1605 | 26/10/2007 | 59.84543053 | -155.2441393 | 2.17 | 0.032 | 7.05 | 6.18 | 165.90 | 0.07 |
| SP1705 | 22/05/2004 | 59.79545762 | -155.2816238 | 10.26 | 0.129 | 7.68 | 6.19 | 27.00 | 0.50 |
| SP1705 | 16/09/2004 | 59.79545762 | -155.2816238 | 7.36 | 0.256 | 13.81 | 6.45 | 57.00 | 0.50 |
| SP1705 | 17/03/2005 | 59.79545762 | -155.2816238 | 3.36 | 0.079 | 14.26 | 7.51 | | 4.40 |
| SP1705 | 18/07/2005 | 59.79545762 | -155.2816238 | 3.73 | 0.061 | 2.78 | 7.14 | -91.40 | 0.13 |
| SP1705 | 18/07/2005 | 59.79545762 | -155.2816238 | 3.73 | 0.061 | 2.78 | 7.14 | -91.40 | 0.13 |
| SP1705 | 23/08/2005 | 59.79545762 | -155.2816238 | 3.68 | 0.073 | 11.09 | 6.97 | 180.20 | 0.27 |
| SP1705 | 06/10/2005 | 59.79545762 | -155.2816238 | 3.63 | 0.072 | 9.45 | 6.83 | 188.90 | 0.17 |
| SP1705 | 17/03/2006 | 59.79545762 | -155.2816238 | 3.44 | 0.074 | 7.62 | 7.40 | -169.50 | 0.22 |
| SP1705 | 28/06/2006 | 59.79545762 | -155.2816238 | 3.60 | 0.072 | 8.73 | 7.07 | -69.20 | 0.46 |
| SP1705 | 25/08/2006 | 59.79545762 | -155.2816238 | 3.66 | 0 | 9.12 | 6.88 | 118.00 | 0.11 |
| SP1705 | 06/10/2006 | 59.79545762 | -155.2816238 | 3.73 | 0.044 | 8.37 | 6.30 | 122.00 | 0.08 |
| SP1705 | 25/03/2007 | 59.79545762 | -155.2816238 | 3.51 | 0.075 | 10.14 | 5.50 | 275.00 | 0.14 |
| SP1705 | 24/05/2007 | 59.79545762 | -155.2816238 | 3.67 | 0.072 | 9.97 | 6.77 | 189.70 | 0.57 |
| SP1705 | 04/08/2007 | 59.79545762 | -155.2816238 | 3.79 | 0.071 | 10.25 | 6.71 | 226.30 | 1.03 |
| SP1705 | 06/09/2007 | 59.79545762 | -155.2816238 | 3.67 | 0.074 | 9.25 | 6.97 | 149.00 | 0.09 |
| SP1705 | 24/10/2007 | 59.79545762 | -155.2816238 | 3.63 | 0.065 | 6.58 | 7.01 | 69.70 | 0.07 |
| SP1805 | 17/07/2005 | 59.79632816 | -155.2896387 | 3.12 | 0.078 | 5.19 | 7.08 | -67.60 | 0.99 |
| SP1805 | 23/08/2005 | 59.79632816 | -155.2896387 | 3.14 | 0.074 | 10.98 | 8.17 | 233.30 | 1.65 |
| SP1805 | 06/10/2005 | 59.79632816 | -155.2896387 | 3.09 | 0.074 | 9.37 | 7.55 | 241.80 | 0.16 |
| SP1805 | 17/03/2006 | 59.79632816 | -155.2896387 | 3.06 | 0.075 | 7.72 | 8.08 | -170.40 | 0.39 |
| SP1805 | 28/06/2006 | 59.79632816 | -155.2896387 | 3.15 | 0.074 | 8.85 | 7.77 | -94.70 | 0.12 |
| SP1805 | 25/08/2006 | 59.79632816 | -155.2896387 | 3.24 | 0.044 | 9.30 | 8.43 | 92.20 | 0.13 |
| SP1805 | 06/10/2006 | 59.79632816 | -155.2896387 | 3.10 | 0.073 | 8.53 | 8.37 | 23.50 | 0.38 |
| SP1805 | 24/03/2007 | 59.79632816 | -155.2896387 | 3.10 | 0.071 | 9.81 | 8.29 | 184.30 | 0.16 |
| SP1805 | 24/05/2007 | 59.79632816 | -155.2896387 | 3.15 | 0.072 | 9.92 | 8.54 | 196.90 | 0.28 |
| SP1805 | 04/08/2007 | 59.79632816 | -155.2896387 | 3.15 | 0.073 | 10.28 | 7.88 | 204.40 | 0.56 |
| SP1805 | 06/09/2007 | 59.79632816 | -155.2896387 | 3.16 | 0.072 | 9.61 | 8.43 | 131.20 | 0.08 |
| SP1805 | 24/10/2007 | 59.79632816 | -155.2896387 | 3.02 | 0.071 | 6.71 | 8.13 | 71.10 | 0.18 |
| SP1905 | 15/03/2005 | 59.79727188 | -155.2901166 | 3.60 | | 11.96 | 7.55 | | |
| SP1905 | 17/07/2005 | 59.79727188 | -155.2901166 | 3.69 | 0.07 | 5.06 | 6.97 | -53.20 | 0.20 |
| SP1905 | 21/08/2005 | 59.79727188 | -155.2901166 | 3.74 | 0.072 | 8.04 | 7.20 | 111.20 | 0.28 |
| SP1905 | 06/10/2005 | 59.79727188 | -155.2901166 | 3.99 | 0.068 | 9.11 | 7.00 | 216.00 | 0.10 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP1905 | 28/06/2006 | 59.79727188 | -155.2901166 | 3.53 | 0.067 | 8.56 | 7.36 | -56.60 | 0.27 |
| SP1905 | 26/08/2006 | 59.79727188 | -155.2901166 | 3.76 | 0.066 | 9.05 | 7.48 | 113.20 | 0.14 |
| SP1905 | 06/10/2006 | 59.79727188 | -155.2901166 | 3.86 | 0.067 | 7.96 | 7.08 | 55.60 | 0.13 |
| SP1905 | 24/03/2007 | 59.79727188 | -155.2901166 | 3.65 | 0.07 | 10.48 | 7.24 | 225.40 | 0.11 |
| SP1905 | 24/05/2007 | 59.79727188 | -155.2901166 | 3.57 | 0.068 | 9.76 | 7.43 | 196.10 | 0.07 |
| SP1905 | 04/08/2007 | 59.79727188 | -155.2901166 | 3.85 | 0.069 | 9.97 | 7.33 | 198.50 | 0.70 |
| SP1905 | 06/09/2007 | 59.79727188 | -155.2901166 | 3.87 | 0.043 | 9.30 | 7.15 | 166.00 | 0.06 |
| SP1905 | 24/10/2007 | 59.79727188 | -155.2901166 | 3.85 | 0.07 | 6.58 | 7.29 | 72.90 | 0.08 |
| SP2005 | 18/07/2005 | 59.7986813 | -155.316913 | 4.47 | 0.034 | 3.02 | 7.37 | 83.80 | 0.35 |
| SP2005 | 21/08/2005 | 59.7986813 | -155.316913 | 4.76 | 0.036 | 7.89 | 6.32 | 213.10 | 0.26 |
| SP2005 | 05/10/2005 | 59.7986813 | -155.316913 | 3.93 | 0.034 | 12.25 | 6.24 | 227.90 | 0.10 |
| SP2005 | 29/06/2006 | 59.7986813 | -155.316913 | 3.88 | 0.032 | 10.56 | 5.68 | -29.20 | 0.13 |
| SP2005 | 27/08/2006 | 59.7986813 | -155.316913 | 3.35 | 0.031 | 8.26 | 6.39 | 113.90 | 0.08 |
| SP2005 | 03/10/2006 | 59.7986813 | -155.316913 | 3.62 | 0.035 | 10.65 | 6.06 | 206.10 | 0.13 |
| SP2005 | 04/08/2007 | 59.7986813 | -155.316913 | 4.93 | 0.032 | 8.91 | 7.02 | 183.90 | 3.96 |
| SP2005 | 05/09/2007 | 59.7986813 | -155.316913 | 5.77 | 0.03 | 9.19 | 6.50 | 153.60 | 0.05 |
| SP2005 | 24/10/2007 | 59.7986813 | -155.316913 | 2.35 | 0.037 | 7.34 | 7.01 | 62.10 | 0.07 |
| SP2105 | 18/03/2005 | 59.80112672 | -155.3128954 | 2.46 | 0.04 | 15.37 | 7.33 | | 1.50 |
| SP2105 | 17/07/2005 | 59.80112672 | -155.3128954 | 2.74 | 0.035 | 3.05 | 6.95 | -73.80 | 0.12 |
| SP2105 | 20/08/2005 | 59.80112672 | -155.3128954 | 2.77 | 0.036 | 10.09 | 6.24 | 219.70 | 0.54 |
| SP2105 | 05/10/2005 | 59.80112672 | -155.3128954 | 2.73 | 0.035 | 12.69 | 6.01 | 254.30 | 0.16 |
| SP2105 | 29/06/2006 | 59.80112672 | -155.3128954 | 2.62 | 0.036 | 11.25 | 5.54 | -45.20 | 0.06 |
| SP2105 | 27/08/2006 | 59.80112672 | -155.3128954 | 2.87 | 0.035 | 7.78 | 6.83 | 146.20 | 0.05 |
| SP2105 | 06/10/2006 | 59.80112672 | -155.3128954 | 2.85 | 0.036 | 9.42 | 5.68 | 114.40 | 0.06 |
| SP2105 | 21/05/2007 | 59.80112672 | -155.3128954 | 2.65 | 0.036 | 13.23 | 6.35 | 163.60 | 0.23 |
| SP2105 | 04/08/2007 | 59.80112672 | -155.3128954 | 3.02 | 0.036 | 11.66 | 6.37 | 204.80 | 0.41 |
| SP2105 | 05/09/2007 | 59.80112672 | -155.3128954 | 3.23 | 0.04 | 10.62 | 5.97 | 195.50 | 0.16 |
| SP2105 | 05/09/2007 | 59.80112672 | -155.3128954 | 3.23 | 0.04 | 10.62 | 5.97 | 195.50 | 0.16 |
| SP2105 | 24/10/2007 | 59.80112672 | -155.3128954 | 2.75 | 0.04 | 7.50 | 6.40 | 122.60 | 0.09 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|------|--------|-------|------|---------|------|
| SP2205 | 15/03/2005 | 59.80623675 | -155.3061943 | 3.50 | 0.0641 | 13.06 | 6.88 | | |
| SP2205 | 17/07/2005 | 59.80623675 | -155.3061943 | 3.48 | 0.059 | 3.51 | 7.06 | -72.80 | 0.29 |
| SP2205 | 20/08/2005 | 59.80623675 | -155.3061943 | 3.53 | 0.06 | 9.61 | 6.39 | 327.70 | 0.74 |
| SP2205 | 05/10/2005 | 59.80623675 | -155.3061943 | 3.60 | 0.059 | 12.77 | 5.93 | 252.70 | 0.36 |
| SP2205 | 29/06/2006 | 59.80623675 | -155.3061943 | 3.51 | 0.035 | 10.27 | 5.67 | -66.90 | 0.10 |
| SP2205 | 27/08/2006 | 59.80623675 | -155.3061943 | 3.65 | 0.058 | 7.75 | 6.33 | 153.50 | 0.03 |
| SP2205 | 06/10/2006 | 59.80623675 | -155.3061943 | 3.67 | 0.059 | 9.23 | 5.59 | 107.00 | 0.13 |
| SP2205 | 21/05/2007 | 59.80623675 | -155.3061943 | 3.60 | 0.046 | 11.97 | 6.11 | 243.40 | 1.45 |
| SP2205 | 04/08/2007 | 59.80623675 | -155.3061943 | 3.60 | 0.064 | 10.36 | 6.59 | 184.00 | 0.52 |
| SP2205 | 08/09/2007 | 59.80623675 | -155.3061943 | 4.12 | 0.044 | 8.48 | 6.75 | 140.40 | 0.10 |
| SP2205 | 24/10/2007 | 59.80623675 | -155.3061943 | 3.58 | 0.061 | 6.95 | 6.52 | 103.50 | 0.11 |
| SP2305 | 19/07/2005 | 59.84536548 | -155.3243286 | 2.84 | 0.06 | 4.52 | 6.85 | -112.90 | 0.23 |
| SP2305 | 24/08/2005 | 59.84536548 | -155.3243286 | 3.41 | 0.067 | 11.01 | 6.20 | 187.60 | 0.19 |
| SP2305 | 07/10/2005 | 59.84536548 | -155.3243286 | 3.76 | 0.059 | 11.11 | 5.81 | 232.40 | 0.21 |
| SP2305 | 28/06/2006 | 59.84536548 | -155.3243286 | 2.83 | 0.059 | 9.63 | 6.68 | -85.40 | 0.09 |
| SP2305 | 26/08/2006 | 59.84536548 | -155.3243286 | 2.83 | 0.062 | 10.01 | 6.06 | 163.40 | 0.10 |
| SP2305 | 04/10/2006 | 59.84536548 | -155.3243286 | 3.02 | 0.062 | 9.43 | 6.11 | 235.00 | 0.13 |
| SP2305 | 23/05/2007 | 59.84536548 | -155.3243286 | 2.92 | 0.062 | 12.40 | 5.78 | 176.60 | 0.05 |
| SP2305 | 05/08/2007 | 59.84536548 | -155.3243286 | 2.54 | 0.061 | 10.91 | 6.29 | 60.80 | 0.41 |
| SP2305 | 07/09/2007 | 59.84536548 | -155.3243286 | 2.61 | 0.068 | 10.43 | 6.04 | 177.00 | 0.15 |
| SP2305 | 26/10/2007 | 59.84536548 | -155.3243286 | 2.83 | 0.056 | 7.97 | 6.99 | 176.90 | 0.09 |
| SP2405 | 21/07/2005 | 59.85774689 | -155.3409918 | 6.37 | 0.123 | 10.12 | 6.86 | 197.40 | 0.58 |
| SP2405 | 24/08/2005 | 59.85774689 | -155.3409918 | 5.74 | 0.118 | 9.45 | 6.41 | 189.90 | 0.71 |
| SP2405 | 07/10/2005 | 59.85774689 | -155.3409918 | 4.58 | 0.106 | 9.81 | 6.29 | 186.40 | 0.58 |
| SP2405 | 27/06/2006 | 59.85774689 | -155.3409918 | 6.60 | 0.115 | 8.53 | 6.65 | -119.30 | 0.05 |
| SP2405 | 28/08/2006 | 59.85774689 | -155.3409918 | 3.46 | 0.095 | 8.21 | 6.48 | 138.10 | 0.10 |
| SP2405 | 05/10/2006 | 59.85774689 | -155.3409918 | 3.85 | 0.104 | 8.35 | 6.80 | 229.70 | 0.12 |
| SP2405 | 23/05/2007 | 59.85774689 | -155.3409918 | 5.41 | 0.151 | 8.72 | 6.17 | 210.40 | 0.30 |
| SP2405 | 05/08/2007 | 59.85774689 | -155.3409918 | 4.89 | 0.119 | 8.72 | 6.64 | 50.10 | 0.30 |
| SP2405 | 08/09/2007 | 59.85774689 | -155.3409918 | 4.81 | 0.12 | 7.68 | 6.22 | 218.10 | 0.23 |
| SP2405 | 26/10/2007 | 59.85774689 | -155.3409918 | 2.49 | 0.097 | 9.13 | 6.63 | 201.60 | 0.08 |
| SP2505 | 20/07/2005 | 59.85830856 | -155.3355297 | 3.88 | 0.063 | 11.05 | 6.40 | 295.00 | 0.82 |
| SP2505 | 24/08/2005 | 59.85830856 | -155.3355297 | 4.19 | 0.067 | 11.26 | 6.36 | 198.00 | 0.62 |
| SP2505 | 07/10/2005 | 59.85830856 | -155.3355297 | 2.94 | 0.055 | 11.37 | 6.22 | 204.40 | 0.22 |
| SP2505 | 27/06/2006 | 59.85830856 | -155.3355297 | 3.55 | 0.065 | 10.55 | 7.25 | -132.00 | 0.09 |
| SP2505 | 28/08/2006 | 59.85830856 | -155.3355297 | 2.74 | 0.059 | 8.75 | 6.27 | 146.60 | 0.07 |
| SP2505 | 05/10/2006 | 59.85830856 | -155.3355297 | 2.85 | 0.066 | 8.83 | 6.70 | 222.30 | 0.21 |
| SP2505 | 06/08/2007 | 59.85830856 | -155.3355297 | 3.17 | 0.068 | 11.77 | 7.92 | 37.70 | 0.23 |
| SP2505 | 08/09/2007 | 59.85830856 | -155.3355297 | 3.72 | 0.07 | 9.01 | 6.24 | 218.00 | 0.19 |
| SP2505 | 26/10/2007 | 59.85830856 | -155.3355297 | 2.38 | 0.066 | 9.87 | 6.57 | 202.20 | 0.15 |
| SP26 | 06/10/2006 | 59.90418037 | -155.2921506 | 4.26 | 0.153 | 7.43 | 3.85 | 433.70 | 0.15 |
| SP26 | 24/03/2007 | 59.90418037 | -155.2921506 | 3.65 | 0.07 | 10.48 | 7.24 | 225.40 | 0.11 |
| SP26 | 26/05/2007 | 59.90418037 | -155.2921506 | 0.78 | 0.159 | 9.44 | 3.87 | 381.90 | 0.16 |
| SP26 | 02/08/2007 | 59.90418037 | -155.2921506 | 4.28 | 0.195 | 3.03 | 3.91 | 294.10 | 0.32 |
| SP26 | 07/09/2007 | 59.90418037 | -155.2921506 | 6.17 | 0.173 | 2.45 | 4.05 | 351.20 | 0.40 |
| SP26 | 21/10/2007 | 59.90418037 | -155.2921506 | 2.70 | 0.155 | 7.06 | 3.74 | 284.50 | 0.12 |
| SP27 | 07/10/2006 | 59.89829686 | -155.291066 | 4.88 | 0.072 | 5.16 | 5.34 | 232.30 | 8.45 |
| SP27 | 05/08/2007 | 59.89829686 | -155.291066 | 2.86 | 0.052 | 9.96 | 6.91 | 210.90 | 3.55 |
| SP27 | 21/10/2007 | 59.89829686 | -155.291066 | 2.90 | 0.102 | 5.71 | 7.05 | 72.70 | 1.59 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP30 | 05/10/2006 | 59.88078103 | -155.3884704 | 1.40 | 0.009 | 8.92 | 5.61 | 155.50 | 0.27 |
| SP30 | 22/05/2007 | 59.88078103 | -155.3884704 | 0.04 | 0.017 | 11.27 | 5.50 | 213.30 | 0.41 |
| SP30 | 07/08/2007 | 59.88078103 | -155.3884704 | 1.33 | 0.039 | 11.92 | 7.62 | 67.60 | 0.18 |
| SP30 | 04/09/2007 | 59.88078103 | -155.3884704 | 1.38 | 0.041 | 12.24 | 6.76 | 215.10 | 0.16 |
| SP30 | 21/10/2007 | 59.88078103 | -155.3884704 | 1.40 | 0.034 | 11.74 | 6.36 | 243.20 | 0.05 |
| SP31 | 05/10/2006 | 59.88334724 | -155.4420471 | 1.43 | 0.032 | 8.88 | 5.97 | 71.40 | 0.13 |
| SP31 | 22/05/2007 | 59.88334724 | -155.4420471 | 1.02 | 0.037 | 11.98 | 5.89 | 216.20 | 0.14 |
| SP31 | 08/08/2007 | 59.88334724 | -155.4420471 | 1.40 | 0.032 | 11.81 | 7.08 | 32.50 | 0.95 |
| SP31 | 07/09/2007 | 59.88334724 | -155.4420471 | 1.55 | 0.032 | 10.66 | 6.22 | 199.30 | 0.38 |
| SP31 | 27/10/2007 | 59.88334724 | -155.4420471 | 1.34 | 0.033 | 10.68 | 6.69 | 204.80 | 0.18 |
| SP33 | 03/10/2006 | 59.79933291 | -155.4717555 | 4.52 | 0.024 | 6.92 | 5.27 | 253.10 | 0.21 |
| SP33 | 23/05/2007 | 59.79933291 | -155.4717555 | 1.88 | 0.021 | 11.81 | 5.68 | 189.60 | 0.50 |
| SP33 | 05/08/2007 | 59.79933291 | -155.4717555 | 3.09 | 0.025 | 9.72 | 5.95 | 83.90 | 0.35 |
| SP33 | 05/09/2007 | 59.79933291 | -155.4717555 | 3.40 | 0.012 | 8.34 | 5.40 | 219.80 | 0.06 |
| SP33 | 23/10/2007 | 59.79933291 | -155.4717555 | 3.65 | 0.027 | 6.64 | 5.57 | 264.40 | 0.29 |
| SP36 | 03/10/2006 | 59.79346407 | -155.5207269 | 4.63 | 0.029 | 5.80 | 6.12 | 214.80 | 0.07 |
| SP36 | 23/05/2007 | 59.79346407 | -155.5207269 | 3.66 | 0.032 | 10.35 | 6.08 | 202.50 | 0.07 |
| SP36 | 27/10/2007 | 59.79346407 | -155.5207269 | 4.03 | 0.032 | 6.30 | 6.18 | 206.60 | 0.09 |
| SP37 | 03/10/2006 | 59.82019706 | -155.4347375 | 6.88 | 0.022 | 4.78 | 4.24 | 287.90 | 0.70 |
| SP37 | 23/05/2007 | 59.82019706 | -155.4347375 | 2.33 | 0.026 | 11.59 | 5.37 | 212.40 | 0.23 |
| SP37 | 05/08/2007 | 59.82019706 | -155.4347375 | 3.46 | 0.023 | 9.08 | 6.60 | 111.40 | 0.27 |
| SP37 | 04/09/2007 | 59.82019706 | -155.4347375 | 4.19 | 0.027 | 8.53 | 5.38 | 228.70 | 0.14 |
| SP37 | 23/10/2007 | 59.82019706 | -155.4347375 | 5.75 | 0.025 | 5.28 | 5.36 | 274.50 | 0.14 |
| SP39 | 04/10/2006 | 59.80087149 | -155.5088983 | 1.13 | 0.019 | 5.91 | 5.45 | 147.70 | 0.18 |
| SP39 | 23/05/2007 | 59.80087149 | -155.5088983 | 2.59 | 0.027 | 9.92 | 5.66 | 185.00 | 0.16 |
| SP39 | 05/08/2007 | 59.80087149 | -155.5088983 | 2.69 | 0.026 | 8.73 | 5.69 | 75.40 | 0.58 |
| SP39 | 05/09/2007 | 59.80087149 | -155.5088983 | 3.09 | 0.026 | 8.71 | 6.28 | 177.90 | 0.09 |
| SP39 | 27/10/2007 | 59.80087149 | -155.5088983 | 3.26 | 0.018 | 7.50 | 5.23 | 181.30 | 0.07 |
| SP40 | 04/10/2006 | 59.92114015 | -155.2769958 | 2.88 | 0.081 | 8.90 | 5.93 | 125.70 | 0.08 |
| SP40 | 27/03/2007 | 59.92114015 | -155.2769958 | 3.13 | 0.096 | 9.67 | 6.32 | 207.60 | 0.06 |
| SP40 | 22/05/2007 | 59.92114015 | -155.2769958 | 3.00 | 0.093 | 10.67 | 6.49 | 213.00 | 0.07 |
| SP40 | 08/08/2007 | 59.92114015 | -155.2769958 | 2.80 | 0.093 | 9.51 | 6.45 | 37.40 | 0.13 |
| SP40 | 07/09/2007 | 59.92114015 | -155.2769958 | 2.62 | 0.099 | 8.92 | 5.96 | 238.50 | 0.19 |
| SP40 | 24/10/2007 | 59.92114015 | -155.2769958 | 2.69 | 0.089 | 7.51 | 5.90 | 206.00 | 0.07 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP41 | 06/10/2006 | 59.89205461 | -155.2821614 | 3.38 | 0.088 | 9.35 | 4.90 | 329.70 | 0.88 |
| SP41 | 26/05/2007 | 59.89205461 | -155.2821614 | 3.92 | 0.102 | 9.33 | 4.87 | 277.20 | 0.08 |
| SP41 | 02/08/2007 | 59.89205461 | -155.2821614 | 4.49 | 0.107 | 9.50 | 4.85 | 229.10 | 0.76 |
| SP41 | 02/08/2007 | 59.89205461 | -155.2821614 | 4.49 | 0.107 | 9.50 | 4.85 | 229.10 | 0.76 |
| SP41 | 07/09/2007 | 59.89205461 | -155.2821614 | 4.03 | 0.102 | 9.52 | 4.95 | 286.60 | 0.06 |
| SP41 | 07/09/2007 | 59.89205461 | -155.2821614 | 4.03 | 0.102 | 9.52 | 4.95 | 286.60 | 0.06 |
| SP41 | 27/10/2007 | 59.89205461 | -155.2821614 | 3.81 | 0.087 | 10.39 | 5.42 | 224.50 | 0.12 |
| SP41 | 27/10/2007 | 59.89205461 | -155.2821614 | 3.81 | 0.087 | 10.39 | 5.42 | 224.50 | 0.12 |
| SP44 | 06/10/2006 | 59.89028527 | -155.3523118 | 3.58 | 0.043 | 9.80 | 5.63 | 239.20 | 0.18 |
| SP44 | 06/08/2007 | 59.89028527 | -155.3523118 | 3.30 | 0.026 | 10.28 | 6.38 | 45.80 | 0.50 |
| SP44 | 05/09/2007 | 59.89028527 | -155.3523118 | 3.39 | 0.043 | 9.60 | 5.91 | 179.30 | 0.08 |
| SP44 | 23/10/2007 | 59.89028527 | -155.3523118 | 3.11 | 0.036 | 8.70 | 5.86 | 195.90 | 0.16 |
| SP50 | 05/10/2006 | 59.89012283 | -155.4157169 | 2.87 | 0.027 | 7.04 | 5.06 | 114.90 | 0.09 |
| SP50 | 22/05/2007 | 59.89012283 | -155.4157169 | 1.57 | 0.03 | 11.56 | 5.87 | 214.60 | 0.11 |
| SP50 | 07/08/2007 | 59.89012283 | -155.4157169 | 1.99 | 0.028 | 10.82 | 6.62 | 56.70 | 1.20 |
| SP50 | 04/09/2007 | 59.89012283 | -155.4157169 | 2.26 | 0.029 | 11.05 | 5.75 | 155.40 | 0.12 |
| SP50 | 21/10/2007 | 59.89012283 | -155.4157169 | 2.65 | 0.025 | 9.84 | 5.94 | 251.70 | 0.07 |
| SP51 | 05/10/2006 | 59.88775067 | -155.401837 | 2.23 | 0.032 | 7.71 | 5.61 | 117.20 | 0.07 |
| SP51 | 07/08/2007 | 59.88775067 | -155.401837 | 2.16 | 0.043 | 10.85 | 6.58 | 80.70 | 0.09 |
| SP51 | 04/09/2007 | 59.88775067 | -155.401837 | 2.09 | 0.046 | 10.96 | 6.35 | 142.90 | 0.09 |
| SP51 | 21/10/2007 | 59.88775067 | -155.401837 | 2.10 | 0.045 | 10.10 | 6.25 | 239.60 | 0.11 |
| SP53 | 06/10/2006 | 59.91543962 | -155.3759886 | 2.84 | 0.038 | 9.09 | 6.07 | 242.90 | 0.05 |
| SP53 | 23/05/2007 | 59.91543962 | -155.3759886 | 2.33 | 0.04 | 12.55 | 5.87 | 217.00 | 0.12 |
| SP53 | 06/08/2007 | 59.91543962 | -155.3759886 | 2.33 | 0.041 | 10.05 | 6.24 | 41.30 | 0.41 |
| SP53 | 05/09/2007 | 59.91543962 | -155.3759886 | 2.64 | 0.044 | 9.09 | 6.76 | 229.60 | 0.17 |
| SP53 | 21/10/2007 | 59.91543962 | -155.3759886 | 2.75 | 0.038 | 9.13 | 5.86 | 273.50 | 0.17 |
| SP54 | 17/03/2005 | 59.93263082 | -155.4621096 | 0.36 | 0.057 | 15.00 | 7.34 | | 1.60 |
| SP54 | 05/10/2006 | 59.93263082 | -155.4621096 | 6.69 | 0.053 | 2.67 | 5.87 | 156.50 | 0.15 |
| SP54 | 22/05/2007 | 59.93263082 | -155.4621096 | 3.79 | 0.047 | 8.58 | 6.30 | 145.60 | 0.10 |
| SP54 | 08/08/2007 | 59.93263082 | -155.4621096 | 3.40 | 0.056 | 4.60 | 7.24 | 44.60 | 0.92 |
| SP54 | 07/09/2007 | 59.93263082 | -155.4621096 | 7.76 | 0.057 | 3.58 | 6.42 | 161.80 | 0.13 |
| SP54 | 27/10/2007 | 59.93263082 | -155.4621096 | 7.99 | 0.043 | 4.68 | 6.50 | 205.10 | 0.52 |
| SP54 | 27/10/2007 | 59.93263082 | -155.4621096 | 7.99 | 0.043 | 4.68 | 6.50 | 205.10 | 0.52 |
| SP56 | 05/10/2006 | 59.88460612 | -155.4862983 | 2.87 | 0.011 | 7.61 | 4.93 | 177.90 | 0.21 |
| SP56 | 22/05/2007 | 59.88460612 | -155.4862983 | 2.50 | 0.006 | 10.98 | 4.42 | 243.00 | 0.58 |
| SP56 | 09/08/2007 | 59.88460612 | -155.4862983 | 3.46 | 0.012 | 10.27 | 6.25 | 180.70 | 1.78 |
| SP56 | 04/09/2007 | 59.88460612 | -155.4862983 | 7.03 | 0.016 | 8.91 | 7.25 | 37.40 | 0.18 |
| SP57 | 04/10/2006 | 59.92697219 | -155.4920289 | 4.42 | 0.049 | 3.66 | 6.73 | 115.30 | 0.07 |
| SP57 | 27/03/2007 | 59.92697219 | -155.4920289 | 1.19 | 0.053 | 8.36 | 6.42 | 194.70 | 0.11 |
| SP57 | 27/03/2007 | 59.92697219 | -155.4920289 | 1.19 | 0.053 | 8.36 | 6.42 | 194.70 | 0.11 |
| SP57 | 23/05/2007 | 59.92697219 | -155.4920289 | 3.37 | 0.052 | 8.73 | 6.20 | 147.40 | 0.07 |
| SP57 | 08/08/2007 | 59.92697219 | -155.4920289 | 2.78 | 0.05 | 6.74 | 7.10 | 27.80 | 0.08 |
| SP57 | 07/09/2007 | 59.92697219 | -155.4920289 | 3.57 | 0.028 | 4.72 | 6.18 | 185.30 | 0.07 |
| SP57 | 24/10/2007 | 59.92697219 | -155.4920289 | 4.58 | 0.053 | 2.96 | 6.27 | 195.90 | 0.06 |
| SP60 | 06/10/2006 | 59.91886212 | -155.4483975 | 4.97 | 0.017 | 7.50 | 4.74 | 180.80 | 0.48 |
| SP60 | 07/08/2007 | 59.91886212 | -155.4483975 | 6.87 | 0.024 | 5.98 | 6.13 | 61.00 | 2.19 |
| SP60 | 05/09/2007 | 59.91886212 | -155.4483975 | 6.55 | 0.023 | 6.22 | 6.28 | 123.80 | 0.16 |
| SP60 | 23/10/2007 | 59.91886212 | -155.4483975 | 2.31 | 0.023 | 8.31 | 6.12 | 182.70 | 0.07 |
| SP61 | 06/10/2006 | 59.91964985 | -155.4209489 | 3.07 | 0.056 | 6.96 | 5.97 | 151.40 | 0.25 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP61 | 23/05/2007 | 59.91964985 | -155.4209489 | 1.70 | 0.058 | 8.27 | 5.94 | 92.80 | 0.65 |
| SP61 | 07/08/2007 | 59.91964985 | -155.4209489 | 2.58 | 0.049 | 7.55 | 6.31 | 47.50 | 0.44 |
| SP61 | 05/09/2007 | 59.91964985 | -155.4209489 | 3.24 | 0.058 | 7.52 | 6.70 | 180.70 | 0.16 |
| SP61 | 23/10/2007 | 59.91964985 | -155.4209489 | 1.70 | 0.053 | 6.43 | 5.85 | 127.20 | 0.35 |
| SP62 | 06/10/2006 | 59.90560404 | -155.2844783 | 3.08 | 0.114 | 7.44 | 5.82 | 251.60 | 0.07 |
| SP62 | 26/05/2007 | 59.90560404 | -155.2844783 | 3.10 | 0.077 | 6.65 | 6.01 | 205.00 | 0.13 |
| SP62 | 02/08/2007 | 59.90560404 | -155.2844783 | 3.08 | 0.133 | 5.79 | 6.35 | 59.30 | 1.25 |
| SP62 | 07/09/2007 | 59.90560404 | -155.2844783 | 3.04 | 0.125 | 5.90 | 5.86 | 185.40 | 0.07 |
| SP62 | 21/10/2007 | 59.90560404 | -155.2844783 | 2.91 | 0.106 | 6.74 | 5.13 | 175.30 | 0.04 |
| SP63 | 17/03/2005 | 59.92652804 | -155.183139 | 2.87 | 0.131 | 10.30 | 6.78 | | 1.40 |
| SP63 | 24/05/2007 | 59.92652804 | -155.183139 | 3.01 | 0.088 | 9.51 | 7.38 | 155.80 | 0.15 |
| SP63 | 02/08/2007 | 59.92652804 | -155.183139 | 3.55 | 0.122 | 8.09 | 7.42 | 183.10 | 1.29 |
| SP63 | 06/09/2007 | 59.92652804 | -155.183139 | 3.57 | 0.119 | 9.78 | 7.44 | 149.40 | 0.13 |
| SP63 | 26/10/2007 | 59.92652804 | -155.183139 | 2.95 | 0.112 | 8.25 | 7.13 | 148.10 | 0.05 |
| SP64 | 25/05/2007 | 59.92964854 | -155.1991204 | 2.94 | 0.07 | 10.88 | 6.96 | 163.50 | 0.15 |
| SP64 | 08/08/2007 | 59.92964854 | -155.1991204 | 2.98 | 0.08 | 10.22 | 6.89 | 26.80 | 0.10 |
| SP64 | 07/09/2007 | 59.92964854 | -155.1991204 | 2.98 | 0.082 | 9.30 | 6.65 | 220.50 | 0.24 |
| SP64 | 24/10/2007 | 59.92964854 | -155.1991204 | 3.01 | 0.082 | 7.84 | 6.74 | 178.30 | 0.05 |
| SP65 | 25/05/2007 | 59.92558298 | -155.156917 | 2.94 | 0.128 | 10.92 | 7.03 | 0.00 | 0.25 |
| SP65 | 02/08/2007 | 59.92558298 | -155.156917 | 3.00 | 0.136 | 9.82 | 7.25 | 80.40 | 0.14 |
| SP65 | 06/09/2007 | 59.92558298 | -155.156917 | 3.05 | 0.127 | 9.17 | 6.85 | 179.00 | 0.09 |
| SP65 | 26/10/2007 | 59.92558298 | -155.156917 | 3.06 | 0.13 | 7.60 | 6.83 | 151.60 | 0.06 |
| SP66 | 25/05/2007 | 59.92684244 | -155.2296993 | 2.25 | 0.094 | 10.28 | 6.89 | 78.80 | 0.19 |
| SP66 | 02/08/2007 | 59.92684244 | -155.2296993 | 3.17 | 0.227 | 9.12 | 7.12 | 62.50 | 0.34 |
| SP66 | 06/09/2007 | 59.92684244 | -155.2296993 | 3.15 | 0.204 | 8.76 | 6.75 | 181.30 | 0.17 |
| SP66 | 27/10/2007 | 59.92684244 | -155.2296993 | 2.61 | 0.202 | 9.11 | 6.65 | 167.70 | 0.09 |
| SP67 | 25/05/2007 | 59.93810034 | -155.2365924 | 1.70 | 0.11 | 10.94 | 7.00 | 157.70 | 0.13 |
| SP67 | 02/08/2007 | 59.93810034 | -155.2365924 | 3.29 | 0.136 | 7.02 | 7.17 | 208.40 | 0.16 |
| SP67 | 06/09/2007 | 59.93810034 | -155.2365924 | 3.04 | 0.132 | 9.60 | 6.77 | 221.30 | 0.07 |
| SP67 | 27/10/2007 | 59.93810034 | -155.2365924 | 1.89 | 0.134 | 9.30 | 6.38 | 133.80 | 0.08 |
| SP68 | 25/05/2007 | 59.90335668 | -155.1554679 | 3.31 | 0.052 | 11.44 | 6.35 | 181.30 | 0.42 |
| SP68 | 02/08/2007 | 59.90335668 | -155.1554679 | 3.41 | 0.058 | 7.61 | 6.93 | 184.90 | 2.10 |
| SP68 | 06/09/2007 | 59.90335668 | -155.1554679 | 3.08 | 0.033 | 10.11 | 6.18 | 181.70 | 0.10 |
| SP68 | 26/10/2007 | 59.90335668 | -155.1554679 | 2.89 | 0.054 | 7.71 | 6.56 | 163.00 | 0.08 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP69 | 25/05/2007 | 59.95500002 | -155.255528 | 2.04 | 0.178 | 9.86 | 7.02 | 195.50 | 0.14 |
| SP69 | 02/08/2007 | 59.95500002 | -155.255528 | 2.16 | 0.175 | 7.10 | 7.03 | 214.50 | 0.42 |
| SP69 | 08/09/2007 | 59.95500002 | -155.255528 | 2.21 | 0.178 | 7.99 | 7.01 | 188.70 | 0.14 |
| SP69 | 27/10/2007 | 59.95500002 | -155.255528 | 1.99 | 0.016 | 8.10 | 6.65 | 120.50 | 0.06 |
| SP70 | 26/05/2007 | 59.94572637 | -155.3012221 | 4.19 | 0.091 | 7.97 | 6.50 | 148.30 | 0.12 |
| SP70 | 02/08/2007 | 59.94572637 | -155.3012221 | 5.28 | 0.108 | 6.55 | 6.98 | 203.00 | 0.23 |
| SP70 | 08/09/2007 | 59.94572637 | -155.3012221 | 5.44 | 0.11 | 6.94 | 6.62 | 193.30 | 0.19 |
| SP70 | 27/10/2007 | 59.94572637 | -155.3012221 | 4.37 | 0.077 | 7.78 | 6.72 | 123.50 | 0.16 |
| SP71 | 26/05/2007 | 59.9475522 | -155.1937291 | 1.41 | 0.045 | 10.13 | 6.07 | 165.50 | 0.12 |
| SP71 | 03/08/2007 | 59.9475522 | -155.1937291 | 2.11 | 0.066 | 9.18 | 7.46 | 62.30 | 0.04 |
| SP71 | 06/09/2007 | 59.9475522 | -155.1937291 | 2.26 | 0.059 | 10.42 | 6.17 | 228.10 | 0.09 |
| SP71 | 26/10/2007 | 59.9475522 | -155.1937291 | 2.27 | 0.055 | 10.20 | 6.18 | 221.00 | 0.15 |
| SP72 | 26/05/2007 | 59.92905778 | -155.2815821 | 0.96 | 0.086 | 9.67 | 6.35 | 109.10 | 1.95 |
| SP72 | 02/08/2007 | 59.92905778 | -155.2815821 | 2.60 | 0.09 | 9.23 | 6.66 | 52.90 | 1.44 |
| SP72 | 05/09/2007 | 59.92905778 | -155.2815821 | 3.78 | 0.075 | 8.56 | 6.66 | 126.70 | 0.17 |
| SP72 | 26/10/2007 | 59.92905778 | -155.2815821 | 1.15 | 0.072 | 7.86 | 6.99 | 138.40 | 0.31 |
| SP73 | 27/05/2007 | 59.89133301 | -155.207417 | 1.94 | 0.038 | 10.12 | 6.40 | 136.30 | 0.19 |
| SP73 | 06/09/2007 | 59.89133301 | -155.207417 | 3.51 | 0.097 | 6.80 | 6.81 | 185.40 | 0.12 |
| SP73 | 26/10/2007 | 59.89133301 | -155.207417 | 1.96 | 0.074 | 9.41 | 6.46 | 204.70 | 0.41 |
| SP74 | 03/08/2007 | 59.89871001 | -155.1190031 | 4.92 | 0.033 | 10.04 | 7.09 | 205.20 | 0.28 |
| SP74 | 08/09/2007 | 59.89871001 | -155.1190031 | 6.45 | 0.035 | 8.22 | 6.03 | 191.90 | 2.01 |
| SP74 | 26/10/2007 | 59.89871001 | -155.1190031 | 3.64 | 0.033 | 8.67 | 5.44 | 230.20 | 0.16 |
| SP75 | 03/08/2007 | 59.87430585 | -155.1407394 | 7.84 | 0.025 | 9.44 | 6.08 | 179.00 | 0.15 |
| SP75 | 06/09/2007 | 59.87430585 | -155.1407394 | 7.10 | 0.021 | 8.75 | 6.20 | 171.40 | 0.09 |
| SP75 | 06/09/2007 | 59.87430585 | -155.1407394 | 7.10 | 0.021 | 8.75 | 6.20 | 171.40 | 0.09 |
| SP75 | 27/10/2007 | 59.87430585 | -155.1407394 | 1.85 | 0.027 | 8.45 | 6.48 | 160.90 | 0.12 |
| SP76 | 03/08/2007 | 59.85917106 | -155.1521672 | 4.02 | 0.048 | 10.09 | 6.40 | 176.90 | 0.06 |
| SP76 | 06/09/2007 | 59.85917106 | -155.1521672 | 4.09 | 0.049 | 9.34 | 7.01 | 158.40 | 0.05 |
| SP76 | 25/10/2007 | 59.85917106 | -155.1521672 | 4.05 | 0.048 | 10.44 | 7.23 | 215.10 | 0.06 |
| SP77 | 03/08/2007 | 59.84491889 | -155.1460702 | 3.01 | 0.027 | 11.83 | 6.83 | 195.90 | 0.13 |
| SP77 | 08/09/2007 | 59.84491889 | -155.1460702 | 3.26 | 0.013 | 9.41 | 6.72 | 207.40 | 0.06 |
| SP77 | 25/10/2007 | 59.84491889 | -155.1460702 | 2.70 | 0.015 | 11.87 | 7.23 | 177.80 | 0.09 |
| SP78 | 03/08/2007 | 59.83486656 | -155.1548902 | 2.82 | 0.061 | 11.21 | 7.25 | 151.40 | 0.54 |
| SP78 | 06/09/2007 | 59.83486656 | -155.1548902 | 2.81 | 0.062 | 10.48 | 8.13 | 126.30 | 0.06 |
| SP78 | 25/10/2007 | 59.83486656 | -155.1548902 | 2.53 | 0.07 | 11.40 | 8.59 | 205.00 | 0.19 |
| SP79 | 03/08/2007 | 59.83387859 | -155.1635153 | 3.21 | 0.061 | 10.06 | 6.97 | 159.60 | 0.11 |
| SP79 | 06/09/2007 | 59.83387859 | -155.1635153 | 3.20 | 0.07 | 9.59 | 6.84 | 157.20 | 0.05 |
| SP79 | 25/10/2007 | 59.83387859 | -155.1635153 | 3.15 | 0.075 | 10.58 | 7.39 | 216.30 | 0.14 |
| SP80 | 04/08/2007 | 59.83137801 | -155.1209457 | 3.65 | 0.068 | 8.89 | 7.41 | 33.80 | 0.08 |
| SP80 | 07/09/2007 | 59.83137801 | -155.1209457 | 3.88 | 0.068 | 9.81 | 7.15 | 156.30 | 0.10 |
| SP80 | 25/10/2007 | 59.83137801 | -155.1209457 | 3.03 | 0.061 | 11.04 | 7.56 | 171.00 | 0.11 |
| SP81 | 04/08/2007 | 59.82524472 | -155.1576368 | 3.30 | 0.066 | 9.53 | 7.87 | 13.10 | 1.24 |
| SP81 | 07/09/2007 | 59.82524472 | -155.1576368 | 3.37 | 0.067 | 10.42 | 8.16 | 187.80 | 0.23 |
| SP81 | 25/10/2007 | 59.82524472 | -155.1576368 | 3.29 | 0.063 | 11.09 | 7.86 | 173.40 | 0.08 |
| SP82 | 04/08/2007 | 59.78920195 | -155.145485 | 3.21 | 0.03 | 9.72 | 7.58 | 36.90 | 0.26 |
| SP82 | 09/09/2007 | 59.78920195 | -155.145485 | 3.25 | 0.024 | 10.26 | 6.17 | 214.30 | 0.17 |
| SP82 | 28/10/2007 | 59.78920195 | -155.145485 | 3.09 | 0.03 | 10.53 | 6.14 | 115.90 | 0.01 |
| SP83 | 04/08/2007 | 59.79451516 | -155.1922105 | 2.99 | 0.041 | 9.10 | 7.29 | 29.30 | 0.33 |
| SP83 | 09/09/2007 | 59.79451516 | -155.1922105 | 4.08 | 0.042 | 10.21 | 6.38 | 201.40 | 0.12 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP83 | 28/10/2007 | 59.79451516 | -155.1922105 | 3.55 | 0.037 | 10.36 | 6.41 | 111.80 | 0.05 |
| SP84 | 04/08/2007 | 59.79291924 | -155.2192662 | 2.95 | 0.061 | 9.12 | 7.47 | 19.00 | 0.42 |
| SP84 | 07/09/2007 | 59.79291924 | -155.2192662 | 3.08 | 0.059 | 10.60 | 7.57 | 200.10 | 0.07 |
| SP84 | 08/09/2007 | 59.79291924 | -155.2192662 | 3.04 | 0.061 | 9.17 | 8.00 | 209.50 | 0.17 |
| SP84 | 25/10/2007 | 59.79291924 | -155.2192662 | 2.91 | 0.048 | 11.71 | 8.06 | 202.40 | 0.17 |
| SP85 | 05/08/2007 | 59.82687341 | -155.3082647 | 2.86 | 0.052 | 9.96 | 6.91 | 210.90 | 0.23 |
| SP85 | 07/09/2007 | 59.82687341 | -155.3082647 | 3.01 | 0.03 | 10.13 | 6.42 | 171.60 | 0.13 |
| SP85 | 26/10/2007 | 59.82687341 | -155.3082647 | 2.67 | 0.051 | 7.06 | 6.58 | 162.70 | 0.06 |
| SP86 | 05/08/2007 | 59.82341428 | -155.3760223 | 3.42 | 0.03 | 11.06 | 5.35 | 254.60 | 0.24 |
| SP86 | 08/09/2007 | 59.82341428 | -155.3760223 | 4.04 | 0.031 | 8.43 | 5.68 | 246.90 | 0.10 |
| SP86 | 23/10/2007 | 59.82341428 | -155.3760223 | 3.31 | 0.03 | 8.32 | 4.80 | 291.80 | 0.08 |
| SP87 | 05/08/2007 | 59.81751929 | -155.4112902 | 3.28 | 0.041 | 11.02 | 5.48 | 252.60 | 0.60 |
| SP87 | 08/09/2007 | 59.81751929 | -155.4112902 | 3.46 | 0.029 | 9.51 | 5.48 | 253.90 | 0.11 |
| SP87 | 23/10/2007 | 59.81751929 | -155.4112902 | 3.66 | 0.039 | 6.42 | 5.58 | 259.40 | 0.14 |
| SP88 | 05/08/2007 | 59.81587166 | -155.4560971 | 5.44 | 0.025 | 11.21 | 5.90 | 231.20 | 0.18 |
| SP88 | 05/09/2007 | 59.81587166 | -155.4560971 | 5.84 | 0.013 | 9.20 | 6.49 | 141.30 | 0.07 |
| SP88 | 23/10/2007 | 59.81587166 | -155.4560971 | 2.01 | 0.025 | 9.22 | 6.09 | 247.40 | 0.10 |
| SP89 | 05/08/2007 | 59.78545927 | -155.3077758 | 2.95 | 0.049 | 10.85 | 6.26 | 223.70 | 0.48 |
| SP89 | 05/09/2007 | 59.78545927 | -155.3077758 | 3.01 | 0.052 | 8.90 | 6.46 | 155.00 | 0.11 |
| SP89 | 25/10/2007 | 59.78545927 | -155.3077758 | 3.00 | 0.05 | 12.20 | 6.70 | 228.60 | 0.08 |
| SP90 | 06/08/2007 | 59.85554866 | -155.2400124 | 2.15 | 0.017 | 11.75 | 6.94 | 228.00 | 0.14 |
| SP90 | 08/09/2007 | 59.85554866 | -155.2400124 | 2.54 | 0.018 | 9.56 | 5.69 | 174.90 | 0.06 |
| SP90 | 26/10/2007 | 59.85554866 | -155.2400124 | 1.66 | 0.02 | 7.69 | 5.87 | 187.60 | 0.08 |
| SP91 | 06/08/2007 | 59.86811983 | -155.2529088 | 3.22 | 0.031 | 10.62 | 7.33 | 208.10 | 0.40 |
| SP91 | 08/09/2007 | 59.86811983 | -155.2529088 | 3.21 | 0.033 | 8.77 | 6.34 | 150.20 | 0.21 |
| SP91 | 26/10/2007 | 59.86811983 | -155.2529088 | 3.39 | 0.022 | 6.77 | 6.28 | 158.20 | 0.14 |
| SP92 | 06/08/2007 | 59.87233434 | -155.3489802 | 5.11 | 0.072 | 11.10 | 7.07 | 160.50 | 0.11 |
| SP92 | 05/09/2007 | 59.87233434 | -155.3489802 | 5.31 | 0.081 | 9.22 | 6.86 | 147.80 | 0.11 |
| SP92 | 26/10/2007 | 59.87233434 | -155.3489802 | 1.87 | 0.07 | 10.97 | 7.14 | 197.30 | 0.17 |
| SP93 | 06/08/2007 | 59.87243123 | -155.3840034 | 1.78 | 0.043 | 12.14 | 6.99 | 161.00 | 0.38 |
| SP93 | 04/09/2007 | 59.87243123 | -155.3840034 | 1.76 | 0.037 | 12.41 | 6.80 | 214.00 | 0.08 |
| SP93 | 22/10/2007 | 59.87243123 | -155.3840034 | 1.32 | 0.05 | 11.66 | 7.23 | 207.00 | 0.05 |
| SP94 | 06/08/2007 | 59.86116713 | -155.3872876 | 3.44 | 0.039 | 10.59 | 6.56 | 165.90 | 0.12 |
| SP94 | 04/09/2007 | 59.86116713 | -155.3872876 | 2.94 | 0.044 | 11.19 | 6.53 | 163.00 | 0.07 |
| SP94 | 22/10/2007 | 59.86116713 | -155.3872876 | 2.59 | 0.044 | 9.67 | 6.53 | 226.20 | 0.05 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|-------|------------|-------------|--------------|------|-------|-------|------|--------|------|
| SP95 | 06/08/2007 | 59.85575762 | -155.4057786 | 2.87 | 0.041 | 9.56 | 6.77 | 158.40 | 0.28 |
| SP95 | 04/09/2007 | 59.85575762 | -155.4057786 | 2.90 | 0.045 | 9.49 | 6.68 | 171.70 | 0.07 |
| SP95 | 22/10/2007 | 59.85575762 | -155.4057786 | 2.85 | 0.052 | 9.38 | 6.79 | 237.40 | 0.05 |
| SP96 | 06/08/2007 | 59.84826118 | -155.4107147 | 3.21 | 0.085 | 10.71 | 7.11 | 145.20 | 0.41 |
| SP96 | 04/09/2007 | 59.84826118 | -155.4107147 | 2.93 | 0.092 | 10.87 | 7.29 | 124.40 | 0.09 |
| SP96 | 22/10/2007 | 59.84826118 | -155.4107147 | 2.32 | 0.087 | 10.07 | 7.43 | 237.40 | 0.05 |
| SP97 | 07/08/2007 | 59.85886445 | -155.4550249 | 2.56 | 0.066 | 12.40 | 7.64 | 207.00 | 0.45 |
| SP97 | 04/09/2007 | 59.85886445 | -155.4550249 | 2.57 | 0.067 | 11.48 | 7.12 | 124.50 | 0.07 |
| SP97 | 22/10/2007 | 59.85886445 | -155.4550249 | 2.05 | 0.063 | 10.22 | 7.41 | 243.50 | 0.07 |
| SP98 | 07/08/2007 | 59.87246376 | -155.4567591 | 3.01 | 0.042 | 11.19 | 6.68 | 187.40 | 0.36 |
| SP98 | 04/09/2007 | 59.87246376 | -155.4567591 | 3.09 | 0.041 | 10.64 | 6.71 | 151.40 | 0.06 |
| SP98 | 22/10/2007 | 59.87246376 | -155.4567591 | 3.07 | 0.037 | 9.29 | 6.36 | 252.60 | 0.07 |
| SP99 | 07/08/2007 | 59.88721012 | -155.5465007 | 3.73 | 0.016 | 11.84 | 5.73 | 223.50 | 0.72 |
| SP99 | 05/09/2007 | 59.88721012 | -155.5465007 | 3.78 | 0.019 | 8.91 | 5.74 | 145.50 | 0.11 |
| SP99 | 27/10/2007 | 59.88721012 | -155.5465007 | 3.42 | 0.017 | 8.41 | 6.25 | 139.30 | 0.21 |
| SRK01 | 07/10/2006 | 59.91388 | -155.28866 | 4.09 | 0.113 | 5.56 | 5.83 | 79.10 | 0.12 |
| SRK01 | 27/05/2007 | 59.91388 | -155.28866 | 2.71 | 0.077 | 7.57 | 5.41 | 241.10 | 0.84 |
| SRK01 | 21/10/2007 | 59.91388 | -155.28866 | 2.53 | 0.13 | 4.27 | 5.68 | 98.40 | 0.12 |
| SRK02 | 08/10/2006 | 59.90054296 | -155.3110133 | 4.52 | 0.075 | 5.40 | 5.80 | 62.70 | 1.29 |
| SRK02 | 27/05/2007 | 59.90054296 | -155.3110133 | 3.21 | 0.09 | 9.42 | 6.64 | 215.90 | 0.41 |
| SRK02 | 27/10/2007 | 59.90054296 | -155.3110133 | 2.86 | 0.074 | 7.61 | 6.42 | 120.40 | 0.14 |
| SRK04 | 08/10/2006 | 59.89990694 | -155.3115219 | 5.16 | 0.046 | 6.20 | 5.80 | 159.40 | 0.62 |
| SRK04 | 28/05/2007 | 59.89990694 | -155.3115219 | 3.46 | 0.124 | 1.40 | 6.44 | 22.00 | 7.35 |
| SRK04 | 27/10/2007 | 59.89990694 | -155.3115219 | 0.37 | 0.057 | 9.40 | 6.62 | 93.80 | 0.40 |
| SRK06 | 07/10/2006 | 59.8989535 | -155.2899228 | 6.54 | 0.08 | 7.87 | 3.58 | 411.60 | 3.86 |
| SRK06 | 27/05/2007 | 59.8989535 | -155.2899228 | 8.79 | 0.145 | 8.73 | 3.83 | 414.60 | 0.42 |
| SRK08 | 07/10/2006 | 59.89985154 | -155.292064 | 4.29 | 0.273 | 6.19 | 3.35 | 545.90 | 1.49 |
| SRK08 | 27/05/2007 | 59.89985154 | -155.292064 | 4.02 | 0.423 | 9.40 | 3.34 | 490.30 | 0.40 |
| SRK08 | 21/10/2007 | 59.89985154 | -155.292064 | 1.10 | 0.292 | 7.01 | 3.30 | 351.90 | 0.05 |
| SRK09 | 07/10/2006 | 59.90428674 | -155.2932173 | 4.03 | 0.167 | 8.29 | 3.70 | 437.30 | 1.11 |
| SRK09 | 27/05/2007 | 59.90428674 | -155.2932173 | 1.61 | 0.278 | 8.35 | 2.99 | 511.10 | 0.58 |
| SRK09 | 21/10/2007 | 59.90428674 | -155.2932173 | 2.12 | 0.182 | 8.50 | 3.54 | 300.30 | 0.27 |
| SRK10 | 07/10/2006 | 59.90544445 | -155.2933987 | 2.96 | 0.332 | 8.10 | 3.19 | 561.70 | 3.32 |
| SRK10 | 21/10/2007 | 59.90544445 | -155.2933987 | 2.09 | 0.343 | 7.75 | 2.91 | 512.80 | 0.50 |
| SRK11 | 07/10/2006 | 59.90470114 | -155.29145 | 3.17 | 0.108 | 6.99 | 3.98 | 247.80 | 1.81 |
| SRK11 | 27/05/2007 | 59.90470114 | -155.29145 | 2.69 | 0.11 | 8.27 | 3.86 | 404.20 | 0.18 |
| SRK11 | 21/10/2007 | 59.90470114 | -155.29145 | 2.73 | 0.073 | 7.06 | 4.09 | 233.40 | 0.45 |
| SRK12 | 07/10/2006 | 59.90465169 | -155.290482 | 5.13 | 0.419 | 5.16 | 2.28 | 500.10 | 0.60 |
| SRK12 | 27/05/2007 | 59.90465169 | -155.290482 | 2.47 | 0.136 | 8.97 | 3.13 | 460.90 | 0.39 |
| SRK13 | 07/10/2006 | 59.90537622 | -155.290334 | 3.96 | 0.193 | 6.51 | 3.61 | 542.50 | 0.13 |
| SRK13 | 27/05/2007 | 59.90537622 | -155.290334 | 1.22 | 0.128 | 10.51 | 3.32 | 510.00 | 0.12 |
| SRK13 | 21/10/2007 | 59.90537622 | -155.290334 | 2.10 | 0.236 | 7.04 | 3.40 | 470.40 | 0.07 |
| SRK15 | 07/10/2006 | 59.90604158 | -155.2888607 | 5.64 | 0.275 | 7.21 | 3.08 | 480.10 | 0.43 |
| SRK15 | 27/05/2007 | 59.90604158 | -155.2888607 | 8.33 | 0.204 | 9.95 | 3.36 | 415.80 | 0.12 |
| SRK17 | 07/10/2006 | 59.90984218 | -155.290044 | 5.64 | 0.09 | 7.58 | 5.46 | 282.20 | 0.25 |
| SRK17 | 27/05/2007 | 59.90984218 | -155.290044 | 3.24 | 0.112 | 6.80 | 5.26 | 125.10 | 1.01 |
| SRK17 | 21/10/2007 | 59.90984218 | -155.290044 | 2.54 | 0.112 | 6.64 | 5.57 | 145.70 | 0.02 |
| SRK18 | 08/10/2006 | 59.8924411 | -155.3030428 | 4.16 | 0.098 | 6.24 | 6.12 | 197.30 | 0.28 |
| SRK18 | 27/05/2007 | 59.8924411 | -155.3030428 | 3.69 | 0.108 | 8.21 | 5.84 | 196.80 | 0.29 |

2004-2007 Pebble Deposit Area Seep Water Field Analysis Results Summary

| | | | | | | | | | |
|--------|------------|-------------|--------------|-------|-------|------|------|--------|------|
| SRK18 | 21/10/2007 | 59.8924411 | -155.3030428 | 2.19 | 0.166 | 7.00 | 5.94 | 99.60 | 0.58 |
| SRK19 | 08/10/2006 | 59.89331223 | -155.3043616 | 5.58 | 0.122 | 5.19 | 6.48 | 224.20 | 0.45 |
| SRK19 | 27/05/2007 | 59.89331223 | -155.3043616 | 11.10 | 0.145 | 8.31 | 6.38 | 153.00 | 0.28 |
| SRK19 | 21/10/2007 | 59.89331223 | -155.3043616 | 2.86 | 0.149 | 7.78 | 5.81 | 99.70 | 0.16 |
| SRKST6 | 08/10/2006 | 59.89914436 | -155.2900395 | 5.59 | 0.117 | 7.55 | 4.05 | 401.90 | 1.03 |
| SRKST6 | 21/10/2007 | 59.89914436 | -155.2900395 | 0.03 | 0.244 | 8.56 | 3.38 | 472.10 | 0.16 |

Key: ORP = Oxidation-Reduction potential
 NTU = Nephelometric Turbidity Units

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP0104 | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 16.0 | 36.0 | 33.8 | 0.800 | 3.20 | | | | 0.0155 | | 0.555 | 0.0155 | 4.88 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/16/04 | 6.13 | 25 | 30 | 0.075 | 1.57 | 0.57 | | | 0.0155 | | 0.757 | | 0.685 | 0.00125 | 0.00125 | 0.20 | 0.0397 | |
| | Mean | 11.1 | 31 | 32 | 0.44 | 2.39 | 0.57 | NA | NA | 0.0155 | NA | 0.656 | 0.0155 | 2.78 | 0.00125 | 0.00125 | 0.13 | 0.0276 | |
| | Median | 11.1 | 31 | 32 | 0.44 | 2.39 | 0.57 | NA | NA | 0.0155 | NA | 0.656 | 0.0155 | 2.78 | 0.00125 | 0.00125 | 0.13 | 0.0276 | |
| | St. Deviation | 7 | 8 | 3 | 0.51 | 1.15 | NA | NA | NA | 0 | NA | 0.143 | NA | 2.97 | 0 | 0 | 0.1 | 0.0171 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 6.13 | 25 | 30 | 0.075 | 1.57 | 0.57 | NA | NA | 0.0155 | NA | 0.555 | 0.0155 | 0.685 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 16 | 36 | 33.8 | 0.8 | 3.2 | 0.57 | NA | NA | 0.0155 | NA | 0.757 | 0.0155 | 4.88 | 0.00125 | 0.00125 | 0.2 | 0.0397 | |
| | % of values undetected | | | | 50% | 50% | | | | 100% | | | 200% | | 100% | 100% | 50% | 50% | |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | | | | | | 1 | 1 | |
| SP0105 | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 28.3 | 28.5 | 36.3 | 0.408 | 2 | 0.902 | | | 0.233 | | 0.615 | 0.0155 | 4.71 | 0.0046 | 0.0028 | 0.64 | 0.0155 | |
| | 10/07/05 | 9.74 | 28.5 | 5 | 0.8 | 0.785 | 1.09 | | | 0.014 | | 0.629 | 0.05 | 3.4 | 0.00125 | 0.00125 | 0.71 | 0.038 | |
| | 06/27/06 | 9.91 | 27.0 | 40.0 | 3.37 | 2.00 | 0.112 | 0.050 | 0.0790 | 0.0110 | 0.0700 | 0.713 | 0.0340 | 3.37 | 0.0025 | 0.0025 | 0.155 | 0.050 | |
| | 08/27/06 | 9.72 | 25.0 | 41.2 | 0.075 | 1.57 | 0.0920 | 0.0155 | 0.0920 | 0.0137 | 0.0155 | 0.644 | 0.0370 | 3.06 | 0.0025 | 0.0025 | 0.155 | 0.0155 | |
| | 10/04/06 | 9.63 | 27.0 | 23.8 | 0.0775 | 1.57 | 0.0810 | 0.0155 | 0.0650 | 0.0140 | 0.0400 | 0.684 | 0.0330 | 3.69 | 0.00075 | 0.0025 | 0.155 | 0.050 | |
| | 08/06/07 | 17 | 43 | 30 | 2.5 | 1 | 0.13 | | | 0.02 | | 0.9 | 0.05 | 6.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 19 | 44 | 30 | 2.5 | 1 | 0.15 | | | 0.005 | | 0.9 | 0.05 | 7.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 16 | 37 | 40 | 2.5 | 1 | 0.11 | | | 0.005 | | 0.8 | 0.05 | 4.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 14.9 | 33 | 31 | 1.5 | 1.4 | 0.3 | 0.027 | 0.079 | 0.04 | 0.042 | 0.736 | 0.04 | 4.53 | 0.0024 | 0.0024 | 0.25 | 0.031 | |
| | Median | 13 | 29 | 33 | 1.7 | 1.3 | 0.1 | 0.016 | 0.079 | 0.01 | 0.04 | 0.699 | 0.044 | 3.85 | 0.0025 | 0.0025 | 0.16 | 0.025 | |
| | St. Deviation | 6.6 | 8 | 12 | 1.3 | 0.5 | 0.4 | 0.02 | 0.014 | 0.08 | 0.027 | 0.117 | 0.013 | 1.63 | 0.0011 | 0.0005 | 0.27 | 0.014 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 9.63 | 25 | 5 | 0.075 | 0.785 | 0.081 | 0.0155 | 0.065 | 0.005 | 0.0155 | 0.615 | 0.0155 | 3.06 | 0.00075 | 0.00125 | 0.05 | 0.0155 | |
| | Maximum | 28.3 | 44 | 41.2 | 3.37 | 2 | 1.09 | 0.05 | 0.092 | 0.233 | 0.07 | 0.9 | 0.05 | 7.5 | 0.0046 | 0.0028 | 0.71 | 0.05 | |
| | % of values undetected | | | | 63% | 75% | | 100% | | 25% | 89% | | 63% | | 88% | 88% | 75% | 88% | |
| | # of values between MDL and PQL | | | 1 | 1 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 3 | | 1 | 1 | 2 | 1 | |
| SP0204 | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 13.2 | 33.0 | 25.0 | 0.300 | 1.57 | | | | 0.0155 | | 0.699 | 0.050 | 3.39 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/16/04 | 74.1 | 180 | 121 | 2.9 | 1.57 | 0.57 | | | 0.0155 | | 0.796 | 0.063 | 22 | 0.00125 | 0.00125 | 0.37 | 0.044 | |
| | Mean | 43.7 | 110 | 73 | 1.6 | 1.57 | 0.57 | NA | NA | 0.0155 | NA | 0.748 | 0.057 | 12.7 | 0.00125 | 0.00125 | 0.22 | 0.0298 | |
| | Median | 43.7 | 110 | 73 | 1.6 | 1.57 | 0.57 | NA | NA | 0.0155 | NA | 0.748 | 0.057 | 12.7 | 0.00125 | 0.00125 | 0.22 | 0.0298 | |
| | St. Deviation | 43.1 | 100 | 68 | 1.8 | 0 | NA | NA | NA | 0 | NA | 0.069 | 0.009 | 13.2 | 0 | 0 | 0.22 | 0.0202 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 13.2 | 33 | 25 | 0.3 | 1.57 | 0.57 | NA | NA | 0.0155 | NA | 0.699 | 0.05 | 3.39 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 74.1 | 180 | 121 | 2.9 | 1.57 | 0.57 | NA | NA | 0.0155 | NA | 0.796 | 0.063 | 22 | 0.00125 | 0.00125 | 0.37 | 0.044 | |
| | % of values undetected | | | | | 100% | | | | 100% | | | 50% | | 100% | 100% | 50% | 50% | |
| | # of values between MDL and PQL | | | | 1 | | 1 | | | | | | 1 | | | | 1 | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 33.6 | 33.1 | 0.100 | 0.100 | 0.125 | 0.125 | 6.39 | 6.35 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.050 | 0.0396 | 4580 | 4660 | 0.050 | 0.100 | 0.0540 | |
| | 09/16/04 | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 1.6 | 1.48 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1930 | 1900 | 0.154 | 0.105 | 0.0155 | |
| | Mean | 23.1 | 22.8 | 0.07 | 0.07 | 0.125 | 0.125 | 4 | 3.92 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.033 | 0.0276 | 3260 | 3280 | 0.1 | 0.1 | 0.0348 | NA |
| | Median | 23.1 | 22.8 | 0.07 | 0.07 | 0.125 | 0.125 | 4 | 3.92 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.033 | 0.0276 | 3260 | 3280 | 0.1 | 0.1 | 0.0348 | NA |
| | St. Deviation | 14.9 | 14.6 | 0.04 | 0.04 | 0 | 0 | 3.39 | 3.44 | 0 | 0 | 0 | 0 | 0 | 0 | 0.024 | 0.017 | 1870 | 1950 | 0.07 | 0 | 0.0272 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| | Minimum | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 1.6 | 1.48 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1930 | 1900 | 0.05 | 0.1 | 0.0155 | NA |
| | Maximum | 33.6 | 33.1 | 0.1 | 0.1 | 0.125 | 0.125 | 6.39 | 6.35 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.05 | 0.0396 | 4580 | 4660 | 0.154 | 0.105 | 0.054 | NA |
| | % of values undetected | 50% | 50% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 50% | | | | 50% | 50% | 50% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | 1 | | | | 1 | 1 | 1 | |
| SP0105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 7.64 | 3.76 | 0.166 | 0.07 | 10 | 3.92 | 0.927 | 0.408 | 0.01875 | 0.0075 | 0.0039 | 0.00155 | 5 | 5 | 0.0194 | 0.00775 | 9420 | 3680 | 0.804 | 0.377 | 0.0104 | 0.0106 |
| | 10/07/05 | 2.54 | 2.63 | 0.0738 | 0.0892 | 3.61 | 3.81 | 0.374 | 0.453 | 0.0075 | 0.0075 | 0.00155 | 0.0114 | 5 | 4.6 | 0.00775 | 0.00775 | 3180 | 3220 | 0.389 | 0.175 | 0.0116 | |
| | 06/27/06 | 2.50 | 2.36 | 0.0806 | 0.0836 | 4.20 | 3.75 | 0.404 | | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 3280 | 2980 | 0.050 | 0.050 | 0.0100 | 0.0100 |
| | 08/27/06 | 2.88 | 1.74 | 0.0075 | 0.0075 | 4.30 | 4.73 | 0.355 | 0.380 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 3250 | 3630 | 0.172 | 0.327 | 0.0065 | 0.0134 |
| | 10/04/06 | 1.00 | 1.00 | 0.0688 | 0.0578 | 4.11 | 4.14 | 0.381 | 0.384 | 0.0125 | 0.0125 | 0.0184 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 3200 | 3420 | 0.050 | 0.050 | 0.0065 | 0.0065 |
| | 08/06/07 | 10 | 2.5 | 0.2 | 0.2 | 6.7 | 6.3 | 1.3 | 1 | 0.05 | 0.05 | 20 | 20 | 1 | 1.1 | 0.05 | 0.05 | 5300 | 5700 | 0.3 | 0.3 | 0.025 | 0.025 |
| | 09/06/07 | 14 | 2.5 | 0.2 | 0.2 | 5.9 | 6.2 | 0.6 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.2 | 0.05 | 0.05 | 5800 | 6400 | 0.25 | 0.05 | 0.05 | 0.025 |
| | 10/26/07 | 9 | 2.5 | 0.2 | 0.2 | 7.9 | 7.4 | 1.6 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.8 | 0.05 | 0.05 | 4800 | 5200 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 6 | 2.37 | 0.125 | 0.11 | 6 | 5.03 | 0.74 | 0.53 | 0.027 | 0.025 | 8 | 8 | 2.1 | 2.1 | 0.0283 | 0.0269 | 4780 | 4280 | 0.33 | 0.2 | 0.018 | 0.017 |
| | Median | 5 | 2.5 | 0.123 | 0.09 | 5 | 4.44 | 0.5 | 0.41 | 0.016 | 0.013 | 0 | 0 | 1.3 | 1.3 | 0.019 | 0.0185 | 4040 | 3660 | 0.28 | 0.21 | 0.011 | 0.013 |
| | St. Deviation | 5 | 0.79 | 0.076 | 0.08 | 2 | 1.41 | 0.48 | 0.27 | 0.02 | 0.021 | 10 | 10 | 1.8 | 1.7 | 0.0183 | 0.0196 | 2150 | 1290 | 0.26 | 0.14 | 0.015 | 0.008 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 1 | 1 | 0.0075 | 0.0075 | 3.61 | 3.75 | 0.355 | 0.38 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 0.75 | 0.00775 | 0.00775 | 3180 | 2980 | 0.05 | 0.05 | 0.0065 | 0.0065 |
| | Maximum | 14 | 3.76 | 0.2 | 0.2 | 10 | 7.4 | 1.6 | 1 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.05 | 0.05 | 9420 | 6400 | 0.804 | 0.377 | 0.05 | 0.025 |
| | % of values undetected | 25% | 50% | 50% | 50% | | | | | 100% | 100% | 88% | 88% | 63% | 50% | 100% | 100% | | | 38% | 50% | 63% | 71% |
| | # of values between MDL and PQL | | 1 | | | | | | | | | 1 | | | 1 | | | | | 2 | 2 | 2 | 1 |
| SP0204 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 28.7 | 31.25 | 0.0385 | 0.0965 | 0.125 | 0.3125 | 5.02 | 5.60 | 0.0075 | 0.01875 | 0.75 | 1.875 | 1.55 | 1.55 | 0.0155 | 0.03875 | 3940 | 3980 | 0.050 | 0.125 | 0.0458 | |
| | 09/16/04 | 12.5 | 3.9 | 0.0385 | 0.0385 | 0.125 | 0.125 | 5.54 | 5.13 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 23300 | 22500 | 0.411 | 0.33 | 0.05 | |
| | Mean | 20.6 | 17.6 | 0.0385 | 0.0675 | 0.125 | 0.219 | 5.28 | 5.37 | 0.0075 | 0.0131 | 0.75 | 1.31 | 1.55 | 1.55 | 0.0155 | 0.0271 | 13600 | 13200 | 0.23 | 0.228 | 0.048 | NA |
| | Median | 20.6 | 17.6 | 0.0385 | 0.0675 | 0.125 | 0.219 | 5.28 | 5.37 | 0.0075 | 0.0131 | 0.75 | 1.31 | 1.55 | 1.55 | 0.0155 | 0.0271 | 13600 | 13200 | 0.23 | 0.228 | 0.048 | NA |
| | St. Deviation | 11.5 | 19.3 | 0 | 0.041 | 0 | 0.133 | 0.37 | 0.33 | 0 | 0.008 | 0 | 0.8 | 0 | 0 | 0.0164 | 0.0164 | 13700 | 13100 | 0.26 | 0.145 | 0.003 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| | Minimum | 12.5 | 3.9 | 0.0385 | 0.0385 | 0.125 | 0.125 | 5.02 | 5.13 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3940 | 3980 | 0.05 | 0.125 | 0.0458 | 0 |
| | Maximum | 28.7 | 31.25 | 0.0385 | 0.0965 | 0.125 | 0.3125 | 5.54 | 5.6 | 0.0075 | 0.01875 | 0.75 | 1.875 | 1.55 | 1.55 | 0.0155 | 0.03875 | 23300 | 22500 | 0.411 | 0.33 | 0.05 | 0 |
| | % of values undetected | 50% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | 50% | 50% | 50% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|---------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 0.508 | 0.525 | 30.6 | 17.5 | 0.050 | 0.050 | 1100 | 1110 | 1.58 | | 0.0023 | 0.155 | 0.155 | 0.201 | 0.401 | 638 | 647 | 0.155 | 0.155 | 2370 | 0.00310 | 0.00310 |
| | 09/16/04 | 0.1 | 0.1 | 3.1 | 3.1 | 0.05 | 0.05 | 320 | 313 | 0.25 | 0.5 | 0.0005 | 0.155 | 0.155 | 0.1 | 0.266 | 121 | 119 | 0.155 | 0.155 | 6710 | 0.0031 | 0.0031 |
| | Mean | 0.3 | 0.31 | 16.9 | 10.3 | 0.05 | 0.05 | 700 | 710 | 0.92 | 0.5 | 0.0014 | 0.155 | 0.155 | 0.15 | 0.334 | 380 | 383 | 0.155 | 0.155 | 4540 | 0.0031 | 0.0031 |
| | Median | 0.3 | 0.31 | 16.9 | 10.3 | 0.05 | 0.05 | 700 | 710 | 0.92 | 0.5 | 0.0014 | 0.155 | 0.155 | 0.15 | 0.334 | 380 | 383 | 0.155 | 0.155 | 4540 | 0.0031 | 0.0031 |
| | St. Deviation | 0.29 | 0.3 | 19.4 | 10.2 | 0 | 0 | 600 | 560 | 0.94 | NA | 0.0013 | 0 | 0 | 0.07 | 0.095 | 366 | 373 | 0 | 0 | 3070 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.1 | 0.1 | 3.1 | 3.1 | 0.05 | 0.05 | 320 | 313 | 0.25 | 0.5 | 0.0005 | 0.155 | 0.155 | 0.1 | 0.266 | 121 | 119 | 0.155 | 0.155 | 2370 | 0.0031 | 0.0031 |
| | Maximum | 0.508 | 0.525 | 30.6 | 17.5 | 0.05 | 0.05 | 1100 | 1110 | 1.58 | 0.5 | 0.0023 | 0.155 | 0.155 | 0.201 | 0.401 | 638 | 647 | 0.155 | 0.155 | 6710 | 0.0031 | 0.0031 |
| | % of values undetected | 50% | 50% | 50% | 50% | 100% | 100% | | | | 50% | 100% | 100% | 100% | 50% | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | | | | | | | | | | |
| SP0105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.125 | 0.193 | 7.75 | 3.1 | 0.03875 | 0.05 | 1170 | 454 | 0.0775 | 0.1 | 0.000450 | 2.34 | 0.917 | 0.291 | 0.259 | 387 | 158 | 0.194 | 0.0775 | 2700 | 0.00775 | 0.0031 |
| | 10/07/05 | 0.0768 | | 3.1 | 3.1 | 0.0155 | | 436 | 417 | 0.0708 | 0.143 | 0.000450 | 0.703 | | 0.157 | | 139 | 157 | 0.0775 | 0.0775 | 3010 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.050 | 0.050 | 3.10 | 3.10 | 0.0250 | 0.0250 | 418 | 402 | 0.0734 | 0.0250 | 0.000475 | 0.744 | 0.696 | 0.100 | 0.100 | 147 | 135 | 0.155 | 0.155 | 2860 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.0788 | 0.0912 | 3.10 | 3.10 | 0.137 | 0.0155 | 390 | 403 | 0.0464 | 0.0350 | 0.0025 | 0.749 | 0.779 | 0.134 | 0.156 | 140 | 156 | 0.155 | 0.155 | 2740 | 0.0031 | 0.0031 |
| | 10/04/06 | 0.110 | 0.050 | 3.10 | 9.43 | 0.0316 | 0.0155 | 399 | 441 | 0.0250 | 0.0250 | 0.000475 | 0.897 | 0.909 | 0.0832 | 0.115 | 125 | 145 | 0.155 | 0.155 | 2810 | 0.0031 | 0.0031 |
| | 08/06/07 | 0.7 | 0.25 | 25 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.0025 | 1 | 1 | 0.3 | 0.3 | 150 | 1000 | 0.2 | 0.2 | 2900 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 30 | 25 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.2 | 0.2 | 2900 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 600 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3000 | 0.025 | 0.025 |
| | Mean | 0.21 | 0.16 | 11 | 8 | 0.05 | 0.04 | 540 | 502 | 0.13 | 0.13 | 0.00119 | 1.18 | 1.04 | 0.21 | 0.22 | 174 | 260 | 0.148 | 0.134 | 2870 | 0.012 | 0.011 |
| | Median | 0.12 | 0.19 | 5 | 6 | 0.044 | 0.05 | 430 | 448 | 0.075 | 0.12 | 0.00047 | 0.95 | 0.92 | 0.22 | 0.26 | 149 | 150 | 0.155 | 0.155 | 2880 | 0.005 | 0.003 |
| | St. Deviation | 0.21 | 0.1 | 11 | 8 | 0.038 | 0.02 | 260 | 114 | 0.1 | 0.1 | 0.00109 | 0.57 | 0.33 | 0.1 | 0.09 | 87 | 300 | 0.056 | 0.058 | 110 | 0.011 | 0.011 |
| | # of values | 8 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.05 | 0.05 | 3.1 | 3.1 | 0.0155 | 0.0155 | 390 | 402 | 0.025 | 0.025 | 0.000169 | 0.703 | 0.696 | 0.0832 | 0.1 | 125 | 135 | 0.05 | 0.05 | 2700 | 0.0031 | 0.0031 |
| | Maximum | 0.7 | 0.25 | 30 | 25 | 0.137 | 0.05 | 1170 | 700 | 0.25 | 0.25 | 0.0025 | 2.34 | 1.5 | 0.3 | 0.3 | 387 | 1000 | 0.2 | 0.2 | 3010 | 0.025 | 0.025 |
| | % of values undetected | 50% | 71% | 88% | 88% | 75% | 100% | | | 63% | 75% | 100% | 25% | 29% | 50% | 57% | 38% | 38% | 75% | 75% | | 100% | 100% |
| | # of values between MDL and PQL | 3 | 1 | 1 | 1 | 1 | | 3 | 3 | 2 | 2 | | 1 | 1 | 2 | | | | 2 | 2 | | | |
| SP0204 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 0.499 | 0.565 | 47.5 | 30.3 | 0.050 | 0.125 | 808 | 838 | 3.98 | 6.05 | 0.0013 | 0.155 | 0.3875 | 0.100 | 0.250 | 228 | 252 | 0.155 | 0.3875 | 2690 | 0.00310 | 0.00775 |
| | 09/16/04 | 0.259 | 0.22 | 19.9 | 7 | 0.05 | 0.05 | 3850 | 3710 | 1.47 | 1.15 | 0.0005 | 1.71 | 1.87 | 0.737 | 0.76 | 1330 | 1300 | 0.981 | 0.903 | 7020 | 0.0031 | 0.0031 |
| | Mean | 0.379 | 0.393 | 33.7 | 19 | 0.05 | 0.09 | 2330 | 2270 | 2.73 | 3.6 | 0.0009 | 0.93 | 1.13 | 0.42 | 0.51 | 780 | 780 | 0.568 | 0.645 | 4860 | 0.0031 | 0.00543 |
| | Median | 0.379 | 0.393 | 33.7 | 19 | 0.05 | 0.09 | 2330 | 2270 | 2.73 | 3.6 | 0.0009 | 0.93 | 1.13 | 0.42 | 0.51 | 780 | 780 | 0.568 | 0.645 | 4860 | 0.0031 | 0.00543 |
| | St. Deviation | 0.17 | 0.244 | 19.5 | 16 | 0 | 0.05 | 2150 | 2030 | 1.77 | 3.46 | 0.0006 | 1.1 | 1.05 | 0.45 | 0.36 | 780 | 740 | 0.584 | 0.365 | 3060 | 0 | 0.00329 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.259 | 0.22 | 19.9 | 7 | 0.05 | 0.05 | 808 | 838 | 1.47 | 1.15 | 0.0005 | 0.155 | 0.3875 | 0.1 | 0.25 | 228 | 252 | 0.155 | 0.3875 | 2690 | 0.0031 | 0.0031 |
| | Maximum | 0.499 | 0.565 | 47.5 | 30.3 | 0.05 | 0.125 | 3850 | 3710 | 3.98 | 6.05 | 0.0013 | 1.71 | 1.87 | 0.737 | 0.76 | 1330 | 1300 | 0.981 | 0.903 | 7020 | 0.0031 | 0.00775 |
| | % of values undetected | | | | | 100% | 100% | | | | | 50% | 50% | 50% | 50% | 50% | | | 50% | 50% | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 2 | | | | | | | | | | | | | | 1 | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0104 | | | | | | | | | | | |
| | 05/21/04 | 753 | 770 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.200 | 2.12 | 2.29 |
| | 09/16/04 | 1770 | 1740 | 0.0125 | 0.041 | 0.155 | 0.155 | 0.125 | 0.125 | 0.75 | 0.75 |
| | Mean | 1260 | 1260 | 0.0125 | 0.0268 | 0.155 | 0.155 | 0.125 | 0.16 | 1.44 | 1.52 |
| | Median | 1260 | 1260 | 0.0125 | 0.0268 | 0.155 | 0.155 | 0.125 | 0.16 | 1.44 | 1.52 |
| | St. Deviation | 720 | 690 | 0 | 0.0202 | 0 | 0 | 0 | 0.05 | 0.97 | 1.09 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 753 | 770 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.75 | 0.75 |
| | Maximum | 1770 | 1740 | 0.0125 | 0.041 | 0.155 | 0.155 | 0.125 | 0.2 | 2.12 | 2.29 |
| | % of values undetected | | | 100% | 50% | 100% | 100% | 100% | 100% | 50% | 50% |
| | # of values between MDL and PQL | | | | 1 | | | | | | |
| SP0105 | | | | | | | | | | | |
| | 07/20/05 | 3740 | 1490 | 0.00775 | 0.0031 | 0.0775 | 0.16 | 0.25 | 0.209 | 36.5 | 14.4 |
| | 10/07/05 | 1450 | 1450 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.275 | | 2.84 | 1.47 |
| | 06/27/06 | 1400 | 1330 | 0.0025 | 0.0104 | 0.0155 | 0.0572 | 0.110 | 0.110 | 3.58 | 1.93 |
| | 08/27/06 | 1260 | 1330 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.714 | 0.250 | 1.20 | 1.36 |
| | 10/04/06 | 1310 | 1420 | 0.0050 | 0.0102 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | 0.50 |
| | 08/06/07 | 1500 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/06/07 | 1600 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 1 |
| | 10/26/07 | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1720 | 1520 | 0.05 | 0.05 | 0.047 | 0.06 | 0.34 | 0.23 | 5.9 | 3 |
| | Median | 1480 | 1470 | 0.01 | 0.01 | 0.05 | 0.05 | 0.26 | 0.21 | 1.1 | 1 |
| | St. Deviation | 820 | 170 | 0.08 | 0.08 | 0.018 | 0.04 | 0.21 | 0.13 | 12.4 | 5 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 |
| | Minimum | 1260 | 1330 | 0.0025 | 0.0031 | 0.0155 | 0.031 | 0.1 | 0.1 | 0.155 | 0.5 |
| | Maximum | 3740 | 1800 | 0.25 | 0.25 | 0.0775 | 0.16 | 0.714 | 0.5 | 36.5 | 14.4 |
| | % of values undetected | | | 100% | 75% | 100% | 75% | 75% | 71% | 50% | 50% |
| | # of values between MDL and PQL | 3 | 3 | | 1 | | 2 | 2 | 2 | | 1 |
| SP0204 | | | | | | | | | | | |
| | 05/21/04 | 1310 | 1530 | 0.0125 | 0.03125 | 0.155 | 0.3875 | 0.125 | 0.3125 | 0.75 | 0.59 |
| | 09/16/04 | 2720 | 2680 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.276 | 0.275 | 0.75 | 0.75 |
| | Mean | 2020 | 2110 | 0.0125 | 0.0219 | 0.155 | 0.271 | 0.201 | 0.294 | 0.75 | 0.67 |
| | Median | 2020 | 2110 | 0.0125 | 0.0219 | 0.155 | 0.271 | 0.201 | 0.294 | 0.75 | 0.67 |
| | St. Deviation | 1000 | 810 | 0 | 0.0133 | 0 | 0.164 | 0.107 | 0.027 | 0 | 0.11 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 1310 | 1530 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.275 | 0.75 | 0.59 |
| | Maximum | 2720 | 2680 | 0.0125 | 0.03125 | 0.155 | 0.3875 | 0.276 | 0.3125 | 0.75 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 50% | 50% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|--------------|-------------------|---------------|---------|------------------|----------------|------------|---------------|-------------|----------------|----------------|--------------|---------------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP0205 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 13 | 32.5 | 28.7 | 1.22 | 0.785 | 0.285 | | | 0.0445 | | 0.718 | 0.035 | 2.59 | 0.00125 | 0.00125 | 0.17 | 0.0155 | |
| | 10/07/05 | 14.2 | 34.5 | 24 | 0.632 | 1.75 | 0.265 | | | 0.017 | | 0.695 | 0.05 | 2.67 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | 03/16/06 | 12.6 | 37 | 15 | 2.74 | 2.5 | 0.221 | | | 0.014 | | 0.703 | 0.0155 | 3.58 | 0.0025 | 0.0025 | 0.155 | 0.0155 | |
| | 06/28/06 | 13.2 | 36.0 | 30.0 | 0.075 | 3.25 | 0.308 | 0.050 | 0.266 | 0.0170 | 0.0600 | 0.745 | 0.0560 | 3.16 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 17.2 | 31.0 | 47.5 | 5.00 | 3.25 | 0.244 | 0.0155 | 0.243 | 0.0170 | 0.0155 | 0.756 | 0.0550 | 2.82 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/03/06 | 13.5 | 36.0 | 32.5 | 0.306 | 1.57 | 0.186 | 0.0155 | 0.165 | 0.0069 | 0.110 | 0.749 | 0.0880 | 3.12 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/25/07 | 14.6 | 38.0 | 30.0 | 0.1595 | 1.57 | 0.279 | | | 0.0358 | | 0.763 | 0.0530 | 3.08 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/03/07 | 15 | 41 | 20 | 10 | 1 | 0.25 | | | 0.01 | | 1.5 | 0.05 | 3.5 | 0.0025 | 0.0025 | 0.1 | 0.025 | |
| | 09/06/07 | 17 | 38 | 40 | 2.5 | 1 | 0.20 | | | 0.005 | | 0.9 | 0.05 | 3.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 16 | 39 | 40 | 2.5 | 1 | 0.25 | | | 0.005 | | 0.8 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 14.6 | 36 | 31 | 2.5 | 1.77 | 0.249 | 0.027 | 0.225 | 0.017 | 0.06 | 0.83 | 0.05 | 3.08 | 0.0016 | 0.0016 | 0.136 | 0.0253 | |
| | Median | 14.4 | 37 | 30 | 1.9 | 1.57 | 0.25 | 0.0155 | 0.243 | 0.016 | 0.06 | 0.75 | 0.05 | 3.1 | 0.0013 | 0.0013 | 0.155 | 0.0203 | |
| | St. Deviation | 1.7 | 3 | 10 | 3.1 | 0.93 | 0.038 | 0.0199 | 0.053 | 0.013 | 0.05 | 0.24 | 0.018 | 0.38 | 0.0008 | 0.0008 | 0.052 | 0.0137 | |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | 10 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | Minimum | 12.6 | 31 | 15 | 0.075 | 0.785 | 0.186 | 0.0155 | 0.165 | 0.005 | 0.0155 | 0.695 | 0.0155 | 2.59 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 17.2 | 41 | 47.5 | 10 | 3.25 | 0.308 | 0.05 | 0.266 | 0.0445 | 0.11 | 1.5 | 0.088 | 3.6 | 0.0025 | 0.0025 | 0.21 | 0.05 | |
| | % of values undetected | | | | 40% | 60% | | 100% | | 20% | 33% | | 50% | | 100% | 100% | 70% | 100% | |
| | # of values between MDL and PQL | | | | 2 | 4 | | | | 3 | 1 | 3 | 5 | 1 | | | | 3 | |
| SP0304 | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 23.7 | 70.0 | 56.3 | 1.60 | 1.57 | 0.642 | | | 0.0155 | | 0.904 | 0.105 | 12.3 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Mean | 23.7 | 70 | 56.3 | 1.6 | 1.57 | 0.642 | NA | NA | 0.0155 | NA | 0.904 | 0.105 | 12.3 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Median | 23.7 | 70 | 56.3 | 1.6 | 1.57 | 0.642 | NA | NA | 0.0155 | NA | 0.904 | 0.105 | 12.3 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Minimum | 23.7 | 70 | 56.3 | 1.6 | 1.57 | 0.642 | NA | NA | 0.0155 | NA | 0.904 | 0.105 | 12.3 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 23.7 | 70 | 56.3 | 1.6 | 1.57 | 0.642 | NA | NA | 0.0155 | NA | 0.904 | 0.105 | 12.3 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Lowest fifth percentile | 23.70 | 70.0 | 56.30 | 1.60 | 1.57 | 0.642 | NA | NA | 0.0155 | NA | 0.904 | 0.1050 | 12.30 | 0.00125 | 0.00125 | 0.065 | 0.016 | |
| | % of values undetected | | | | | 100% | | | | 100% | | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | |
| SP0305 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 19.2 | 44.5 | 40 | 0.938 | 1.65 | 0.71 | | | 0.142 | | 0.727 | 0.035 | 7.06 | 0.00125 | 0.00125 | 0.16 | 0.0155 | |
| | 10/07/05 | 20.5 | 48 | 39 | 0.147 | 6.5 | 0.64 | | | 0.018 | | 0.659 | 0.05 | 0.802 | 0.00125 | 0.00125 | 0.24 | 0.0155 | |
| | 06/27/06 | 17.6 | 46.0 | 60.0 | 0.510 | 5.50 | 0.745 | 0.050 | 0.695 | 0.0240 | 0.100 | 0.773 | 0.0640 | 0.786 | 0.00105 | 0.0025 | 0.155 | 0.050 | |
| | 08/27/06 | 21.2 | 46.0 | 67.5 | 0.076 | 8.25 | 0.809 | 0.0155 | 0.808 | 0.0145 | 0.0155 | 0.802 | 0.0840 | 0.703 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/03/06 | 20.3 | 48.0 | 45.0 | 0.075 | 9.25 | 0.437 | 0.0155 | 0.418 | 0.0100 | 0.150 | 0.728 | 0.0570 | 0.925 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/23/07 | 16.8 | 44.0 | 47.5 | 0.1545 | 5.00 | 1.05 | | | 0.0160 | | 0.786 | 0.0610 | 0.875 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/03/07 | 20 | 51 | 40 | 2.5 | 1 | 0.69 | | | 0.025 | | 1.0 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/08/07 | 20 | 50 | 30 | 2.5 | 1 | 0.62 | | | 0.01 | | 1.0 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 20 | 52 | 40 | 2.5 | 1 | 0.62 | | | 0.02 | | 0.8 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 19.5 | 48 | 45 | 1 | 4.4 | 0.7 | 0.027 | 0.64 | 0.03 | 0.09 | 0.81 | 0.056 | 1.49 | 0.0015 | 0.0016 | 0.13 | 0.03 | |
| | Median | 20 | 48 | 40 | 0.51 | 5 | 0.69 | 0.0155 | 0.695 | 0.018 | 0.1 | 0.786 | 0.05 | 0.875 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 1.4 | 3 | 12 | 1.1 | 3.3 | 0.2 | 0.0199 | 0.201 | 0.04 | 0.07 | 0.12 | 0.014 | 2.1 | 0.0008 | 0.0008 | 0.07 | 0.015 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 16.8 | 44 | 30 | 0.075 | 1 | 0.437 | 0.0155 | 0.418 | 0.01 | 0.0155 | 0.659 | 0.035 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 21.2 | 52 | 67.5 | 2.5 | 9.25 | 1.05 | 0.05 | 0.808 | 0.142 | 0.15 | 1 | 0.084 | 7.06 | 0.0025 | 0.0025 | 0.24 | 0.05 | |
| | % of values undetected | | | | 78% | 33% | | 100% | | 11% | 33% | | 44% | 11% | 100% | 100% | 78% | 100% | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0205 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 4.32 | 1 | 0.0832 | 0.0798 | 0.695 | 0.713 | 0.838 | 0.858 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 4120 | 4090 | 0.469 | 0.396 | 0.0094 | 0.0114 |
| | 10/07/05 | 21 | 1.57 | 0.0876 | 0.0774 | 0.843 | 0.697 | 1.15 | 0.914 | 0.0075 | 0.0075 | 0.005 | | 1.55 | 1.55 | 0.00775 | 0.00775 | 4550 | 4260 | 0.5 | 0.603 | 0.0322 | 0.0254 |
| | 03/16/06 | 17 | 1 | 0.134 | 0.0996 | 0.82 | 0.609 | 1.06 | 1.1 | 0.012 | 0.012 | 0.025 | 0.0075 | 2.5 | 2.5 | 0.0125 | 0.0125 | 3920 | 4190 | 0.308 | 0.424 | 0.01 | 0.01 |
| | 06/28/06 | 4.42 | 1.00 | 0.0866 | 0.0888 | 0.595 | 0.577 | 1.04 | 0.989 | 0.0120 | 0.0120 | 0.0075 | 0.0172 | 2.50 | 0.75 | 0.0125 | 0.0125 | 4160 | 4000 | 0.100 | | 0.0236 | 0.0286 |
| | 08/27/06 | 891 | 1.17 | 0.0075 | 0.0075 | 1.84 | 0.533 | 11.5 | 0.928 | 0.0726 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5310 | 4470 | 1.18 | 0.641 | 0.595 | 0.0174 |
| | 10/03/06 | 3.33 | 1.00 | 0.0674 | 0.0688 | 0.692 | 0.412 | 0.948 | 0.995 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4220 | 4160 | 0.138 | 0.050 | 0.0065 | 0.0065 |
| | 05/25/07 | 2.08 | 1.00 | 0.0926 | 0.0748 | 0.505 | 0.661 | 0.934 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 4590 | 4930 | 0.404 | 0.100 | 0.0120 | 0.0102 |
| | 08/03/07 | 2.5 | | 0.2 | 0.2 | 0.7 | 0.7 | 1.1 | 1.2 | 0.05 | 0.05 | 20 | 20 | 1 | 2 | 0.05 | 0.05 | 4700 | 4700 | 0.3 | 0.05 | 0.07 | 0.025 |
| | 09/06/07 | 8 | 11 | 0.2 | 0.2 | 0.8 | 0.6 | 1.2 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 4700 | 5400 | 0.05 | 0.25 | 0.05 | 0.025 |
| | 10/26/07 | 11 | 2.5 | 0.2 | 0.2 | 0.25 | 0.7 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 2 | 0.05 | 0.05 | 4600 | 5200 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 96 | 2 | 0.116 | 0.11 | 0.77 | 0.62 | 2.2 | 1.09 | 0.029 | 0.023 | 6 | 7 | 1.57 | 1.56 | 0.0235 | 0.0235 | 4490 | 4540 | 0.4 | 0.307 | 0.08 | 0.0185 |
| | Median | 6 | 1 | 0.09 | 0.084 | 0.7 | 0.635 | 1.1 | 0.99 | 0.013 | 0.013 | 0 | 0 | 1.4 | 1.53 | 0.0155 | 0.0155 | 4570 | 4370 | 0.4 | 0.25 | 0.02 | 0.0212 |
| | St. Deviation | 279 | 3 | 0.066 | 0.067 | 0.41 | 0.096 | 3.3 | 0.27 | 0.024 | 0.019 | 10 | 10 | 0.52 | 0.5 | 0.0187 | 0.0187 | 400 | 490 | 0.3 | 0.224 | 0.18 | 0.0083 |
| | # of values | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 |
| | Minimum | 2.08 | 1 | 0.0075 | 0.0075 | 0.25 | 0.412 | 0.838 | 0.858 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1 | 0.75 | 0.0075 | 0.0075 | 3920 | 4000 | 0.05 | 0.05 | 0.0065 | 0.0065 |
| | Maximum | 891 | 11 | 0.2 | 0.2 | 1.84 | 0.713 | 11.5 | 1.7 | 0.0726 | 0.05 | 20 | 20 | 2.5 | 2.5 | 0.05 | 0.05 | 5310 | 5400 | 1.18 | 0.641 | 0.595 | 0.0286 |
| | % of values undetected | 10% | 67% | 40% | 40% | 10% | | | | 90% | 100% | 100% | 89% | 70% | 70% | 100% | 100% | | | 20% | 56% | 30% | 50% |
| | # of values between MDL and PQL | | 2 | | | | 2 | 4 | | | | | 1 | | | | | | | 2 | | 4 | 2 |
| SP0304 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 12.5 | 12.5 | 0.236 | 0.100 | 0.125 | 0.125 | 4.15 | 3.90 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.125 | 0.112 | 7090 | 6560 | 0.050 | 0.100 | 0.0155 | |
| | Mean | 12.5 | 12.5 | 0.236 | 0.1 | 0.125 | 0.125 | 4.15 | 3.9 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.125 | 0.112 | 7090 | 6560 | 0.05 | 0.1 | 0.0155 | NA |
| | Median | 12.5 | 12.5 | 0.236 | 0.1 | 0.125 | 0.125 | 4.15 | 3.9 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.125 | 0.112 | 7090 | 6560 | 0.05 | 0.1 | 0.0155 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | Minimum | 12.5 | 12.5 | 0.236 | 0.1 | 0.125 | 0.125 | 4.15 | 3.9 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.125 | 0.112 | 7090 | 6560 | 0.05 | 0.1 | 0.0155 | NA |
| | Maximum | 12.5 | 12.5 | 0.236 | 0.1 | 0.125 | 0.125 | 4.15 | 3.9 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.125 | 0.112 | 7090 | 6560 | 0.05 | 0.1 | 0.0155 | NA |
| | Lowest fifth percentile | 12.50 | 12.50 | 0.2360 | 0.1000 | 0.125 | 0.125 | 4.15 | 3.90 | 0.0075 | 0.0075 | 0.7500 | 0.7500 | 1.6 | 1.6 | 0.1250 | 0.1120 | 7090 | 6560 | 0.050 | 0.100 | 0.0155 | NA |
| | % of values undetected | 100% | 100% | | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | | | | | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SP0305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 69.9 | 2.29 | 0.0196 | 0.0214 | 0.125 | 0.253 | 4.15 | 3.59 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 5700 | 5750 | 0.556 | 0.386 | 0.0484 | 0.0166 |
| | 10/07/05 | 2.19 | 1.84 | 0.0068 | 0.0048 | 0.125 | 0.125 | 3.72 | 3.81 | 0.0075 | 0.0075 | 0.0104 | 0.0176 | 5.9 | 1.55 | 0.00775 | 0.00775 | 6030 | 6020 | 0.361 | | 0.0218 | 0.0348 |
| | 06/27/06 | 7.79 | 6.05 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.68 | 3.66 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 5180 | 5530 | 0.050 | | 0.0372 | 0.0260 |
| | 08/27/06 | 1.78 | 1.79 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.62 | 3.86 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 6410 | 6690 | 0.581 | 0.688 | 0.0228 | 0.0242 |
| | 10/03/06 | 2.39 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.73 | 3.63 | 0.0125 | 0.0125 | 0.0162 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5990 | 6350 | 0.404 | 0.229 | 0.0146 | 0.0202 |
| | 05/23/07 | 2.08 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.51 | 4.14 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 4990 | 5210 | 0.453 | 0.309 | 0.0188 | 0.0178 |
| | 08/03/07 | 12 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 3.7 | 4.5 | 0.05 | 0.05 | 20 | 20 | 1.1 | | 0.05 | 0.05 | 5800 | 5900 | 0.5 | 0.6 | 0.025 | 0.025 |
| | 09/08/07 | 13 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.6 | 4.2 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.3 | 0.05 | 0.05 | 5600 | 6000 | 0.25 | 0.25 | 0.05 | 0.025 |
| | 10/26/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 5 | 5.3 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 6200 | 6100 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 12.6 | 3 | 0.08 | 0.08 | 0.18 | 0.194 | 3.86 | 4.08 | 0.024 | 0.024 | 7 | 7 | 1.8 | 1.33 | 0.0247 | 0.0247 | 5770 | 5950 | 0.417 | 0.39 | 0.0293 | 0.0238 |
| | Median | 2.5 | 2.29 | 0.025 | 0.025 | 0.155 | 0.155 | 3.7 | 3.86 | 0.0125 | 0.0125 | 0.0104 | 0.0075 | 1.25 | 1.275 | 0.0185 | 0.0185 | 5800 | 6000 | 0.453 | 0.309 | 0.025 | 0.025 |
| | St. Deviation | 21.9 | 2.4 | 0.09 | 0.09 | 0.054 | 0.054 | 0.46 | 0.55 | 0.02 | 0.02 | 10 | 10 | 1.6 | 0.29 | 0.0194 | 0.0194 | 460 | 430 | 0.178 | 0.18 | 0.0128 | 0.0054 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 7 | 9 | 9 |
| | Minimum | 1.78 | 1 | 0.0068 | 0.0048 | 0.125 | 0.125 | 3.51 | 3.59 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 0.75 | 0.0075 | 0.0075 | 4990 | 5210 | 0.05 | 0.229 | 0.0146 | 0.0166 |
| | Maximum | 69.9 | 8 | 0.2 | 0.2 | 0.25 | 0.253 | 5 | 5.3 | 0.05 | 0.05 | 20 | 20 | 5.9 | 1.7 | 0.05 | 0.05 | 6410 | 6690 | 0.6 | 0.688 | 0.05 | 0.0348 |
| | % of values undetected | 11% | 44% | 78% | 78% | 100% | 89% | | | 100% | 100% | 78% | 89% | 56% | 75% | 100% | 100% | | | 22% | 29% | 22% | 33% |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0205 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.152 | 0.101 | 3.1 | 3.1 | 0.05 | 0.177 | 652 | 662 | 0.1 | 0.031 | 0.000450 | 2.6 | 2.57 | 0.172 | | 188 | 194 | 0.0775 | 0.0775 | 4050 | 0.0031 | 0.0031 |
| | 10/07/05 | 7.51 | 0.178 | 32.3 | 3.1 | 0.0155 | | 697 | 704 | 0.777 | 0.0746 | 0.000450 | 2.59 | 2.5 | 0.237 | | 199 | 204 | 0.0775 | 0.0775 | 4570 | 0.0031 | 0.0031 |
| | 03/16/06 | 0.05 | 0.127 | 10.4 | 3.1 | 0.025 | 0.0796 | 678 | 719 | 0.282 | 0.025 | 0.000475 | 2.22 | 2.13 | 0.127 | 0.11 | 169 | 181 | 0.451 | 0.155 | 3860 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.117 | 0.194 | 3.10 | 3.10 | 0.0250 | | 692 | 643 | 0.332 | 0.0650 | 0.000475 | 2.00 | 2.01 | 0.211 | | 178 | 178 | 0.155 | 0.155 | 4220 | 0.0031 | 0.0031 |
| | 08/27/06 | 1.40 | 0.278 | 912 | 3.10 | 0.836 | 0.121 | 953 | 618 | 43.0 | 0.106 | 0.000475 | 1.97 | 2.15 | 0.779 | 0.439 | 307 | 212 | 0.155 | 0.155 | 3890 | 0.0222 | 0.0031 |
| | 10/03/06 | 0.050 | | 10.8 | 10.1 | 0.0155 | | 708 | 700 | 0.0620 | 0.0904 | 0.000475 | 2.40 | 2.48 | 0.0980 | 0.293 | 173 | 166 | 0.155 | 0.155 | 4120 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.124 | | 13.0 | 3.10 | 0.0155 | 0.0155 | 766 | 816 | 0.0250 | 0.0874 | 0.000169 | 2.20 | 2.22 | 0.100 | 0.100 | 198 | 228 | 0.155 | 0.155 | 4190 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 2.3 | 2.4 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3800 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1500 | 800 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 1900 | 300 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | Mean | 1 | 0.204 | 100 | 6 | 0.11 | 0.08 | 790 | 716 | 5 | 0.12 | 0.00058 | 2.1 | 2.15 | 0.262 | 0.263 | 450 | 196 | 0.138 | 0.108 | 4150 | 0.012 | 0.01 |
| | Median | 0.2 | 0.222 | 10 | 3 | 0.04 | 0.05 | 700 | 702 | 0 | 0.09 | 0.00046 | 2.2 | 2.19 | 0.224 | 0.3 | 190 | 188 | 0.116 | 0.116 | 4160 | 0.003 | 0.003 |
| | St. Deviation | 2.3 | 0.065 | 280 | 4 | 0.25 | 0.05 | 260 | 69 | 14 | 0.09 | 0.00069 | 0.4 | 0.39 | 0.198 | 0.12 | 570 | 45 | 0.12 | 0.051 | 260 | 0.011 | 0.011 |
| | # of values | 10 | 8 | 10 | 10 | 10 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 0.05 | 0.101 | 3.1 | 3.1 | 0.0155 | 0.0155 | 600 | 618 | 0.025 | 0.025 | 0.000169 | 1.5 | 1.5 | 0.098 | 0.1 | 150 | 150 | 0.05 | 0.05 | 3800 | 0.0031 | 0.0031 |
| | Maximum | 7.51 | 0.278 | 912 | 10.1 | 0.836 | 0.177 | 1500 | 816 | 43 | 0.25 | 0.0025 | 2.6 | 2.57 | 0.779 | 0.439 | 1900 | 300 | 0.451 | 0.155 | 4570 | 0.025 | 0.025 |
| | % of values undetected | 50% | 38% | 50% | 90% | 90% | 57% | | | 50% | 50% | 100% | 20% | 20% | 40% | 57% | 20% | 20% | 90% | 100% | | 90% | 100% |
| | # of values between MDL and PQL | | | 3 | 1 | | | 2 | 3 | | 1 | | 1 | 1 | 2 | 1 | 1 | 1 | 1 | | | | |
| SP0304 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 0.327 | 0.419 | 71.6 | 52.4 | 0.050 | 0.050 | 1460 | 1410 | 1.24 | | 0.0013 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.155 | 0.155 | 6030 | 0.00310 | 0.00310 |
| | Mean | 0.327 | 0.419 | 71.6 | 52.4 | 0.05 | 0.05 | 1460 | 1410 | 1.24 | NA | 0.0013 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.155 | 0.155 | 6030 | 0.0031 | 0.0031 |
| | Median | 0.327 | 0.419 | 71.6 | 52.4 | 0.05 | 0.05 | 1460 | 1410 | 1.24 | NA | 0.0013 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.155 | 0.155 | 6030 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 0.327 | 0.419 | 71.6 | 52.4 | 0.05 | 0.05 | 1460 | 1410 | 1.24 | NA | 0.0013 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.155 | 0.155 | 6030 | 0.0031 | 0.0031 |
| | Maximum | 0.327 | 0.419 | 71.6 | 52.4 | 0.05 | 0.05 | 1460 | 1410 | 1.24 | NA | 0.0013 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.155 | 0.155 | 6030 | 0.0031 | 0.0031 |
| | Lowest fifth percentile | 0.33 | 0.42 | 71.6 | 52.4 | 0.050 | 0.050 | 1460 | 1410 | 1.24 | NA | 0.001300 | 0.577 | 0.577 | 0.346 | 0.357 | 435 | 427 | 0.16 | 0.16 | 6030 | 0.0031 | 0.0031 |
| | % of values undetected | | | | | 100% | 100% | | | | | | | | | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | 1 | | | | | | | | | |
| SP0305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.291 | 0.158 | 77.5 | 3.1 | 0.05 | 0.131 | 1210 | 1180 | 2.06 | 0.1 | 0.000450 | 0.521 | 0.49 | 0.283 | 0.368 | 200 | 201 | 0.0775 | 0.0775 | 6090 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.113 | | 3.1 | 8.13 | 0.0155 | | 1320 | 1330 | 0.0632 | 0.179 | 0.000450 | 0.372 | 0.4 | 0.22 | | 191 | 206 | 0.0775 | 0.0775 | 6980 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.241 | 0.262 | 3.10 | 3.10 | 0.0250 | | 1120 | 1160 | 0.339 | 0.111 | 0.000475 | 0.464 | 0.422 | 0.260 | | 188 | 196 | 0.155 | 0.155 | 6620 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.333 | 0.296 | 6.95 | 3.10 | 0.0686 | 0.132 | 1260 | 1310 | 0.0802 | 0.126 | 0.000475 | 0.310 | 0.331 | 0.305 | | 201 | 223 | 0.155 | 0.155 | 6370 | 0.0031 | 0.0031 |
| | 10/03/06 | 0.110 | | 17.8 | 17.5 | 0.0155 | | 1300 | 1240 | 0.106 | 0.120 | 0.000475 | 0.410 | 0.450 | 0.118 | | 173 | 160 | 0.155 | 0.155 | 6000 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.117 | | 16.6 | 16.1 | 0.0155 | 0.050 | 1050 | 1180 | 0.0976 | 0.0804 | 0.000169 | 0.507 | 0.482 | 0.100 | 0.100 | 171 | 221 | 0.155 | 0.155 | 6070 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.5 | 0.5 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 6100 | 0.025 | 0.025 |
| | 09/08/07 | 1.3 | 0.5 | 20 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6200 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.25 | 1100 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 6100 | 0.025 | 0.025 |
| | Mean | 0.33 | 0.328 | 18 | 9 | 0.038 | 0.111 | 1170 | 1210 | 0.39 | 0.16 | 0.00059 | 0.4 | 0.5 | 0.24 | 0.274 | 300 | 184 | 0.103 | 0.103 | 6280 | 0.01 | 0.01 |
| | Median | 0.25 | 0.279 | 10 | 10 | 0.05 | 0.0905 | 1120 | 1200 | 0.25 | 0.126 | 0.0004495 | 0.41 | 0.45 | 0.283 | 0.3 | 191 | 196 | 0.0775 | 0.0775 | 6100 | 0.0031 | 0.0031 |
| | St. Deviation | 0.37 | 0.141 | 23 | 5 | 0.02 | 0.079 | 100 | 70 | 0.63 | 0.07 | 0.00073 | 0.11 | 0.4 | 0.08 | 0.101 | 270 | 31 | 0.051 | 0.051 | 320 | 0.011 | 0.011 |
| | # of values | 9 | 6 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.11 | 0.158 | 3.1 | 3.1 | 0.0155 | 0.05 | 1050 | 1100 | 0.0632 | 0.0804 | 0.000169 | 0.25 | 0.25 | 0.1 | 0.1 | 150 | 150 | 0.05 | 0.05 | 6000 | 0.0031 | 0.0031 |
| | Maximum | 1.3 | 0.5 | 77.5 | 17.5 | 0.0686 | 0.25 | 1320 | 1330 | 2.06 | 0.25 | 0.0025 | 0.521 | 1.5 | 0.305 | 0.368 | 1000 | 223 | 0.155 | 0.155 | 6980 | 0.025 | 0.025 |
| | % of values undetected | 22% | 17% | 56% | 67% | 89% | 67% | | | | | 33% | 44% | 100% | 22% | 22% | 44% | 80% | 22% | 33% | 100% | 100% | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0205 | | | | | | | | | | | |
| | 07/19/05 | 1920 | 1930 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.584 | 0.53 | 11.4 | |
| | 10/07/05 | 1990 | 1990 | 0.0031 | 0.0086 | 0.031 | 0.031 | 0.1 | 0.311 | 4.91 | 1.13 |
| | 03/16/06 | 1770 | 1870 | 0.0112 | 0.0025 | 0.653 | 0.0155 | 0.25 | 0.11 | 0.727 | |
| | 06/28/06 | 1860 | 1770 | 0.0070 | 0.0096 | 0.050 | 0.0155 | 0.319 | 0.110 | 1.20 | 0.994 |
| | 08/27/06 | 2000 | 1760 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.95 | 0.250 | 4.80 | 0.871 |
| | 10/03/06 | 1920 | 1890 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | 0.50 |
| | 05/25/07 | 2030 | 1990 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/03/07 | 1900 | 1900 | 0.5 | 0.4 | 0.1 | 0.05 | 0.4 | 0.3 | 1 | 4 |
| | 09/06/07 | 1900 | 2100 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.3 | 5 | 1 |
| | 10/26/07 | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 1940 | 1930 | 0.08 | 0.07 | 0.11 | 0.039 | 0.5 | 0.24 | 3 | 1.4 |
| | Median | 1920 | 1920 | 0.01 | 0.01 | 0.05 | 0.05 | 0.4 | 0.25 | 1 | 1 |
| | St. Deviation | 90 | 120 | 0.16 | 0.14 | 0.19 | 0.015 | 0.5 | 0.13 | 4 | 1.2 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 |
| | Minimum | 1770 | 1760 | 0.0031 | 0.0025 | 0.031 | 0.0155 | 0.1 | 0.1 | 0.155 | 0.5 |
| | Maximum | 2100 | 2100 | 0.5 | 0.4 | 0.653 | 0.05 | 1.95 | 0.53 | 11.4 | 4 |
| | % of values undetected | | | 70% | 70% | 80% | 100% | 60% | 60% | 50% | 43% |
| | # of values between MDL and PQL | 2 | 1 | 1 | 3 | 1 | | 2 | 3 | | 3 |
| SP0304 | | | | | | | | | | | |
| | 05/22/04 | 2340 | 2280 | 0.0125 | 0.0125 | 2.47 | 0.155 | 0.505 | 0.486 | 17.0 | 15.2 |
| | Mean | 2340 | 2280 | 0.0125 | 0.0125 | 2.47 | 0.155 | 0.505 | 0.486 | 17 | 15.2 |
| | Median | 2340 | 2280 | 0.0125 | 0.0125 | 2.47 | 0.155 | 0.505 | 0.486 | 17 | 15.2 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 2340 | 2280 | 0.0125 | 0.0125 | 2.47 | 0.155 | 0.505 | 0.486 | 17 | 15.2 |
| | Maximum | 2340 | 2280 | 0.0125 | 0.0125 | 2.47 | 0.155 | 0.505 | 0.486 | 17 | 15.2 |
| | Lowest fifth percentile | 2340 | 2280 | 0.0125 | 0.0125 | 2.470 | 0.155 | 0.505 | 0.486 | 17.00 | 15.20 |
| | % of values undetected | | | 100% | 100% | | 100% | | | | |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP0305 | | | | | | | | | | | |
| | 07/19/05 | 2450 | 2530 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.361 | 0.513 | 14.6 | |
| | 10/07/05 | 2450 | 2480 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.436 | 0.1 | 0.467 | 1.3 |
| | 06/27/06 | 2230 | 2370 | 0.0126 | 0.0025 | 0.0354 | 0.0155 | 0.250 | 0.582 | 1.17 | 1.18 |
| | 08/27/06 | 2230 | 2390 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 1.28 | 1.44 |
| | 10/03/06 | 2330 | 2220 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | 1.02 |
| | 05/23/07 | 2220 | 2320 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.09 | |
| | 08/03/07 | 2300 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/08/07 | 2300 | 2400 | 0.05 | 0.25 | 0.05 | 0.1 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 2400 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2320 | 2390 | 0.02 | 0.04 | 0.044 | 0.05 | 0.27 | 0.28 | 2.5 | 1.7 |
| | Median | 2300 | 2400 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.25 | 1 | 1.18 |
| | St. Deviation | 90 | 90 | 0.022 | 0.08 | 0.009 | 0.02 | 0.14 | 0.2 | 4.6 | 1.5 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 |
| | Minimum | 2220 | 2220 | 0.0031 | 0.0025 | 0.031 | 0.0155 | 0.1 | 0.1 | 0.467 | 1 |
| | Maximum | 2450 | 2530 | 0.05 | 0.25 | 0.05 | 0.1 | 0.5 | 0.582 | 14.6 | 5 |
| | % of values undetected | | | 89% | 100% | 89% | 89% | 78% | 78% | 44% | 43% |

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**Preliminary data. Do not cite or quote.*

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia |
|--|-------------|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| # of values between MDL and PQL | | | | | | 4 | | | | 3 | | 3 | 5 | 2 | | | 2 | |

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*Preliminary data. Do not cite or quote.

| | | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--|-------------|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| Sample Location ID | Sample Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | 1 | 2 | 1 | 1 | | 1 | | | | | 1 | | 1 | | | | | | | | 3 | 1 |

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| | | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--|-------------|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|---------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| Sample Location ID | Sample Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | 1 | 2 | 3 | 3 | 1 | | | | 1 | 1 | | 1 | 1 | 1 | | 1 | | | | | | |

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**Preliminary data. Do not cite or quote.*

| | | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--|-------------|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| Sample Location ID | Sample Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | | | | | 1 | 1 | 1 | | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP0404 | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 20.8 | 60.0 | 62.5 | 1.85 | 1.57 | 0.0390 | | | 0.0155 | | 0.661 | 0.126 | 1.70 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/16/04 | 14.8 | 80 | 55 | 5.5 | 1.57 | 0.79 | | | 0.0155 | | 0.909 | | 1.34 | 0.00125 | 0.00125 | 0.28 | 0.094 | |
| | | | | | | | | | | | | | #NUM! | | | | | | |
| | Mean | 17.8 | 70 | 58.8 | 3.68 | 1.57 | 0.41 | NA | NA | 0.0155 | NA | 0.785 | #NUM! | 1.52 | 0.00125 | 0.00125 | 0.17 | 0.0548 | |
| | Median | 17.8 | 70 | 58.8 | 3.68 | 1.57 | 0.41 | NA | NA | 0.0155 | NA | 0.785 | #NUM! | 1.52 | 0.00125 | 0.00125 | 0.17 | 0.0548 | |
| | St. Deviation | 4.2 | 14 | 5.3 | 2.58 | 0 | 0.53 | NA | NA | 0 | NA | 0.175 | NA | 0.25 | 0 | 0 | 0.15 | 0.0555 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 14.8 | 60 | 55 | 1.85 | 1.57 | 0.039 | NA | NA | 0.0155 | NA | 0.661 | 0.126 | 1.34 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 20.8 | 80 | 62.5 | 5.5 | 1.57 | 0.79 | NA | NA | 0.0155 | NA | 0.909 | 0.126 | 1.7 | 0.00125 | 0.00125 | 0.28 | 0.094 | |
| | % of values undetected | | | | | 100% | | | | 100% | | | | | 100% | 100% | 50% | 50% | |
| | # of values between MDL and PQL | | | | | | 2 | | | | | | | | | | 1 | 1 | |
| SP0405 | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 18.4 | 44.5 | 47.5 | 4.11 | 0.785 | 8.05 | | | 0.106 | | 0.866 | 0.05 | 0.987 | 0.00125 | 0.00125 | 0.26 | 0.0155 | |
| | 10/07/05 | 18.3 | 45.5 | 44 | 1.8 | 3.25 | 1.48 | | | 0.0071 | | 0.903 | 0.05 | 1.1 | 0.00125 | 0.00125 | 0.28 | 0.0155 | |
| | 06/27/06 | 16.9 | 46.0 | 50.0 | 4.24 | 4.50 | 1.37 | 0.050 | 1.32 | 0.0130 | 0.130 | 0.776 | 0.0560 | 1.11 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 17.6 | 42.0 | 61.2 | 5.43 | 4.25 | 1.43 | 0.0155 | 1.43 | 0.0120 | 0.0155 | 0.818 | 0.0560 | 0.996 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/03/06 | 18.1 | 46.0 | 51.3 | 1.90 | 8.25 | 1.35 | 0.0155 | 1.33 | 0.00155 | 0.0600 | 0.872 | 0.0600 | 1.01 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/03/07 | 18 | 50 | 40 | 2.5 | 1 | 2.19 | | | 0.025 | | 1.0 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 20 | 49 | 50 | 2.5 | 1 | 1.55 | | | 0.005 | | 1.2 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 16 | 47 | 50 | 2.5 | 1 | 1.20 | | | 0.005 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 17.9 | 46 | 49 | 3.1 | 3 | 2.33 | 0.027 | 1.36 | 0.02 | 0.07 | 0.92 | 0.053 | 1 | 0.0016 | 0.0015 | 0.14 | 0.028 | |
| | Median | 18.1 | 46 | 50 | 2.5 | 2.13 | 1.46 | 0.0155 | 1.33 | 0.01 | 0.06 | 0.89 | 0.05 | 1.01 | 0.0013 | 0.0013 | 0.16 | 0.025 | |
| | St. Deviation | 1.2 | 3 | 6 | 1.3 | 2.63 | 2.33 | 0.0199 | 0.06 | 0.03 | 0.06 | 0.13 | 0.004 | 0.13 | 0.0008 | 0.0008 | 0.09 | 0.014 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 16 | 42 | 40 | 1.8 | 0.785 | 1.2 | 0.0155 | 1.32 | 0.00155 | 0.0155 | 0.776 | 0.05 | 0.7 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 20 | 50 | 61.2 | 5.43 | 8.25 | 8.05 | 0.05 | 1.43 | 0.106 | 0.13 | 1.2 | 0.06 | 1.11 | 0.0025 | 0.0025 | 0.28 | 0.05 | |
| | % of values undetected | | | | 38% | 50% | | 100% | | 50% | 33% | | 63% | | 100% | 100% | 75% | 100% | |
| | # of values between MDL and PQL | | | | | 4 | | | | 1 | 1 | 3 | 3 | 3 | | | 2 | | |
| SP0505 | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 17.6 | 36.5 | 43.8 | 1.02 | 2.5 | 0.141 | | | 0.178 | | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.35 | 0.0155 | |
| | Mean | 17.6 | 36.5 | 43.8 | 1.02 | 2.5 | 0.141 | NA | NA | 0.178 | NA | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.35 | 0.0155 | |
| | Median | 17.6 | 36.5 | 43.8 | 1.02 | 2.5 | 0.141 | NA | NA | 0.178 | NA | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.35 | 0.0155 | |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Minimum | 17.6 | 36.5 | 43.8 | 1.02 | 2.5 | 0.141 | NA | NA | 0.178 | NA | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.35 | 0.0155 | |
| | Maximum | 17.6 | 36.5 | 43.8 | 1.02 | 2.5 | 0.141 | NA | NA | 0.178 | NA | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.35 | 0.0155 | |
| | Lowest fifth percentile | 17.60 | 36.5 | 43.80 | 1.02 | 2.50 | 0.141 | NA | NA | 0.1780 | NA | 0.453 | 0.0155 | 1.43 | 0.00125 | 0.00125 | 0.350 | 0.016 | |
| | % of values undetected | | | | | | | | | | | | 100% | | 100% | 100% | | 100% | |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | 1 | | |

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| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0404 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 12.5 | 12.5 | 0.100 | 0.216 | 0.250 | 0.250 | 3.01 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 6400 | 6660 | 0.380 | 0.387 | 0.0155 | |
| | 09/16/04 | 37.2 | 3.9 | 0.0385 | 0.0385 | 0.391 | 0.438 | 2.44 | 2.11 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 4560 | 4280 | 0.42 | 0.338 | 0.0155 | |
| | Mean | 24.9 | 8.2 | 0.07 | 0.127 | 0.321 | 0.344 | 2.73 | 2.53 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5480 | 5470 | 0.4 | 0.363 | 0.0155 | NA |
| | Median | 24.9 | 8.2 | 0.07 | 0.127 | 0.321 | 0.344 | 2.73 | 2.53 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5480 | 5470 | 0.4 | 0.363 | 0.0155 | NA |
| | St. Deviation | 17.5 | 6.1 | 0.04 | 0.126 | 0.1 | 0.133 | 0.4 | 0.59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1300 | 1680 | 0.03 | 0.035 | 0 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| | Minimum | 12.5 | 3.9 | 0.0385 | 0.0385 | 0.25 | 0.25 | 2.44 | 2.11 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 4560 | 4280 | 0.38 | 0.338 | 0.0155 | 0 |
| | Maximum | 37.2 | 12.5 | 0.1 | 0.216 | 0.391 | 0.438 | 3.01 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 6400 | 6660 | 0.42 | 0.387 | 0.0155 | 0 |
| | % of values undetected | 50% | 100% | 100% | 50% | 50% | 50% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | | 100% | |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| SP0405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 37.6 | 2.28 | 0.005 | | 0.125 | 0.125 | 1.9 | 1.32 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 5 | 0.00775 | 0.00775 | 5630 | 4830 | 0.452 | 0.031 | 0.0208 | 0.016 |
| | 10/07/05 | 134 | 3.34 | 0.00155 | 0.0034 | 0.125 | 0.125 | 2.77 | 1.6 | 0.0075 | 0.0075 | 0.0186 | 0.0222 | 1.55 | 1.55 | 0.00775 | 0.00775 | 5530 | 5410 | 0.464 | 0.576 | 0.0576 | 0.027 |
| | 06/27/06 | 131 | 3.49 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.22 | 1.51 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 5170 | 4730 | 0.284 | | 0.0780 | 0.0258 |
| | 08/27/06 | 39.9 | 3.80 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.65 | 1.49 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5480 | 5650 | 0.575 | 0.659 | 0.0366 | 0.0262 |
| | 10/03/06 | 67.3 | 3.24 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.38 | 1.55 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5430 | 4930 | 0.276 | 0.050 | 0.0378 | 0.0166 |
| | 08/03/07 | 26 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | | 0.05 | 0.05 | 20 | 20 | 0.9 | 1.7 | 0.05 | 0.05 | 5500 | 5700 | 0.3 | | 0.025 | 0.025 |
| | 09/06/07 | 13 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.5 | 0.05 | 0.05 | 5400 | 6000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.6 | 2.8 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.7 | 0.05 | 0.05 | 5200 | 5100 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 57 | 4.6 | 0.08 | 0.09 | 0.183 | 0.183 | 2.37 | 1.75 | 0.025 | 0.025 | 8 | 8 | 1.29 | 1.8 | 0.0269 | 0.0269 | 5420 | 5290 | 0.331 | 0.3 | 0.0382 | 0.023 |
| | Median | 39 | 3.4 | 0.02 | 0.03 | 0.155 | 0.155 | 2.25 | 1.55 | 0.013 | 0.013 | 0 | 0 | 1.33 | 1.5 | 0.0185 | 0.0185 | 5460 | 5260 | 0.292 | 0.25 | 0.0308 | 0.025 |
| | St. Deviation | 50 | 3 | 0.1 | 0.1 | 0.057 | 0.057 | 0.72 | 0.51 | 0.021 | 0.021 | 10 | 10 | 0.33 | 1.3 | 0.0196 | 0.0196 | 160 | 460 | 0.162 | 0.26 | 0.02 | 0.004 |
| | # of values | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 6 | 8 | 8 |
| | Minimum | 6 | 2.28 | 0.00155 | 0.0034 | 0.125 | 0.125 | 1.6 | 1.32 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 0.75 | 0.00775 | 0.00775 | 5170 | 4730 | 0.05 | 0.031 | 0.0208 | 0.016 |
| | Maximum | 134 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 3.38 | 2.8 | 0.05 | 0.05 | 20 | 20 | 1.7 | 5 | 0.05 | 0.05 | 5630 | 6000 | 0.575 | 0.659 | 0.078 | 0.027 |
| | % of values undetected | | 13% | 100% | 86% | 100% | 100% | | | 100% | 100% | 88% | 88% | 63% | 63% | 100% | 100% | | | 25% | 67% | 38% | 38% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | 1 | | | | | | 1 | | | 1 |
| SP0505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 60.9 | 6.27 | 0.049 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.766 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | Mean | 60.9 | 6.27 | 0.049 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.766 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | Median | 60.9 | 6.27 | 0.049 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.766 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 60.9 | 6.27 | 0.049 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.766 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | Maximum | 60.9 | 6.27 | 0.049 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.766 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | Lowest fifth percentile | 60.90 | 6.27 | 0.0490 | 0.0504 | 0.444 | 0.487 | 1.19 | 0.77 | 0.0075 | 0.0075 | 0.0016 | 0.0016 | 5.0 | 5.0 | 0.0078 | 0.0078 | 6010 | 5890 | 0.406 | 0.389 | 0.0292 | 0.0382 |
| | % of values undetected | | | | | | | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | | | |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|-------------|-------------|-----------|-------------|---------------|--------------|------------|------------|-------------|--------------|-----------------|--------------|--------------|--------------|------------|-------------|------------|---------------|---------------|-----------|----------------|----------------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0404 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 0.231 | 0.228 | 59.3 | 26.9 | 0.050 | 0.050 | 1160 | 1230 | 1.97 | | 0.0014 | 0.366 | 0.330 | 0.100 | | 337 | 351 | 0.155 | 0.155 | 8120 | 0.00310 | 0.00310 |
| | 09/16/04 | 0.232 | 0.1 | 22 | 3.1 | 0.05 | 0.05 | 835 | 840 | 1.48 | 1.08 | 0.0005 | 0.382 | 0.385 | 0.261 | 0.353 | 453 | 433 | 0.155 | 0.155 | 8930 | 0.0031 | 0.0031 |
| | Mean | 0.232 | 0.16 | 40.7 | 15 | 0.05 | 0.05 | 1000 | 1040 | 1.73 | 1.08 | 0.001 | 0.374 | 0.358 | 0.18 | 0.353 | 395 | 392 | 0.155 | 0.155 | 8530 | 0.0031 | 0.0031 |
| | Median | 0.232 | 0.16 | 40.7 | 15 | 0.05 | 0.05 | 1000 | 1040 | 1.73 | 1.08 | 0.001 | 0.374 | 0.358 | 0.18 | 0.353 | 395 | 392 | 0.155 | 0.155 | 8530 | 0.0031 | 0.0031 |
| | St. Deviation | 0.001 | 0.09 | 26.4 | 16.8 | 0 | 0 | 230 | 280 | 0.35 | NA | 0.0006 | 0.011 | 0.039 | 0.11 | NA | 82 | 58 | 0 | 0 | 570 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.231 | 0.1 | 22 | 3.1 | 0.05 | 0.05 | 835 | 840 | 1.48 | 1.08 | 0.0005 | 0.366 | 0.33 | 0.1 | 0.353 | 337 | 351 | 0.155 | 0.155 | 8120 | 0.0031 | 0.0031 |
| | Maximum | 0.232 | 0.228 | 59.3 | 26.9 | 0.05 | 0.05 | 1160 | 1230 | 1.97 | 1.08 | 0.0014 | 0.382 | 0.385 | 0.261 | 0.353 | 453 | 433 | 0.155 | 0.155 | 8930 | 0.0031 | 0.0031 |
| | % of values undetected | | 50% | | 50% | 100% | 100% | | | | | 50% | | | 50% | | | | | 100% | 100% | | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | 2 | 2 | | | | | | | | | |
| SP0405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 0.126 | 0.215 | 10 | 3.1 | 0.0155 | 0.107 | 1060 | 930 | 2.48 | 0.1 | 0.000450 | 0.355 | 0.338 | 0.217 | 0.316 | 168 | 150 | 0.0775 | 0.0775 | 6750 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.268 | 0.221 | 106 | 3.1 | 0.0386 | | 1100 | 1070 | 4.45 | 0.199 | 0.00113 | 0.368 | 0.382 | 0.28 | | 220 | 210 | 0.0775 | 0.0775 | 7490 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.391 | 0.159 | 102 | 3.10 | 0.193 | | 968 | 909 | 4.78 | 0.155 | 0.0025 | 0.376 | 0.352 | 0.303 | | 191 | 180 | 0.155 | 0.155 | 6780 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.179 | | 33.2 | 3.10 | 0.0155 | | 959 | 956 | 3.93 | 0.183 | 0.0025 | 0.265 | 0.295 | 0.272 | | 162 | 177 | 0.155 | 0.155 | 6630 | 0.0031 | 0.0031 |
| | 10/03/06 | 0.195 | 0.256 | 60.8 | 11.7 | 0.0396 | 0.130 | 1090 | 968 | 4.40 | 0.189 | 0.000475 | 0.365 | 0.365 | 0.116 | 0.298 | 207 | 190 | 0.155 | 0.155 | 6400 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1000 | 1 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 6800 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6800 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000764 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6400 | 0.025 | 0.025 |
| | Mean | 0.239 | 0.229 | 40 | 7 | 0.057 | 0.077 | 980 | 980 | 2.69 | 0.197 | 0.00102 | 0.31 | 0.31 | 0.261 | 0.303 | 280 | 170 | 0.096 | 0.096 | 6760 | 0.011 | 0.011 |
| | Median | 0.25 | 0.25 | 20 | 7 | 0.045 | 0.05 | 980 | 960 | 3.21 | 0.194 | 0.00062 | 0.31 | 0.317 | 0.29 | 0.3 | 180 | 160 | 0.078 | 0.078 | 6770 | 0.003 | 0.003 |
| | St. Deviation | 0.078 | 0.035 | 40 | 4 | 0.057 | 0.038 | 100 | 70 | 1.95 | 0.053 | 0.00097 | 0.06 | 0.056 | 0.065 | 0.007 | 290 | 20 | 0.05 | 0.05 | 340 | 0.011 | 0.011 |
| | # of values | 8 | 7 | 8 | 8 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.126 | 0.159 | 10 | 3.1 | 0.0155 | 0.05 | 800 | 900 | 0.25 | 0.1 | 0.000169 | 0.25 | 0.25 | 0.116 | 0.298 | 150 | 150 | 0.05 | 0.05 | 6400 | 0.0031 | 0.0031 |
| | Maximum | 0.391 | 0.256 | 106 | 11.7 | 0.193 | 0.13 | 1100 | 1100 | 4.78 | 0.25 | 0.0025 | 0.376 | 0.382 | 0.303 | 0.316 | 1000 | 210 | 0.155 | 0.155 | 7490 | 0.025 | 0.025 |
| | % of values undetected | 38% | 43% | 50% | 88% | 63% | 60% | | | 25% | 50% | 75% | 38% | 38% | 38% | 60% | 38% | 38% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | 2 | | 2 | 1 | 1 | 1 | 2 | | | 1 | | | | | | | | |
| SP0505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.19 | | 38 | 10 | 0.0155 | | 642 | 616 | 0.797 | 0.1 | 0.000450 | 0.518 | 0.562 | 0.262 | | 168 | 177 | 0.0775 | 0.0775 | 3470 | 0.0031 | 0.0031 |
| | Mean | 0.19 | NA | 38 | 10 | 0.0155 | NA | 642 | 616 | 0.797 | 0.1 | 0.0004495 | 0.518 | 0.562 | 0.262 | NA | 168 | 177 | 0.0775 | 0.0775 | 3470 | 0.0031 | 0.0031 |
| | Median | 0.19 | NA | 38 | 10 | 0.0155 | NA | 642 | 616 | 0.797 | 0.1 | 0.0004495 | 0.518 | 0.562 | 0.262 | NA | 168 | 177 | 0.0775 | 0.0775 | 3470 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 0 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 0.19 | 0 | 38 | 10 | 0.0155 | 0 | 642 | 616 | 0.797 | 0.1 | 0.0004495 | 0.518 | 0.562 | 0.262 | 0 | 168 | 177 | 0.0775 | 0.0775 | 3470 | 0.0031 | 0.0031 |
| | Maximum | 0.19 | 0 | 38 | 10 | 0.0155 | 0 | 642 | 616 | 0.797 | 0.1 | 0.0004495 | 0.518 | 0.562 | 0.262 | 0 | 168 | 177 | 0.0775 | 0.0775 | 3470 | 0.0031 | 0.0031 |
| | Lowest fifth percentile | 0.19 | #NUM! | 38.0 | 10.0 | 0.016 | #NUM! | 642 | 616 | 0.80 | 0.10 | 0.000450 | 0.518 | 0.562 | 0.262 | #NUM! | 168 | 177 | 0.08 | 0.08 | 3470 | 0.0031 | 0.0031 |
| | % of values undetected | | | | 100% | 100% | | | | | 100% | 100% | | | | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0404 | | | | | | | | | | | |
| | 05/22/04 | 2180 | 2280 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.786 | 1.04 | 0.75 | 0.75 |
| | 09/16/04 | 2160 | 2170 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.474 | 0.425 | 0.75 | 0.75 |
| | Mean | 2170 | 2230 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.63 | 0.73 | 0.75 | 0.75 |
| | Median | 2170 | 2230 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.63 | 0.73 | 0.75 | 0.75 |
| | St. Deviation | 10 | 80 | 0 | 0 | 0 | 0 | 0.221 | 0.43 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 2160 | 2170 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.474 | 0.425 | 0.75 | 0.75 |
| | Maximum | 2180 | 2280 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.786 | 1.04 | 0.75 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP0405 | | | | | | | | | | | |
| | 07/21/05 | 2830 | 2580 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.367 | 0.1 | 2.7 | |
| | 10/07/05 | 2890 | 2930 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.229 | 0.432 | 0.834 | 1.12 |
| | 06/27/06 | 2580 | 2500 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.512 | 0.110 | 1.95 | 0.984 |
| | 08/27/06 | 2500 | 2600 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.939 | 1.19 |
| | 10/03/06 | 2810 | 2520 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | 0.50 |
| | 08/03/07 | 2600 | 2600 | 0.05 | 0.1 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/06/07 | 2500 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/26/07 | 2500 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | Mean | 2650 | 2600 | 0.021 | 0.03 | 0.041 | 0.041 | 0.29 | 0.18 | 1.2 | 2 |
| | Median | 2590 | 2600 | 0.005 | 0.01 | 0.05 | 0.05 | 0.25 | 0.11 | 1 | 1 |
| | St. Deviation | 160 | 100 | 0.024 | 0.04 | 0.013 | 0.013 | 0.16 | 0.12 | 0.7 | 2 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 2500 | 2500 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 0.5 |
| | Maximum | 2890 | 2930 | 0.05 | 0.1 | 0.05 | 0.05 | 0.512 | 0.432 | 2.7 | 5 |
| | % of values undetected | | | 100% | 88% | 100% | 100% | 63% | 88% | 50% | 57% |
| | # of values between MDL and PQL | | | | 1 | | | 2 | | 2 | 1 |
| SP0505 | | | | | | | | | | | |
| | 07/20/05 | 1600 | 1610 | 0.0031 | | 0.031 | | 1.49 | 1.32 | 12.7 | |
| | Mean | 1600 | 1610 | 0.0031 | NA | 0.031 | NA | 1.49 | 1.32 | 12.7 | NA |
| | Median | 1600 | 1610 | 0.0031 | NA | 0.031 | NA | 1.49 | 1.32 | 12.7 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 0 |
| | Minimum | 1600 | 1610 | 0.0031 | 0 | 0.031 | 0 | 1.49 | 1.32 | 12.7 | 0 |
| | Maximum | 1600 | 1610 | 0.0031 | 0 | 0.031 | 0 | 1.49 | 1.32 | 12.7 | 0 |
| | Lowest fifth percentile | 1600 | 1610 | 0.0031 | #NUM! | 0.031 | #NUM! | 1.490 | 1.320 | 12.70 | #NUM! |
| | % of values undetected | | | 100% | | 100% | | | | | |
| | # of values between MDL and PQL | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP0604 | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 18.2 | 42.0 | 48.8 | 0.410 | 3.80 | 0.171 | | | 0.0155 | | 0.702 | 0.115 | 0.989 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Mean | 18.2 | 42 | 48.8 | 0.41 | 3.8 | 0.171 | NA | NA | 0.0155 | NA | 0.702 | 0.115 | 0.989 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Median | 18.2 | 42 | 48.8 | 0.41 | 3.8 | 0.171 | NA | NA | 0.0155 | NA | 0.702 | 0.115 | 0.989 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Minimum | 18.2 | 42 | 48.8 | 0.41 | 3.8 | 0.171 | NA | NA | 0.0155 | NA | 0.702 | 0.115 | 0.989 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 18.2 | 42 | 48.8 | 0.41 | 3.8 | 0.171 | NA | NA | 0.0155 | NA | 0.702 | 0.115 | 0.989 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Lowest fifth percentile | 18.20 | 42.0 | 48.80 | 0.41 | 3.80 | 0.171 | NA | NA | 0.0155 | NA | 0.702 | 0.1150 | 0.99 | 0.00125 | 0.00125 | 0.065 | 0.016 | |
| | % of values undetected | | | | | | | | | 100% | | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 1 | | | | | | | | | | | | | |
| SP0605 | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 47.6 | 95 | 63.8 | 8.06 | 1.8 | 6.13 | | | 0.107 | | 0.423 | 0.0155 | 0.801 | 0.00125 | 0.00125 | 0.73 | 0.042 | |
| | 10/07/05 | 41.3 | 90 | 47 | 0.825 | 9.13 | 0.166 | | | 0.00165 | | 0.937 | 0.05 | 1.05 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | 03/16/06 | 36.7 | 90 | 55 | 40.2 | 14.5 | 0.254 | | | 0.036 | | 0.795 | 0.0155 | 0.954 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | 06/30/06 | 30.5 | 65.0 | 46.3 | 1.40 | 7.50 | 0.0155 | 0.0155 | 0.0155 | 0.00155 | 0.0155 | 0.953 | 0.0310 | 0.802 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 28.0 | 60.0 | 65.0 | 3.81 | 10.8 | 0.0425 | 0.0155 | 0.0410 | 0.00155 | 0.0155 | 0.561 | 0.0510 | 0.934 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/06/06 | 34.5 | 75.0 | 53.8 | 0.700 | 9.75 | 0.110 | 0.0155 | 0.101 | 0.00155 | 0.0155 | 1.16 | 0.0740 | 0.996 | 0.00075 | 0.0030 | 0.155 | 0.050 | |
| | 05/23/07 | 34.0 | 80.0 | 57.5 | 2.73 | 4.00 | 0.138 | | | 0.00155 | | 0.783 | 0.0410 | 0.773 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/03/07 | 49 | 121 | 50 | 2.5 | 1 | 0.04 | | | 0.025 | | 0.6 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 47 | 109 | 60 | 2.5 | 1 | 0.05 | | | 0.005 | | 1.5 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/25/07 | 33 | 75 | 50 | 6 | 1 | 0.10 | | | 0.005 | | 1.3 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 38.2 | 90 | 55 | 6.9 | 6 | 0.7 | 0.0155 | 0.053 | 0.019 | 0.0155 | 0.9 | 0.043 | 0.86 | 0.0015 | 0.0017 | 0.187 | 0.031 | |
| | Median | 35.6 | 90 | 54 | 2.6 | 6 | 0.11 | 0.0155 | 0.041 | 0.003 | 0.0155 | 0.87 | 0.05 | 0.87 | 0.0013 | 0.0013 | 0.155 | 0.025 | |
| | St. Deviation | 7.6 | 20 | 7 | 11.9 | 5 | 1.91 | 0 | 0.044 | 0.033 | 0 | 0.34 | 0.018 | 0.15 | 0.0007 | 0.0009 | 0.199 | 0.015 | |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 3 | 3 | 10 | 3 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | Minimum | 28 | 60 | 46.3 | 0.7 | 1 | 0.0155 | 0.0155 | 0.0155 | 0.00155 | 0.0155 | 0.423 | 0.0155 | 0.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 49 | 121 | 65 | 40.2 | 14.5 | 6.13 | 0.0155 | 0.101 | 0.107 | 0.0155 | 1.5 | 0.074 | 1.05 | 0.0025 | 0.003 | 0.73 | 0.05 | |
| | % of values undetected | | | | 20% | 30% | 10% | 100% | 33% | 80% | 100% | | 60% | | 100% | 90% | 80% | 90% | |
| | # of values between MDL and PQL | | | | 1 | 3 | 3 | | 1 | | | 3 | 4 | 3 | | 1 | 2 | 1 | |
| SP0705 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 28.3 | 65 | 41.3 | 5.8 | 0.785 | 0.767 | | | 0.075 | | 0.77 | 0.0155 | 3.78 | 0.00125 | 0.00125 | 0.63 | 0.0155 | |
| | 10/07/05 | 28.5 | 65 | 36 | 3.23 | 0.785 | 0.67 | | | 0.014 | | 0.8 | 0.05 | 2.78 | 0.00125 | 0.00125 | 0.32 | 0.0155 | |
| | 06/28/06 | 24.8 | 60.0 | 47.5 | 0.202 | 0.785 | 0.489 | 0.050 | 0.448 | 0.0110 | 0.0900 | 0.732 | 0.0440 | 2.53 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 27.8 | 55.0 | 57.5 | 4.80 | 1.57 | 0.549 | 0.0155 | 0.543 | 0.0145 | 0.0155 | 0.739 | 0.0610 | 2.84 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/02/06 | 24.0 | 55.0 | 47.5 | 7.10 | 1.57 | 0.401 | 0.0155 | 0.401 | 0.00155 | 0.0700 | 0.812 | 0.0910 | 2.82 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/25/07 | 25.3 | 60.0 | 48.8 | 0.444 | 1.57 | 0.497 | | | 0.0380 | | 0.798 | 0.0460 | 2.40 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/03/07 | 27 | 64 | 50 | 2.5 | 1 | 0.47 | | | 0.025 | | 1.0 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 28 | 62 | 50 | 5 | 1 | 0.51 | | | 0.005 | | 1.5 | 0.05 | 2.8 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/25/07 | 25 | 64 | 60 | 2.5 | 1 | 0.46 | | | 0.01 | | 1.0 | 0.05 | 2.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 26.5 | 61 | 48.7 | 3.5 | 1.12 | 0.535 | 0.027 | 0.464 | 0.022 | 0.059 | 0.9 | 0.051 | 2.77 | 0.0015 | 0.0014 | 0.19 | 0.026 | |
| | Median | 27 | 62 | 48.8 | 3.23 | 1 | 0.497 | 0.0155 | 0.448 | 0.014 | 0.07 | 0.8 | 0.05 | 2.78 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 1.7 | 4 | 7.3 | 2.4 | 0.35 | 0.114 | 0.0199 | 0.072 | 0.023 | 0.039 | 0.2 | 0.019 | 0.42 | 0.0008 | 0.0008 | 0.19 | 0.014 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 24 | 55 | 36 | 0.202 | 0.785 | 0.401 | 0.0155 | 0.401 | 0.00155 | 0.0155 | 0.732 | 0.0155 | 2.4 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 28.5 | 65 | 60 | 7.1 | 1.57 | 0.767 | 0.05 | 0.543 | 0.075 | 0.09 | 1.5 | 0.091 | 3.78 | 0.0025 | 0.0025 | 0.63 | 0.05 | |
| | % of values undetected | | | | 33% | 100% | | 100% | | 33% | 33% | | 56% | | 100% | 100% | 78% | 100% | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0604 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 12.5 | 12.5 | 0.784 | 0.100 | 0.125 | 0.125 | 0.921 | | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.050 | 0.0155 | |
| | Mean | 12.5 | 12.5 | 0.784 | 0.1 | 0.125 | 0.125 | 0.921 | NA | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.05 | 0.0155 | NA |
| | Median | 12.5 | 12.5 | 0.784 | 0.1 | 0.125 | 0.125 | 0.921 | NA | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.05 | 0.0155 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | Minimum | 12.5 | 12.5 | 0.784 | 0.1 | 0.125 | 0.125 | 0.921 | 0 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.05 | 0.0155 | 0 |
| | Maximum | 12.5 | 12.5 | 0.784 | 0.1 | 0.125 | 0.125 | 0.921 | 0 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.05 | 0.0155 | 0 |
| | Lowest fifth percentile | 12.50 | 12.50 | 0.7840 | 0.1000 | 0.125 | 0.125 | 0.92 | #NUM! | 0.0075 | 0.0075 | 0.7500 | 0.7500 | 1.6 | 1.6 | 0.0155 | 0.0155 | 5850 | 5650 | 0.238 | 0.050 | 0.0155 | #NUM! |
| | % of values undetected | 100% | 100% | | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SP0605 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 221 | 17.5 | 0.005 | 0.0112 | 0.284 | 0.125 | 11.6 | 8.73 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 11.3 | 0.00775 | 0.00775 | 11100 | 9130 | 0.527 | 0.031 | 0.109 | 0.0522 |
| | 10/07/05 | 41.2 | 29.3 | 0.00155 | 0.00155 | 0.125 | 0.125 | 10.4 | 10.4 | 0.0075 | 0.0075 | 0.014 | 0.0128 | 1.55 | 1.55 | 0.00775 | 0.00775 | 9610 | 9900 | 0.545 | 0.713 | 0.0476 | 0.052 |
| | 03/16/06 | 371 | 15.4 | 0.0968 | 0.025 | 0.61 | 0.155 | 10.3 | 10.7 | 0.028 | 0.012 | 0.025 | 0.0075 | 2.5 | 2.5 | 0.0125 | 0.0125 | 8580 | | 0.563 | 0.39 | 0.149 | 0.059 |
| | 06/30/06 | 35.1 | 31.1 | 0.0250 | 0.0250 | 0.155 | 0.155 | 6.62 | 6.09 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 7290 | 7120 | 0.679 | 0.676 | 0.0464 | 0.0460 |
| | 08/27/06 | 48.5 | 37.1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 6.52 | 6.23 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 7030 | 6940 | 0.688 | 0.637 | 0.0514 | 0.0466 |
| | 10/06/06 | 36.1 | 29.9 | 0.0075 | 0.0075 | 0.155 | 0.155 | 8.38 | 8.66 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 8590 | 8780 | 0.137 | 0.182 | 0.0314 | 0.0328 |
| | 05/23/07 | 31.0 | 19.7 | 0.0075 | | 0.155 | 0.155 | 7.84 | 9.01 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.68 | 0.0075 | 0.0075 | 7750 | 8370 | 0.400 | 0.294 | 0.0472 | 0.0378 |
| | 08/03/07 | 22 | 24 | 0.2 | 0.2 | 0.25 | 0.25 | 10.9 | 11.5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 2.5 | 0.05 | 0.05 | 12600 | 11500 | 0.2 | 0.4 | 0.025 | 0.025 |
| | 09/06/07 | 25 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 9.6 | 10.5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 10900 | 11200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/25/07 | 46 | 34 | 0.2 | 0.2 | 0.25 | 0.25 | 7 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 7300 | 8200 | 0.05 | 0.6 | 0.025 | 0.025 |
| | Mean | 88 | 25.9 | 0.08 | 0.08 | 0.239 | 0.178 | 8.9 | 9.1 | 0.024 | 0.023 | 6 | 6 | 1.46 | 2.7 | 0.0235 | 0.0235 | 9100 | 9000 | 0.384 | 0.417 | 0.056 | 0.04 |
| | Median | 39 | 26.7 | 0.02 | 0.03 | 0.203 | 0.155 | 9 | 9 | 0.013 | 0.013 | 0 | 0 | 1.5 | 1.5 | 0.0155 | 0.0155 | 8600 | 8800 | 0.464 | 0.395 | 0.047 | 0.042 |
| | St. Deviation | 116 | 7.4 | 0.09 | 0.09 | 0.142 | 0.051 | 1.9 | 1.9 | 0.019 | 0.019 | 10 | 10 | 0.44 | 3.1 | 0.0187 | 0.0187 | 1900 | 1600 | 0.253 | 0.232 | 0.041 | 0.013 |
| | # of values | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 |
| | Minimum | 22 | 15.4 | 0.00155 | 0.00155 | 0.125 | 0.125 | 6.52 | 6.09 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 0.75 | 0.0075 | 0.0075 | 7030 | 6940 | 0.05 | 0.031 | 0.025 | 0.025 |
| | Maximum | 371 | 37.1 | 0.2 | 0.2 | 0.61 | 0.25 | 11.6 | 11.5 | 0.05 | 0.05 | 20 | 20 | 2.5 | 11.3 | 0.05 | 0.05 | 12600 | 11500 | 0.688 | 0.713 | 0.149 | 0.059 |
| | % of values undetected | | | 90% | 89% | 80% | 100% | | | 90% | 100% | 90% | 90% | 80% | 50% | 100% | 100% | | | 20% | 20% | 30% | 30% |
| | # of values between MDL and PQL | | | | | 1 | | | | 1 | | | | | 1 | | | | | 2 | 2 | | |
| SP0705 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 121 | 2.82 | 0.036 | 0.0346 | 0.914 | 0.594 | 3.67 | 2.57 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 9100 | 8680 | 0.825 | 0.686 | 0.089 | 0.016 |
| | 10/07/05 | 3.73 | 2.08 | 0.0306 | 0.0288 | 0.524 | 0.421 | 2.74 | 2.57 | 0.0075 | 0.0075 | 0.0176 | 0.02 | 1.55 | 1.55 | 0.00775 | 0.00775 | 9120 | 8550 | 0.924 | 1.1 | 0.0206 | 0.0242 |
| | 06/28/06 | 13.1 | 1.00 | 0.0502 | 0.0250 | 0.639 | 0.426 | 2.61 | 2.68 | 0.0120 | 0.0120 | 0.0210 | 0.0075 | 2.50 | 2.50 | 0.0125 | 0.0125 | 8000 | 7940 | 0.743 | 0.878 | 0.0346 | 0.0328 |
| | 08/27/06 | 55.9 | 2.19 | 0.0075 | 0.0075 | 0.748 | 0.406 | 3.20 | 2.73 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9180 | 9600 | 1.08 | 1.04 | 0.0410 | 0.0248 |
| | 10/02/06 | 8.43 | 2.40 | 0.0384 | 0.0198 | 0.565 | 0.155 | 2.48 | 2.54 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0678 | 0.0185 | 7630 | 7910 | 0.570 | 0.193 | 0.0065 | 0.0184 |
| | 05/25/07 | 9.13 | 4.67 | 0.0250 | 0.0250 | 0.386 | 0.525 | 2.68 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 8030 | 8380 | 0.703 | 0.419 | 0.0196 | 0.0252 |
| | 08/03/07 | 7 | 11 | 0.2 | 0.2 | 0.6 | 0.25 | 2.9 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.1 | 0.05 | 0.05 | 8600 | 8800 | 0.8 | 0.9 | 0.025 | 0.025 |
| | 09/06/07 | 15 | 2.5 | 0.2 | 0.2 | 0.6 | 0.25 | 2.6 | 2.8 | 0.05 | 0.05 | 20 | 20 | 2 | 1.4 | 0.05 | 0.05 | 8700 | 9100 | 0.25 | 0.7 | 0.025 | 0.025 |
| | 10/25/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.9 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 8400 | 8200 | 0.25 | 0.8 | 0.025 | 0.025 |
| | Mean | 27 | 3 | 0.09 | 0.08 | 0.581 | 0.364 | 2.98 | 2.9 | 0.024 | 0.024 | 7 | 7 | 1.64 | 1.61 | 0.0302 | 0.0247 | 8500 | 8570 | 0.68 | 0.75 | 0.032 | 0.024 |
| | Median | 9.13 | 2.5 | 0.0384 | 0.0288 | 0.6 | 0.406 | 2.74 | 2.705 | 0.0125 | 0.0125 | 0.0176 | 0.0075 | 1.55 | 1.55 | 0.0185 | 0.0185 | 8600 | 8550 | 0.743 | 0.8 | 0.025 | 0.025 |
| | St. Deviation | 39 | 3 | 0.09 | 0.09 | 0.192 | 0.146 | 0.51 | 0.48 | 0.02 | 0.02 | 10 | 10 | 0.42 | 0.43 | 0.0239 | 0.0194 | 600 | 550 | 0.28 | 0.29 | 0.023 | 0.0047 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 3.73 | 1 | 0.0075 | 0.0075 | 0.25 | 0.155 | 2.48 | 2.54 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.25 | 1.25 | 0.0075 | 0.0075 | 7630 | 7910 | 0.25 | 0.193 | 0.0065 | 0.016 |
| | Maximum | 121 | 11 | 0.2 | 0.2 | 0.914 | 0.594 | 3.9 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.5 | 2.5 | 0.0678 | 0.05 | 9180 | 9600 | 1.08 | 1.1 | 0.089 | 0.0328 |
| | % of values undetected | | 33% | 56% | 67% | 11% | 44% | | | 100% | 100% | 78% | 89% | 78% | 67% | 89% | 100% | | | 22% | 44% | 33% | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0604 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 0.100 | 0.258 | 124 | 58.5 | 0.050 | 0.050 | 871 | 850 | 1.80 | 2.72 | 0.0019 | 0.155 | 0.155 | 0.100 | 0.260 | 138 | 148 | 0.155 | 0.155 | 4390 | 0.00310 | 0.00310 |
| | Mean | 0.1 | 0.258 | 124 | 58.5 | 0.05 | 0.05 | 871 | 850 | 1.8 | 2.72 | 0.0019 | 0.155 | 0.155 | 0.1 | 0.26 | 138 | 148 | 0.155 | 0.155 | 4390 | 0.0031 | 0.0031 |
| | Median | 0.1 | 0.258 | 124 | 58.5 | 0.05 | 0.05 | 871 | 850 | 1.8 | 2.72 | 0.0019 | 0.155 | 0.155 | 0.1 | 0.26 | 138 | 148 | 0.155 | 0.155 | 4390 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 0.1 | 0.258 | 124 | 58.5 | 0.05 | 0.05 | 871 | 850 | 1.8 | 2.72 | 0.0019 | 0.155 | 0.155 | 0.1 | 0.26 | 138 | 148 | 0.155 | 0.155 | 4390 | 0.0031 | 0.0031 |
| | Maximum | 0.1 | 0.258 | 124 | 58.5 | 0.05 | 0.05 | 871 | 850 | 1.8 | 2.72 | 0.0019 | 0.155 | 0.155 | 0.1 | 0.26 | 138 | 148 | 0.155 | 0.155 | 4390 | 0.0031 | 0.0031 |
| | Lowest fifth percentile | 0.10 | 0.26 | 124.0 | 58.5 | 0.050 | 0.050 | 871 | 850 | 1.80 | 2.72 | 0.001900 | 0.155 | 0.155 | 0.100 | 0.260 | 138 | 148 | 0.16 | 0.16 | 4390 | 0.0031 | 0.0031 |
| | % of values undetected | 100% | | | | 100% | 100% | | | | | | 100% | 100% | 100% | | | | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SP0605 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 0.57 | 0.516 | 142 | 3.1 | 0.05 | 0.105 | 4810 | 4090 | 16.1 | 5.22 | 0.00141 | 0.0384 | 0.01 | 0.49 | 0.554 | 136 | 104 | 0.0775 | 0.0775 | 3750 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.573 | 0.538 | 22.4 | 12.7 | 0.0155 | | 4210 | 4230 | 1.61 | 0.918 | 0.000450 | 0.0031 | 0.0031 | 0.373 | | 194 | 204 | 0.0775 | 0.0775 | 5470 | 0.0031 | 0.0031 |
| | 03/16/06 | 0.773 | 0.412 | 227 | 15.5 | 0.252 | | 3700 | | 9.53 | 5.59 | 0.0013 | 0.371 | | 0.368 | | 124 | 157 | 0.382 | 0.155 | 3360 | 0.0031 | 0.0031 |
| | 06/30/06 | 0.435 | 0.432 | 16.6 | 13.3 | 0.119 | | 2980 | 2930 | 1.30 | 0.727 | 0.0025 | 0.0075 | 0.0075 | 0.453 | | 61.2 | 67.4 | 0.155 | 0.155 | 3910 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.490 | 0.584 | 23.3 | 13.1 | 0.0155 | 0.124 | 2540 | 2380 | 2.70 | 2.46 | 0.0025 | 0.0145 | 0.0145 | 0.378 | 0.546 | 84.3 | 92.7 | 0.155 | 0.155 | 3700 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.400 | 0.489 | 20.6 | 23.3 | 0.0155 | 0.0436 | 3180 | 3140 | 0.876 | 0.412 | 0.000475 | 0.0145 | 0.0145 | 0.169 | 0.226 | 217 | 237 | 0.155 | 0.155 | 4140 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.441 | 0.485 | 56.4 | 31.9 | 0.0155 | | 3560 | 3850 | 3.39 | 1.48 | 0.000999 | 0.0766 | 0.107 | 0.239 | 0.303 | 173 | | 0.155 | 0.155 | 4040 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.6 | 0.25 | 30 | 10 | 0.05 | 0.05 | 5300 | 5000 | 3.7 | 2.3 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3800 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 4600 | 4600 | 1.5 | 1.5 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 4300 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.5 | 20 | 10 | 0.05 | 0.05 | 2800 | 3000 | 1.5 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.7 | 150 | 150 | 0.25 | 0.05 | 4500 | 0.025 | 0.025 |
| | Mean | 0.48 | 0.446 | 57 | 14.3 | 0.063 | 0.07 | 3770 | 3690 | 4.2 | 2.09 | 0.00148 | 0.128 | 0.1 | 0.337 | 0.418 | 144 | 146 | 0.151 | 0.113 | 4100 | 0.01 | 0.01 |
| | Median | 0.47 | 0.487 | 23 | 12.9 | 0.05 | 0.05 | 3630 | 3850 | 2.2 | 1.49 | 0.00136 | 0.058 | 0.01 | 0.334 | 0.303 | 150 | 150 | 0.155 | 0.128 | 3980 | 0.003 | 0.003 |
| | St. Deviation | 0.16 | 0.114 | 71 | 8 | 0.073 | 0.035 | 930 | 870 | 4.9 | 1.9 | 0.00096 | 0.138 | 0.12 | 0.096 | 0.179 | 47 | 53 | 0.102 | 0.046 | 580 | 0.011 | 0.011 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 6 | 10 | 9 | 10 | 10 | 10 | 10 | 9 | 10 | 7 | 10 | 9 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 0.25 | 0.25 | 10 | 3.1 | 0.0155 | 0.0436 | 2540 | 2380 | 0.876 | 0.25 | 0.000169 | 0.0031 | 0.0031 | 0.169 | 0.226 | 61.2 | 67.4 | 0.05 | 0.05 | 3360 | 0.0031 | 0.0031 |
| | Maximum | 0.773 | 0.584 | 227 | 31.9 | 0.252 | 0.124 | 5300 | 5000 | 16.1 | 5.59 | 0.0025 | 0.371 | 0.25 | 0.49 | 0.7 | 217 | 237 | 0.382 | 0.155 | 5470 | 0.025 | 0.025 |
| | % of values undetected | 20% | 20% | 10% | 40% | 80% | 50% | | | | 20% | 70% | 70% | 89% | 30% | 29% | 30% | 33% | 90% | 90% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | 3 | 4 | | 1 | | | 2 | 1 | 3 | | | 1 | 1 | | | 1 | 1 | | | |
| SP0705 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.28 | 0.133 | 123 | 3.1 | 0.05 | 0.125 | 1370 | 1270 | 10.2 | 0.1 | 0.000450 | 0.128 | 0.12 | 0.355 | | 356 | 337 | 0.0775 | 0.0775 | 5790 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.143 | 0.208 | 8.03 | 3.1 | 0.0155 | | 1400 | 1310 | 0.197 | | 0.000450 | 0.0852 | 0.0904 | 0.297 | | 362 | 351 | 0.0775 | 0.0775 | 6550 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.163 | 0.205 | 7.80 | 3.10 | 0.666 | 0.274 | 1160 | 1160 | 0.154 | 0.0830 | 0.000475 | 0.103 | 0.104 | 0.441 | | 298 | 301 | 0.155 | 0.155 | 6020 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.156 | | 58.2 | 3.10 | 0.0362 | | 1190 | 1260 | 1.97 | 0.174 | 0.000475 | 0.0634 | 0.0730 | 0.402 | | 368 | 393 | 0.155 | 0.155 | 6130 | 0.0031 | 0.0031 |
| | 10/02/06 | 0.050 | | 23.2 | 24.4 | 0.0155 | | 1200 | 1250 | 0.366 | 0.155 | 0.000475 | 0.113 | 0.128 | 0.0990 | | 314 | 353 | 0.155 | 0.155 | 6090 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.050 | 0.191 | 31.1 | 14.0 | 0.0155 | 0.050 | 1280 | 1300 | 0.382 | | 0.000169 | 0.139 | 0.169 | 0.229 | 0.229 | 309 | 335 | 0.155 | 0.155 | 5750 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.1 | 5800 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 6300 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.8 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.25 | 0.05 | 6200 | 0.025 | 0.025 |
| | Mean | 0.18 | 0.212 | 31 | 9 | 0.105 | 0.1 | 1200 | 1260 | 1.6 | 0.18 | 0.00059 | 0.154 | 0.16 | 0.303 | 0.282 | 380 | 336 | 0.125 | 0.108 | 6070 | 0.01 | 0.01 |
| | Median | 0.163 | 0.208 | 10 | 10 | 0.05 | 0.05 | 1200 | 1270 | 0.366 | 0.174 | 0.0004495 | 0.128 | 0.128 | 0.3 | 0.3 | 314 | 351 | 0.155 | 0.1 | 6090 | 0.0031 | 0.0031 |
| | St. Deviation | 0.09 | 0.043 | 38 | 7 | 0.211 | 0.1 | 100 | 50 | 3.3 | 0.07 | 0.00073 | 0.076 | 0.07 | 0.099 | 0.036 | 240 | 77 | 0.066 | 0.047 | 260 | 0.011 | 0.011 |
| | # of values | 9 | 7 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 7 | 9 | 9 | 9 | 9 | 4 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.05 | 0.133 | 7.8 | 3.1 | 0.0155 | 0.05 | 1160 | 1160 | 0.154 | 0.083 | 0.000169 | 0.0634 | 0.073 | 0.099 | 0.229 | 150 | 150 | 0.05 | 0.05 | 5750 | 0.0031 | 0.0031 |
| | Maximum | 0.28 | 0.25 | 123 | 24.4 | 0.666 | 0.274 | 1400 | 1310 | 10.2 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.441 | 0.3 | 1000 | 400 | 0.25 | 0.155 | 6550 | 0.025 | 0.025 |
| | % of values undetected | 56% | 43% | 33% | 78% | 78% | 67% | | | 22% | 57% | 100% | 33% | 33% | 33% | 75% | 22% | 11% | 100% | 89% | 100% | 100% | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0604 | | | | | | | | | | | |
| | 05/21/04 | 1810 | 1740 | 0.0125 | 0.0125 | 0.50 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | Mean | 1810 | 1740 | 0.0125 | 0.0125 | 0.5 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | Median | 1810 | 1740 | 0.0125 | 0.0125 | 0.5 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 1810 | 1740 | 0.0125 | 0.0125 | 0.5 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | Maximum | 1810 | 1740 | 0.0125 | 0.0125 | 0.5 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | Lowest fifth percentile | 1810 | 1740 | 0.0125 | 0.0125 | 0.500 | 0.155 | 0.477 | 0.125 | 0.75 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP0605 | | | | | | | | | | | |
| | 07/21/05 | 5880 | 4990 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.325 | 0.333 | 4.31 | |
| | 10/07/05 | 4610 | 4680 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.374 | 0.1 | 0.865 | 1.97 |
| | 03/16/06 | 4760 | | 0.0128 | 0.0025 | 0.708 | 0.05 | 0.741 | 0.25 | 3.19 | 3.01 |
| | 06/30/06 | 3930 | 3850 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.110 | 0.110 | 1.31 | 1.55 |
| | 08/27/06 | 3670 | 3330 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.15 | 2.94 |
| | 10/06/06 | 3560 | 3520 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 05/23/07 | 4340 | 4710 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/03/07 | 6200 | 5800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/06/07 | 5700 | 5800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 5 | 5 |
| | 10/25/07 | 3000 | 3500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 4570 | 4460 | 0.019 | 0.018 | 0.11 | 0.043 | 0.25 | 0.18 | 2 | 2.9 |
| | Median | 4480 | 4680 | 0.005 | 0.005 | 0.05 | 0.05 | 0.2 | 0.18 | 1.2 | 2.9 |
| | St. Deviation | 1080 | 960 | 0.022 | 0.022 | 0.21 | 0.012 | 0.2 | 0.08 | 1.6 | 1.6 |
| | # of values | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 |
| | Minimum | 3000 | 3330 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 6200 | 5800 | 0.05 | 0.05 | 0.708 | 0.05 | 0.741 | 0.333 | 5 | 5 |
| | % of values undetected | | | 90% | 100% | 90% | 100% | 70% | 80% | 50% | 43% |
| | # of values between MDL and PQL | | | | | | | 2 | 2 | 1 | |
| SP0705 | | | | | | | | | | | |
| | 07/19/05 | 2110 | 2050 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.967 | 0.493 | 13.5 | |
| | 10/07/05 | 2180 | 2100 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.222 | 0.31 | 0.805 | 1.8 |
| | 06/28/06 | 1840 | 1860 | 0.0086 | 0.0058 | 0.0155 | 0.0155 | 0.110 | 0.325 | 0.849 | 1.00 |
| | 08/27/06 | 1880 | 2080 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.749 | |
| | 10/02/06 | 1880 | 2010 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | |
| | 05/25/07 | 1960 | 1980 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.13 | |
| | 08/03/07 | 2000 | 2000 | 0.4 | 0.4 | 0.05 | 0.05 | 0.4 | 0.3 | 1 | 1 |
| | 09/06/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.3 | 1 | 5 |
| | 10/25/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | Mean | 1960 | 2010 | 0.06 | 0.06 | 0.042 | 0.042 | 0.28 | 0.32 | 2.2 | 3 |
| | Median | 1960 | 2010 | 0.005 | 0.005 | 0.05 | 0.05 | 0.222 | 0.3 | 1 | 1.8 |
| | St. Deviation | 130 | 90 | 0.13 | 0.13 | 0.013 | 0.013 | 0.27 | 0.11 | 4.2 | 2 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 5 |
| | Minimum | 1800 | 1860 | 0.0031 | 0.0031 | 0.0155 | 0.0155 | 0.1 | 0.155 | 0.155 | 1 |
| | Maximum | 2180 | 2100 | 0.4 | 0.4 | 0.05 | 0.05 | 0.967 | 0.5 | 13.5 | 5 |
| | % of values undetected | | | 78% | 78% | 100% | 100% | 67% | 44% | 44% | 60% |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia |
|--|-------------|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| # of values between MDL and PQL | | | | | 2 | | | | | 2 | 2 | 3 | 4 | 3 | | | 2 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--|-------------|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | | | 1 | 1 | 3 | 3 | | | | | 1 | | | | | | | | | 1 | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| | | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--|-------------|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|---------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| Sample Location ID | Sample Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | | | 2 | 1 | 1 | | | | 2 | | | | | 1 | | 1 | 2 | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| | | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--|-------------|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| Sample Location ID | Sample Date | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| # of values between MDL and PQL | | 1 | 1 | 2 | 2 | | | 2 | 4 | 2 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP0804 | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 40.8 | 100 | 76.3 | 0.075 | 1.57 | 0.0900 | | | 0.124 | | 0.759 | 0.050 | 2.32 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/17/04 | 36 | 100 | 75 | 0.5 | 1.57 | | | | 0.0155 | | 0.895 | 0.066 | 2.11 | 0.00125 | 0.00125 | 0.29 | 0.0155 | |
| | Mean | 38.4 | 100 | 75.7 | 0.29 | 1.57 | 0.09 | NA | NA | 0.07 | NA | 0.827 | 0.058 | 2.22 | 0.00125 | 0.00125 | 0.18 | 0.0155 | |
| | Median | 38.4 | 100 | 75.7 | 0.29 | 1.57 | 0.09 | NA | NA | 0.07 | NA | 0.827 | 0.058 | 2.22 | 0.00125 | 0.00125 | 0.18 | 0.0155 | |
| | St. Deviation | 3.4 | 0 | 0.9 | 0.3 | 0 | NA | NA | NA | 0.077 | NA | 0.096 | 0.011 | 0.15 | 0 | 0 | 0.16 | 0 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 36 | 100 | 75 | 0.075 | 1.57 | 0.09 | NA | NA | 0.0155 | NA | 0.759 | 0.05 | 2.11 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 40.8 | 100 | 76.3 | 0.5 | 1.57 | 0.09 | NA | NA | 0.124 | NA | 0.895 | 0.066 | 2.32 | 0.00125 | 0.00125 | 0.29 | 0.0155 | |
| | % of values undetected | | | | 50% | 100% | | | | 50% | | | 50% | | 100% | 100% | 50% | 100% | |
| | # of values between MDL and PQL | | | | | | 1 | | | | | | 1 | | | | 1 | | |
| SP0805 | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 6.9 | 20 | 21.3 | 3 | 0.785 | 0.407 | | | 0.109 | | 0.79 | 0.0155 | 0.367 | 0.00125 | 0.00125 | 0.64 | 0.0155 | |
| | 10/07/05 | 7.83 | 22 | 36 | 5.9 | 3.63 | 0.069 | | | 0.018 | | 0.689 | 0.0155 | 0.565 | 0.009 | 0.00125 | 0.17 | 0.0155 | |
| | 06/27/06 | 7.11 | 21.0 | 43.8 | 2.63 | 5.75 | 0.050 | 0.050 | 0.0480 | 0.0300 | 0.0700 | 0.790 | 0.0155 | 0.624 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 7.39 | 19.0 | 37.5 | 1.22 | 5.25 | 0.0900 | 0.0155 | 0.0870 | 0.0090 | 0.0155 | 0.721 | 0.0320 | 0.556 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/03/06 | 7.20 | 21.0 | 27.5 | 0.0775 | 5.75 | 0.050 | 0.0155 | 0.050 | 0.0119 | 0.120 | 0.707 | 0.0630 | 0.579 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/06/07 | 9 | 22 | 20 | 2.5 | 1 | 0.08 | | | 0.02 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/08/07 | 9 | 24 | 10 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 3.5 | 22 | 30 | 2.5 | 1 | 0.04 | | | 0.005 | | 0.8 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 7.2 | 21 | 28.3 | 2.5 | 3.02 | 0.1 | 0.027 | 0.062 | 0.03 | 0.07 | 0.76 | 0.036 | 0.518 | 0.0025 | 0.0015 | 0.18 | 0.028 | |
| | Median | 7.3 | 22 | 28.8 | 2.5 | 2.32 | 0.06 | 0.0155 | 0.05 | 0.01 | 0.07 | 0.79 | 0.041 | 0.572 | 0.0019 | 0.0013 | 0.16 | 0.025 | |
| | St. Deviation | 1.7 | 2 | 11 | 1.7 | 2.31 | 0.12 | 0.0199 | 0.022 | 0.03 | 0.05 | 0.05 | 0.019 | 0.135 | 0.0027 | 0.0008 | 0.19 | 0.014 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 3.5 | 19 | 10 | 0.0775 | 0.785 | 0.04 | 0.0155 | 0.048 | 0.005 | 0.0155 | 0.689 | 0.0155 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 9 | 24 | 43.8 | 5.9 | 5.75 | 0.407 | 0.05 | 0.087 | 0.109 | 0.12 | 0.8 | 0.063 | 0.624 | 0.009 | 0.0025 | 0.64 | 0.05 | |
| | % of values undetected | 13% | | | 50% | 50% | 25% | 100% | 33% | 25% | 33% | | 75% | 13% | 88% | 100% | 75% | 100% | |
| | # of values between MDL and PQL | | | 1 | | 3 | 5 | | 2 | 3 | 1 | 3 | 2 | 2 | | | 2 | | |
| SP0904 | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 3.53 | 15.0 | 21.3 | 0.075 | 1.57 | | | | 0.0155 | | 0.636 | 0.0155 | 0.714 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/17/04 | 6.99 | 30 | 37.5 | 1.1 | 1.57 | 0.47 | | | 0.0155 | | 0.65 | 0.044 | 0.656 | 0.00125 | 0.00125 | 0.28 | 0.0155 | |
| | Mean | 5.26 | 23 | 29.4 | 0.6 | 1.57 | 0.47 | NA | NA | 0.0155 | NA | 0.643 | 0.0298 | 0.685 | 0.00125 | 0.00125 | 0.17 | 0.0155 | |
| | Median | 5.26 | 23 | 29.4 | 0.6 | 1.57 | 0.47 | NA | NA | 0.0155 | NA | 0.643 | 0.0298 | 0.685 | 0.00125 | 0.00125 | 0.17 | 0.0155 | |
| | St. Deviation | 2.45 | 11 | 11.5 | 0.7 | 0 | NA | NA | NA | 0 | NA | 0.01 | 0.0202 | 0.041 | 0 | 0 | 0.15 | 0 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 3.53 | 15 | 21.3 | 0.075 | 1.57 | 0.47 | NA | NA | 0.0155 | NA | 0.636 | 0.0155 | 0.656 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | Maximum | 6.99 | 30 | 37.5 | 1.1 | 1.57 | 0.47 | NA | NA | 0.0155 | NA | 0.65 | 0.044 | 0.714 | 0.00125 | 0.00125 | 0.28 | 0.0155 | |
| | % of values undetected | | | | 50% | 100% | | | | 100% | | | 50% | | 100% | 100% | 50% | 100% | |
| | # of values between MDL and PQL | | | | | | 1 | | | | | | 1 | | | | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0804 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 12.5 | 12.5 | 0.0385 | 0.313 | 0.125 | 0.125 | 3.89 | 4.43 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11500 | 10800 | 0.202 | 0.236 | 0.0155 | 3.18 |
| | 09/17/04 | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 4.71 | 4.72 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 9680 | 9590 | 0.199 | 0.241 | 0.05 | 1.72 |
| | Mean | 12.5 | 12.5 | 0.0385 | 0.176 | 0.125 | 0.125 | 4.3 | 4.58 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 10600 | 10200 | 0.201 | 0.239 | 0.033 | 2.45 |
| | Median | 12.5 | 12.5 | 0.0385 | 0.176 | 0.125 | 0.125 | 4.3 | 4.58 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 10600 | 10200 | 0.201 | 0.239 | 0.033 | 2.45 |
| | St. Deviation | 0 | 0 | 0 | 0.194 | 0 | 0 | 0.58 | 0.21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1300 | 900 | 0.002 | 0.004 | 0.024 | 1.03 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 3.89 | 4.43 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 9680 | 9590 | 0.199 | 0.236 | 0.0155 | 1.72 |
| | Maximum | 12.5 | 12.5 | 0.0385 | 0.313 | 0.125 | 0.125 | 4.71 | 4.72 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11500 | 10800 | 0.202 | 0.241 | 0.05 | 3.18 |
| | % of values undetected | 100% | 100% | 100% | 50% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |
| SP0805 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 114 | 2.76 | 0.0102 | 0.0202 | 0.125 | 0.125 | 1.98 | 1.35 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 2180 | 1990 | 0.353 | 0.031 | 0.0194 | 0.0118 |
| | 10/07/05 | 122 | 2.45 | 0.0088 | 0.0066 | 0.125 | 0.31 | 2.43 | 1.64 | 0.0075 | 0.0075 | 0.0144 | 0.014 | 1.55 | 1.55 | 0.00775 | 0.00775 | 2450 | 2300 | 0.493 | 0.556 | 0.03 | 0.0126 |
| | 06/27/06 | 106 | 4.06 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.28 | 1.77 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 2230 | 2220 | 0.100 | | 0.0482 | 0.0100 |
| | 08/27/06 | 11.0 | 2.91 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.51 | 1.50 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2410 | 2300 | 0.537 | 0.567 | 0.0152 | 0.0158 |
| | 10/03/06 | 3.88 | 2.30 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.54 | 1.55 | 0.0125 | 0.0125 | 0.0154 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2260 | 2130 | 0.104 | 0.050 | 0.0065 | 0.0065 |
| | 08/06/07 | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 1.6 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1 | 0.05 | 0.05 | 2200 | 2600 | 0.3 | 0.1 | 0.025 | 0.025 |
| | 09/08/07 | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.1 | 0.05 | 0.05 | 2300 | 2800 | 0.25 | 0.9 | 0.025 | 0.025 |
| | 10/26/07 | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 2.6 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 2200 | 2300 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 48 | 2.75 | 0.08 | 0.08 | 0.183 | 0.206 | 2.02 | 1.72 | 0.025 | 0.025 | 8 | 8 | 1.7 | 1.7 | 0.0269 | 0.0269 | 2280 | 2300 | 0.342 | 0.35 | 0.024 | 0.016 |
| | Median | 11 | 2.5 | 0.02 | 0.02 | 0.155 | 0.203 | 1.94 | 1.6 | 0.013 | 0.013 | 0 | 0 | 1.3 | 1.3 | 0.0185 | 0.0185 | 2250 | 2300 | 0.327 | 0.25 | 0.025 | 0.014 |
| | St. Deviation | 55 | 0.56 | 0.1 | 0.1 | 0.057 | 0.067 | 0.46 | 0.41 | 0.021 | 0.021 | 10 | 10 | 1.4 | 1.4 | 0.0196 | 0.0196 | 100 | 300 | 0.19 | 0.33 | 0.012 | 0.008 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 |
| | Minimum | 3.88 | 2.3 | 0.0075 | 0.0066 | 0.125 | 0.125 | 1.51 | 1.35 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.7 | 0.75 | 0.00775 | 0.00775 | 2180 | 1990 | 0.1 | 0.031 | 0.0065 | 0.0065 |
| | Maximum | 122 | 4.06 | 0.2 | 0.2 | 0.25 | 0.31 | 2.8 | 2.6 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.05 | 0.05 | 2450 | 2800 | 0.6 | 0.9 | 0.0482 | 0.025 |
| | % of values undetected | | 38% | 75% | 75% | 100% | 88% | | | 100% | 100% | 75% | 88% | 63% | 63% | 100% | 100% | | | 25% | 43% | 50% | 63% |
| | # of values between MDL and PQL | | | 1 | 1 | | 1 | | | | | 1 | | 1 | | | | | | 2 | 1 | 1 | 1 |
| SP0904 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 58.4 | 35.2 | 0.986 | | 0.125 | 0.125 | 0.150 | | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1190 | 1160 | 0.100 | 0.050 | 0.0155 | |
| | 09/17/04 | 35.1 | 28.8 | 0.0385 | 0.0385 | 0.125 | 0.125 | 2.99 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 2280 | | 0.116 | 0.05 | 0.0155 | |
| | Mean | 46.8 | 32 | 0.512 | 0.04 | 0.125 | 0.125 | 1.57 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1740 | 1160 | 0.11 | 0.05 | 0.0155 | NA |
| | Median | 46.8 | 32 | 0.512 | 0.04 | 0.125 | 0.125 | 1.57 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1740 | 1160 | 0.11 | 0.05 | 0.0155 | NA |
| | St. Deviation | 16.5 | 4.5 | 0.67 | NA | 0 | 0 | 2.01 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 770 | NA | 0.01 | 0 | 0 | NA |
| | # of values | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 0 |
| | Minimum | 35.1 | 28.8 | 0.0385 | 0.0385 | 0.125 | 0.125 | 0.15 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 1190 | 1160 | 0.1 | 0.05 | 0.0155 | NA |
| | Maximum | 58.4 | 35.2 | 0.986 | 0.0385 | 0.125 | 0.125 | 2.99 | 2.95 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 2280 | 1160 | 0.116 | 0.05 | 0.0155 | NA |
| | % of values undetected | | | 50% | 200% | 100% | 100% | 50% | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | 50% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0804 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 0.100 | 0.100 | 88.2 | 63.4 | 0.050 | 0.050 | 2920 | 2860 | 0.250 | 4.70 | 0.0005 | 0.155 | 0.155 | 0.340 | 0.369 | 522 | 514 | 0.155 | 0.155 | 7340 | 0.00310 | 0.00310 |
| | 09/17/04 | 0.1 | 0.1 | 91.8 | 97.5 | 0.05 | 0.05 | 2880 | 2810 | 0.25 | 2.49 | 0.0005 | 0.155 | 0.155 | 0.303 | 0.442 | 535 | 543 | 0.155 | 0.155 | 8490 | 0.0031 | 0.0031 |
| | Mean | 0.1 | 0.1 | 90 | 80.5 | 0.05 | 0.05 | 2900 | 2840 | 0.25 | 3.6 | 0.0005 | 0.155 | 0.155 | 0.322 | 0.406 | 529 | 529 | 0.155 | 0.155 | 7920 | 0.0031 | 0.0031 |
| | Median | 0.1 | 0.1 | 90 | 80.5 | 0.05 | 0.05 | 2900 | 2840 | 0.25 | 3.6 | 0.0005 | 0.155 | 0.155 | 0.322 | 0.406 | 529 | 529 | 0.155 | 0.155 | 7920 | 0.0031 | 0.0031 |
| | St. Deviation | 0 | 0 | 2.5 | 24.1 | 0 | 0 | 30 | 40 | 0 | 1.56 | 0 | 0 | 0 | 0.026 | 0.052 | 9 | 21 | 0 | 0 | 810 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.1 | 0.1 | 88.2 | 63.4 | 0.05 | 0.05 | 2880 | 2810 | 0.25 | 2.49 | 0.0005 | 0.155 | 0.155 | 0.303 | 0.369 | 522 | 514 | 0.155 | 0.155 | 7340 | 0.0031 | 0.0031 |
| | Maximum | 0.1 | 0.1 | 91.8 | 97.5 | 0.05 | 0.05 | 2920 | 2860 | 0.25 | 4.7 | 0.0005 | 0.155 | 0.155 | 0.34 | 0.442 | 535 | 543 | 0.155 | 0.155 | 8490 | 0.0031 | 0.0031 |
| | % of values undetected | 100% | 100% | | | 100% | 100% | | | 100% | | 100% | 100% | 100% | | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SP0805 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 0.126 | 0.138 | 74.8 | 3.1 | 0.05 | 0.122 | 355 | 322 | 1.74 | 0.203 | 0.000450 | 0.087 | 0.0724 | 0.128 | | 134 | 120 | 0.0775 | 0.0775 | 4530 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.302 | 0.18 | 90.1 | 3.1 | 0.0488 | | 415 | 387 | 2.52 | 0.116 | 0.000450 | 0.068 | 0.0626 | 0.109 | | 184 | 174 | 0.0775 | 0.0775 | 5050 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.220 | 0.151 | 61.6 | 3.10 | 0.160 | | 370 | 366 | 3.10 | 0.276 | 0.0025 | 0.0928 | 0.0644 | 0.100 | | 122 | 129 | 0.155 | 0.155 | 4800 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.165 | | 10.7 | 3.10 | 0.0786 | | 331 | 322 | 0.414 | 0.165 | 0.000475 | 0.0350 | 0.0360 | 0.154 | | 142 | 143 | 0.155 | 0.155 | 4120 | 0.0031 | 0.0031 |
| | 10/03/06 | 0.119 | 0.200 | 3.10 | 3.10 | 0.0155 | | 380 | 363 | 0.0758 | 0.114 | 0.000475 | 0.109 | 0.0918 | 0.0310 | | 114 | 104 | 0.155 | 0.155 | 4410 | 0.0031 | 0.0031 |
| | 08/06/07 | 0.25 | 0.25 | 90 | 10 | 0.05 | 0.05 | 300 | 500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | 09/08/07 | 0.8 | 1 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 150 | 400 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 300 | 400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 150 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | Mean | 0.279 | 0.3 | 43.8 | 6 | 0.06 | 0.068 | 360 | 395 | 1.07 | 0.259 | 0.00119 | 0.14 | 0.135 | 0.18 | 0.7 | 187 | 280 | 0.096 | 0.096 | 4580 | 0.011 | 0.011 |
| | Median | 0.235 | 0.2 | 36.2 | 3 | 0.05 | 0.05 | 360 | 377 | 0.33 | 0.227 | 0.00047 | 0.1 | 0.082 | 0.14 | 0.3 | 146 | 150 | 0.078 | 0.078 | 4520 | 0.003 | 0.003 |
| | St. Deviation | 0.22 | 0.3 | 38.9 | 4 | 0.04 | 0.036 | 40 | 70 | 1.2 | 0.188 | 0.00109 | 0.09 | 0.097 | 0.11 | 0.69 | 128 | 310 | 0.05 | 0.05 | 320 | 0.011 | 0.011 |
| | # of values | 8 | 7 | 8 | 8 | 8 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.119 | 0.138 | 3.1 | 3.1 | 0.0155 | 0.05 | 300 | 322 | 0.0758 | 0.114 | 0.000169 | 0.035 | 0.036 | 0.031 | 0.3 | 114 | 104 | 0.05 | 0.05 | 4120 | 0.0031 | 0.0031 |
| | Maximum | 0.8 | 1 | 90.1 | 10 | 0.16 | 0.122 | 415 | 500 | 3.1 | 0.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 500 | 1000 | 0.155 | 0.155 | 5050 | 0.025 | 0.025 |
| | % of values undetected | 25% | 29% | 38% | 100% | 63% | 75% | | | 38% | 25% | 100% | 38% | 38% | 63% | 100% | 25% | 25% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | 1 | | 2 | | 3 | 3 | | 2 | | 1 | 1 | 1 | | 1 | 1 | | | | | |
| SP0904 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 0.240 | 0.214 | 34.2 | 22.1 | 0.050 | | 136 | 122 | 2.04 | | 0.0025 | 0.155 | 0.155 | 0.100 | 0.267 | 55.7 | 51.5 | 0.155 | 0.155 | 1240 | 0.00310 | 0.00310 |
| | 09/17/04 | 0.287 | 0.219 | 68 | 20.2 | 0.05 | 0.05 | 316 | 382 | 2.12 | | 0.0005 | 0.155 | 0.155 | 0.1 | | 170 | 181 | 0.155 | 0.155 | 6310 | 0.0031 | 0.0031 |
| | Mean | 0.264 | 0.217 | 51.1 | 21.2 | 0.05 | 0.05 | 226 | 252 | 2.08 | NA | 0.0015 | 0.155 | 0.155 | 0.1 | 0.267 | 113 | 116 | 0.155 | 0.155 | 3780 | 0.0031 | 0.0031 |
| | Median | 0.264 | 0.217 | 51.1 | 21.2 | 0.05 | 0.05 | 226 | 252 | 2.08 | NA | 0.0015 | 0.155 | 0.155 | 0.1 | 0.267 | 113 | 116 | 0.155 | 0.155 | 3780 | 0.0031 | 0.0031 |
| | St. Deviation | 0.033 | 0.004 | 23.9 | 1.3 | 0 | NA | 127 | 184 | 0.06 | NA | 0.0014 | 0 | 0 | 0 | NA | 81 | 92 | 0 | 0 | 3590 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 0 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.24 | 0.214 | 34.2 | 20.2 | 0.05 | 0.05 | 136 | 122 | 2.04 | NA | 0.0005 | 0.155 | 0.155 | 0.1 | 0.267 | 55.7 | 51.5 | 0.155 | 0.155 | 1240 | 0.0031 | 0.0031 |
| | Maximum | 0.287 | 0.219 | 68 | 22.1 | 0.05 | 0.05 | 316 | 382 | 2.12 | NA | 0.0025 | 0.155 | 0.155 | 0.1 | 0.267 | 170 | 181 | 0.155 | 0.155 | 6310 | 0.0031 | 0.0031 |
| | % of values undetected | | | | | 100% | 100% | | | | | 50% | 100% | 100% | 100% | | | | | | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP0804 | | | | | | | | | | | |
| | 05/22/04 | 2990 | 2850 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.200 | 0.200 | 0.235 | 0.75 |
| | 09/17/04 | 2830 | 2740 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.367 | 0.274 | 0.235 | 0.75 |
| | Mean | 2910 | 2800 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.28 | 0.24 | 0.235 | 0.75 |
| | Median | 2910 | 2800 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.28 | 0.24 | 0.235 | 0.75 |
| | St. Deviation | 110 | 80 | 0 | 0 | 0 | 0 | 0.12 | 0.05 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 2830 | 2740 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.2 | 0.2 | 0.235 | 0.75 |
| | Maximum | 2990 | 2850 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.367 | 0.274 | 0.235 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 50% | 50% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | 1 | | |
| SP0805 | | | | | | | | | | | |
| | 07/21/05 | 1800 | 1680 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.217 | 0.1 | 12.2 | 14.9 |
| | 10/07/05 | 1930 | 1930 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.432 | 0.54 | 0.93 | 0.952 |
| | 06/27/06 | 1670 | 1710 | 0.0072 | 0.0025 | 0.0155 | 0.0155 | 0.645 | 0.110 | 4.57 | 1.26 |
| | 08/27/06 | 1650 | 1610 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 3.64 | 1.67 |
| | 10/03/06 | 1750 | 1740 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | 0.50 |
| | 08/06/07 | 1600 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/08/07 | 1800 | 1800 | 0.05 | 0.25 | 0.05 | 0.1 | 0.1 | 0.1 | 1 | 1 |
| | 10/26/07 | 1700 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1740 | 1750 | 0.022 | 0.05 | 0.041 | 0.05 | 0.31 | 0.19 | 3.1 | 3 |
| | Median | 1730 | 1730 | 0.006 | 0.01 | 0.05 | 0.05 | 0.25 | 0.11 | 1 | 1 |
| | St. Deviation | 110 | 100 | 0.023 | 0.09 | 0.013 | 0.02 | 0.2 | 0.16 | 4 | 5 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 1600 | 1610 | 0.0031 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.155 | 0.5 |
| | Maximum | 1930 | 1930 | 0.05 | 0.25 | 0.05 | 0.1 | 0.645 | 0.54 | 12.2 | 14.9 |
| | % of values undetected | | | 88% | 100% | 100% | 88% | 63% | 88% | 50% | 50% |
| | # of values between MDL and PQL | 3 | 3 | 1 | | | 1 | 1 | | 1 | 1 |
| SP0904 | | | | | | | | | | | |
| | 05/22/04 | 862 | 784 | 0.0125 | 0.0125 | 1.50 | 0.155 | 0.464 | 0.125 | 0.75 | 1.70 |
| | 09/17/04 | 1620 | 1720 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.337 | 0.125 | 0.235 | |
| | Mean | 1240 | 1250 | 0.0125 | 0.0125 | 0.83 | 0.155 | 0.401 | 0.125 | 0.493 | 1.7 |
| | Median | 1240 | 1250 | 0.0125 | 0.0125 | 0.83 | 0.155 | 0.401 | 0.125 | 0.493 | 1.7 |
| | St. Deviation | 540 | 660 | 0 | 0 | 0.95 | 0 | 0.09 | 0 | 0.364 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| | Minimum | 862 | 784 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.337 | 0.125 | 0.235 | 1.7 |
| | Maximum | 1620 | 1720 | 0.0125 | 0.0125 | 1.5 | 0.155 | 0.464 | 0.125 | 0.75 | 1.7 |
| | % of values undetected | | | 100% | 100% | 50% | 100% | | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP0905 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 30 | 70 | 52.5 | 1.2 | 0.785 | 6.75 | | | 0.0785 | | 0.805 | 0.031 | 3.04 | 0.00125 | 0.00125 | 0.48 | 0.0155 | |
| | 10/06/05 | 26.8 | 65 | 49 | 0.2 | 2 | 0.535 | | | 0.0085 | | 0.949 | 0.05 | 2.53 | 0.00125 | 0.00125 | 0.19 | 0.045 | |
| | 06/29/06 | 22.8 | 65.0 | 51.3 | 0.784 | 2.00 | 1.66 | 0.0155 | 1.63 | 0.0150 | 0.0700 | 0.780 | 0.0410 | 2.58 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/28/06 | 26.9 | 55.0 | 57.5 | 0.0815 | 1.57 | 0.488 | 0.0155 | 0.488 | 0.0170 | 0.0500 | 0.872 | 0.0690 | 2.49 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/02/06 | 24.2 | 55.0 | 43.8 | 1.12 | 1.57 | 0.367 | 0.0155 | 0.367 | 0.0080 | 0.0800 | 0.806 | 0.0540 | 2.55 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 03/27/07 | 30.4 | 65.0 | 37.5 | 0.488 | 1.57 | 0.375 | 0.050 | 0.341 | 0.0130 | 0.0400 | 0.827 | 0.0590 | 3.00 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/25/07 | 28.1 | 65.0 | 51.3 | 0.163 | 1.57 | 0.446 | | | 0.0259 | | 0.815 | 0.0520 | 2.80 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/03/07 | 31 | 71 | 50 | 2.5 | 1 | 0.42 | | | 0.025 | | 1.0 | 0.05 | 3.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 32 | 70 | 30 | 2.5 | 1 | 0.43 | | | 0.005 | | 1.0 | 0.05 | 3.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/25/07 | 28 | 63 | 40 | 2.5 | 1 | 0.47 | | | 0.01 | | 0.9 | 0.05 | 2.1 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 28 | 64 | 46.3 | 1.15 | 1.4 | 1.19 | 0.0241 | 0.71 | 0.021 | 0.06 | 0.88 | 0.051 | 2.72 | 0.003 | 0.0014 | 0.16 | 0.028 | |
| | Median | 28.1 | 65 | 49.5 | 0.95 | 1.6 | 0.46 | 0.0155 | 0.43 | 0.014 | 0.06 | 0.85 | 0.05 | 2.69 | 0.001 | 0.001 | 0.155 | 0.025 | |
| | St. Deviation | 3 | 6 | 8.3 | 1 | 0.4 | 1.99 | 0.0173 | 0.62 | 0.022 | 0.018 | 0.08 | 0.01 | 0.32 | 0.004 | 0.0008 | 0.125 | 0.015 | |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | 10 | 4 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | Minimum | 22.8 | 55 | 30 | 0.0815 | 0.785 | 0.367 | 0.0155 | 0.341 | 0.005 | 0.04 | 0.78 | 0.031 | 2.1 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 32 | 71 | 57.5 | 2.5 | 2 | 6.75 | 0.05 | 1.63 | 0.0785 | 0.08 | 1 | 0.069 | 3.1 | 0.015 | 0.0025 | 0.48 | 0.05 | |
| | % of values undetected | | | | 50% | 80% | | 100% | | 20% | | | 40% | | 100% | 100% | 80% | 90% | |
| | # of values between MDL and PQL | | | | 3 | 2 | | | | 3 | 4 | 3 | 6 | 1 | | | 2 | 1 | |
| SP100 | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 16 | 42 | 30 | 10 | 1 | 0.45 | | | 0.01 | | 1.1 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/05/07 | 15 | 42 | 40 | 2.5 | 1 | 0.46 | | | 0.01 | | 1.0 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 17 | 48 | 50 | 2.5 | 1 | 0.35 | | | 0.02 | | 1.0 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 16 | 44 | 40 | 5 | 1 | 0.42 | NA | NA | 0.013 | NA | 1 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Median | 16 | 42 | 40 | 2.5 | 1 | 0.45 | NA | NA | 0.01 | NA | 1 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 1 | 3 | 10 | 4 | 0 | 0.06 | NA | NA | 0.006 | NA | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 15 | 42 | 30 | 2.5 | 1 | 0.35 | NA | NA | 0.01 | NA | 1 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Maximum | 17 | 48 | 50 | 10 | 1 | 0.46 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | 33% | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 3 | | 3 | | 2 | | | | | |
| SP1004 | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 10.1 | 120 | 33.8 | 0.9 | 1.57 | | | | 0.0155 | | 0.589 | 0.031 | 2.81 | 0.003 | 0.00125 | 0.21 | 0.0155 | |
| | Mean | 10.1 | 120 | 33.8 | 0.9 | 1.57 | NA | NA | NA | 0.0155 | NA | 0.589 | 0.031 | 2.81 | 0.003 | 0.00125 | 0.21 | 0.0155 | |
| | Median | 10.1 | 120 | 33.8 | 0.9 | 1.57 | NA | NA | NA | 0.0155 | NA | 0.589 | 0.031 | 2.81 | 0.003 | 0.00125 | 0.21 | 0.0155 | |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | # of values | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Minimum | 10.1 | 120 | 33.8 | 0.9 | 1.57 | NA | NA | NA | 0.0155 | NA | 0.589 | 0.031 | 2.81 | 0.003 | 0.00125 | 0.21 | 0.0155 | |
| | Maximum | 10.1 | 120 | 33.8 | 0.9 | 1.57 | NA | NA | NA | 0.0155 | NA | 0.589 | 0.031 | 2.81 | 0.003 | 0.00125 | 0.21 | 0.0155 | |
| | Lowest fifth percentile | 10.10 | 120.0 | 33.80 | 0.90 | 1.57 | NA | NA | NA | 0.0155 | NA | 0.589 | 0.0310 | 2.81 | 0.00300 | 0.00125 | 0.210 | 0.016 | |
| | % of values undetected | | | | | 100% | | | | 100% | | | | | | 100% | | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | 1 | | 1 | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0905 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 37.6 | 2.79 | 0.123 | 0.117 | 6.25 | 6.15 | 2.32 | 2.08 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 1.55 | 0.00775 | 0.00775 | 9920 | 9570 | 0.792 | 0.948 | 0.03 | 0.022 |
| | 10/06/05 | 2.61 | 1.75 | 0.11 | 0.105 | 5.57 | 4.99 | 2 | 1.79 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 8840 | 7640 | 0.947 | 0.619 | 0.022 | |
| | 06/29/06 | 114 | 3.19 | 0.139 | 0.145 | 6.26 | 5.92 | 2.69 | 2.08 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 1.97 | 1.78 | 0.0125 | 0.0125 | 8970 | 8880 | 0.834 | 1.02 | 0.0784 | 0.0336 |
| | 08/28/06 | 2.08 | 1.84 | 0.0075 | 0.0075 | 5.59 | 5.48 | 2.03 | 1.83 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9000 | 9010 | 0.917 | 1.04 | 0.0212 | 0.0248 |
| | 10/02/06 | 8.29 | 3.43 | 0.128 | 0.0966 | 6.00 | 5.44 | 1.91 | 1.84 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 7950 | 8120 | 0.636 | 0.255 | 0.0208 | 0.0218 |
| | 03/27/07 | 5.18 | 3.02 | 0.167 | 0.183 | 6.48 | 6.53 | 2.32 | 2.35 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9980 | 9840 | 0.778 | 0.766 | 0.0100 | |
| | 05/25/07 | 2.37 | 2.66 | 0.139 | 0.155 | 5.67 | 5.48 | 2.05 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9200 | 9720 | 0.560 | 0.662 | 0.0142 | 0.0162 |
| | 08/03/07 | 8 | 10 | 0.2 | 0.2 | 6.9 | 6.4 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.4 | 0.05 | 0.05 | 10500 | 10200 | 1.1 | 1 | 0.025 | 0.025 |
| | 09/06/07 | 2.5 | 2.5 | 0.2 | 0.2 | 5.9 | 6.6 | 1.9 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.6 | 0.05 | 0.05 | 10200 | 10700 | 1 | 0.25 | 0.07 | 0.025 |
| | 10/25/07 | 5 | 2.5 | 0.2 | 0.2 | 5.6 | 4.7 | 3.1 | | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.8 | 0.05 | 0.05 | 8800 | 9200 | 0.9 | 0.9 | 0.025 | 0.025 |
| | Mean | 19 | 3.4 | 0.141 | 0.141 | 6.02 | 5.77 | 2.25 | 2.05 | 0.023 | 0.023 | 6 | 6 | 1.83 | 1.57 | 0.023 | 0.023 | 9300 | 9300 | 0.85 | 0.75 | 0.032 | 0.0242 |
| | Median | 5 | 2.7 | 0.139 | 0.15 | 5.95 | 5.7 | 2.13 | 2.08 | 0.013 | 0.013 | 0 | 0 | 1.4 | 1.55 | 0.0155 | 0.0155 | 9100 | 9400 | 0.87 | 0.83 | 0.024 | 0.0249 |
| | St. Deviation | 35 | 2.4 | 0.058 | 0.062 | 0.45 | 0.65 | 0.38 | 0.25 | 0.019 | 0.019 | 10 | 10 | 1.15 | 0.36 | 0.0191 | 0.0191 | 800 | 900 | 0.16 | 0.3 | 0.023 | 0.0049 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 |
| | Minimum | 2.08 | 1.75 | 0.0075 | 0.0075 | 5.57 | 4.7 | 1.9 | 1.79 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.2 | 1.25 | 0.0075 | 0.0075 | 7950 | 7640 | 0.56 | 0.25 | 0.01 | 0.0162 |
| | Maximum | 114 | 10 | 0.2 | 0.2 | 6.9 | 6.6 | 3.1 | 2.4 | 0.05 | 0.05 | 20 | 20 | 5 | 2.4 | 0.05 | 0.05 | 10500 | 10700 | 1.1 | 1.04 | 0.0784 | 0.0336 |
| | % of values undetected | 20% | 20% | 40% | 40% | | | | | 100% | 100% | 100% | 100% | 60% | 60% | 100% | 100% | | | | 10% | 30% | 38% |
| | # of values between MDL and PQL | | 2 | | | | | | | | | | | 1 | 1 | | | | | | | 2 | 1 |
| SP100 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 7 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.5 | 0.05 | 0.05 | 4500 | 4800 | 0.4 | 0.6 | 0.025 | 0.025 |
| | 09/05/07 | 13 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 20 | 2 | 1.1 | 0.05 | 0.05 | 4500 | 4700 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 9 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 3.5 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 5100 | 5400 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.6 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.4 | 0.05 | 0.05 | 4700 | 5000 | 0.23 | 0.37 | 0.025 | 0.025 |
| | Median | 9 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 4500 | 4800 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 3 | 1 | 0 | 0 | 0 | 0 | 0.8 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0.2 | 0 | 0 | 300 | 400 | 0.18 | 0.2 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.1 | 0.05 | 0.05 | 4500 | 4700 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 13 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 3.5 | 2.4 | 0.05 | 0.05 | 20 | 20 | 2 | 1.5 | 0.05 | 0.05 | 5100 | 5400 | 0.4 | 0.6 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |
| SP1004 | | | | | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 12.5 | 12.5 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3280 | | 0.114 | 0.249 | 0.05 | |
| | Mean | 12.5 | 12.5 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3280 | NA | 0.114 | 0.249 | 0.05 | NA |
| | Median | 12.5 | 12.5 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3280 | NA | 0.114 | 0.249 | 0.05 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 0 |
| | Minimum | 12.5 | 12.5 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3280 | 0 | 0.114 | 0.249 | 0.05 | 0 |
| | Maximum | 12.5 | 12.5 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 3280 | 0 | 0.114 | 0.249 | 0.05 | 0 |
| | Lowest fifth percentile | 12.50 | 12.50 | 0.0385 | 0.0957 | 0.125 | 0.125 | 2.49 | 2.78 | 0.0075 | 0.0075 | 0.7500 | 0.7500 | 1.6 | 1.6 | 0.0155 | 0.0155 | 3280 | NA | 0.114 | 0.249 | 0.0500 | NA |
| | % of values undetected | 100% | 100% | 100% | | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | | 100% | |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | | | | | | | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0905 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.12 | 0.142 | 25 | 3.1 | 0.05 | | 1270 | 1240 | 1.1 | 0.1 | 0.000450 | 0.394 | 0.471 | 0.401 | | 421 | 407 | 0.0775 | 0.0775 | 5520 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.117 | 0.178 | 3.1 | 3.1 | 0.0155 | | 1140 | 991 | 0.0748 | 0.1 | 0.000450 | 0.34 | 0.327 | 0.288 | | 387 | 342 | 0.0775 | 0.0775 | 6210 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.224 | 0.293 | 114 | 7.54 | 0.790 | 0.771 | 1180 | 1190 | 3.89 | 0.0988 | 0.000475 | 0.395 | 0.367 | 0.529 | | 393 | 395 | 0.155 | 0.155 | 6260 | 0.0031 | 0.0031 |
| | 08/28/06 | 0.0996 | | 3.10 | 6.94 | 0.0604 | 0.130 | 1080 | 1080 | 0.0316 | | 0.000475 | 0.300 | 0.294 | 0.344 | | 404 | 402 | 0.155 | 0.155 | 5650 | 0.0031 | 0.0031 |
| | 10/02/06 | 0.120 | 0.197 | 28.7 | 24.4 | 0.0155 | 0.119 | 1050 | 1150 | 0.224 | 0.113 | 0.000475 | 0.456 | 0.396 | 0.230 | 0.419 | 332 | 378 | 0.155 | 0.155 | 5800 | 0.0031 | 0.0031 |
| | 03/27/07 | 0.106 | | 8.29 | 12.6 | 7.57 | 0.050 | 1340 | 1310 | 0.0902 | | 0.000169 | 0.513 | 0.509 | 0.341 | | 407 | 391 | 0.155 | 0.155 | 5390 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.050 | | 25.7 | 24.1 | 0.0155 | 0.050 | 1240 | 1280 | 0.0250 | | 0.000169 | 0.448 | 0.493 | 0.228 | 0.236 | 372 | 407 | 0.155 | 0.155 | 5390 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.000169 | 0.5 | 0.5 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000421 | 1.5 | 0.25 | 0.3 | 0.3 | 600 | 300 | 0.05 | 0.05 | 6100 | 0.05 | 0.025 |
| | Mean | 0.16 | 0.22 | 20 | 11.2 | 0.87 | 0.16 | 1180 | 1200 | 0.62 | 0.17 | 0.00058 | 0.51 | 0.51 | 0.326 | 0.31 | 470 | 332 | 0.108 | 0.108 | 5780 | 0.012 | 0.01 |
| | Median | 0.12 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1190 | 1220 | 0.24 | 0.11 | 0.00045 | 0.42 | 0.43 | 0.3 | 0.3 | 400 | 385 | 0.116 | 0.116 | 5730 | 0.003 | 0.003 |
| | St. Deviation | 0.08 | 0.05 | 30 | 7.5 | 2.37 | 0.25 | 90 | 110 | 1.19 | 0.08 | 0.00069 | 0.36 | 0.36 | 0.088 | 0.07 | 200 | 102 | 0.051 | 0.051 | 330 | 0.016 | 0.011 |
| | # of values | 10 | 7 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 7 | 10 | 10 | 10 | 10 | 5 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 0.05 | 0.142 | 3.1 | 3.1 | 0.0155 | 0.05 | 1050 | 991 | 0.025 | 0.0988 | 0.000169 | 0.25 | 0.25 | 0.228 | 0.236 | 332 | 150 | 0.05 | 0.05 | 5390 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.293 | 114 | 24.4 | 7.57 | 0.771 | 1340 | 1310 | 3.89 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.529 | 0.419 | 1000 | 407 | 0.155 | 0.155 | 6260 | 0.05 | 0.025 |
| | % of values undetected | 40% | 43% | 50% | 50% | 70% | 63% | | | 40% | 71% | 90% | 20% | 20% | 30% | 60% | 10% | 20% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | 3 | 1 | | | | 2 | | 1 | 1 | 1 | | | 2 | 1 | | | | | |
| SP100 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 800 | 900 | 0.25 | 0.25 | 0.000594 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.12 | 830 | 900 | 0.4 | 0.25 | 0.000311 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 230 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 0 | 0 | 0.12 | 60 | 0 | 0.26 | 0 | 0.000245 | 0 | 0 | 0 | 0 | 500 | 140 | 0 | 0 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 900 | 900 | 0.7 | 0.25 | 0.000594 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 67% | 100% | 67% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | 1 | | 1 | | | | 1 | 1 | | | | | | |
| SP1004 | | | | | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 0.453 | 0.316 | 45.2 | 9.82 | 0.05 | 0.05 | 463 | | 13.1 | | 0.0005 | 0.155 | 0.312 | 0.233 | | 181 | 208 | 0.155 | 0.155 | 4710 | 0.0031 | 0.0031 |
| | Mean | 0.453 | 0.316 | 45.2 | 9.82 | 0.05 | 0.05 | 463 | NA | 13.1 | NA | 0.0005 | 0.155 | 0.312 | 0.233 | NA | 181 | 208 | 0.155 | 0.155 | 4710 | 0.0031 | 0.0031 |
| | Median | 0.453 | 0.316 | 45.2 | 9.82 | 0.05 | 0.05 | 463 | NA | 13.1 | NA | 0.0005 | 0.155 | 0.312 | 0.233 | NA | 181 | 208 | 0.155 | 0.155 | 4710 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 0.453 | 0.316 | 45.2 | 9.82 | 0.05 | 0.05 | 463 | 0 | 13.1 | 0 | 0.0005 | 0.155 | 0.312 | 0.233 | 0 | 181 | 208 | 0.155 | 0.155 | 4710 | 0.0031 | 0.0031 |
| | Maximum | 0.453 | 0.316 | 45.2 | 9.82 | 0.05 | 0.05 | 463 | 0 | 13.1 | 0 | 0.0005 | 0.155 | 0.312 | 0.233 | 0 | 181 | 208 | 0.155 | 0.155 | 4710 | 0.0031 | 0.0031 |
| | Lowest fifth percentile | 0.45 | 0.32 | 45.2 | 9.8 | 0.050 | 0.050 | 463 | NA | 13.10 | NA | 0.000500 | 0.155 | 0.312 | 0.233 | NA | 181 | 208 | 0.16 | 0.16 | 4710 | 0.0031 | 0.0031 |
| | % of values undetected | | | | | 100% | 100% | | | | | 100% | 100% | | | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | 1 | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP0905 | | | | | | | | | | | |
| | 07/19/05 | 2280 | 2180 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.99 | 2.35 | 6.36 | |
| | 10/06/05 | 2140 | 1880 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.88 | 1.67 | 2.11 | 0.945 |
| | 06/29/06 | 2140 | 2150 | 0.0146 | 0.0025 | 0.0458 | 0.0316 | 2.19 | 2.06 | 1.18 | 1.52 |
| | 08/28/06 | 1970 | 2030 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.93 | 2.29 | 0.991 | 1.16 |
| | 10/02/06 | 2000 | 2130 | 0.0154 | 0.0050 | 0.050 | 0.050 | 1.69 | 1.51 | 0.50 | 0.50 |
| | 03/27/07 | 2280 | 2200 | 0.0050 | 0.0050 | 0.050 | 0.050 | 2.01 | 2.07 | 1.61 | |
| | 05/25/07 | 2120 | 2120 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.81 | 1.81 | 0.50 | |
| | 08/03/07 | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.2 | 2.2 | 1.9 | 1 | 1 |
| | 09/06/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 1.4 | 2.2 | 1 | 1 |
| | 10/25/07 | 1900 | 2200 | 0.25 | 0.25 | 0.05 | 0.05 | 2 | 1.9 | 1 | 1 |
| | Mean | 2110 | 2140 | 0.04 | 0.04 | 0.046 | 0.06 | 1.91 | 1.98 | 1.6 | 1 |
| | Median | 2130 | 2170 | 0.01 | 0.01 | 0.05 | 0.05 | 1.96 | 1.98 | 1 | 1 |
| | St. Deviation | 130 | 110 | 0.08 | 0.08 | 0.008 | 0.05 | 0.24 | 0.27 | 1.7 | 0.3 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 |
| | Minimum | 1900 | 1880 | 0.0031 | 0.0025 | 0.031 | 0.031 | 1.4 | 1.51 | 0.5 | 0.5 |
| | Maximum | 2280 | 2300 | 0.25 | 0.25 | 0.05 | 0.2 | 2.2 | 2.35 | 6.36 | 1.52 |
| | % of values undetected | | | 80% | 100% | 90% | 80% | | | 50% | 57% |
| | # of values between MDL and PQL | 1 | | 1 | | 1 | 2 | | | 1 | 1 |
| SP100 | | | | | | | | | | | |
| | 08/07/07 | 2600 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 3 |
| | 09/05/07 | 2600 | 2600 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 1 |
| | 10/27/07 | 2800 | 2900 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | Mean | 2700 | 2700 | 0.12 | 0.18 | 0.05 | 0.05 | 0.23 | 0.37 | 2.3 | 3 |
| | Median | 2600 | 2700 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 3 |
| | St. Deviation | 100 | 200 | 0.12 | 0.12 | 0 | 0 | 0.23 | 0.23 | 2.3 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2600 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2800 | 2900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | | | 1 |
| SP1004 | | | | | | | | | | | |
| | 09/17/04 | 1850 | | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | Mean | 1850 | NA | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | Median | 1850 | NA | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 1850 | 0 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | Maximum | 1850 | 0 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | Lowest fifth percentile | 1850 | NA | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.269 | 0.125 | 0.75 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP1005 | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 37.2 | 85 | 66.3 | 5.15 | 2.88 | 0.471 | | | 0.15 | | 0.784 | 0.05 | 4.18 | 0.00125 | 0.00125 | 0.15 | 0.0155 |
| | 10/05/05 | 34 | 85 | 51 | 1.22 | 3.5 | 0.539 | | | 0.0071 | | 0.786 | 0.05 | 4.64 | 0.00125 | 0.00125 | 0.23 | 0.0155 |
| | 06/29/06 | 34.9 | 75.0 | 53.8 | 5.82 | 2.60 | 0.348 | 0.0155 | 0.328 | 0.0150 | 0.0155 | 0.783 | 0.0440 | 4.38 | 0.00105 | 0.00075 | 0.155 | 0.0155 |
| | 08/28/06 | 39.7 | 75.0 | 52.5 | 0.075 | 1.57 | 0.508 | 0.0155 | 0.484 | 0.0060 | 0.0400 | 0.793 | 0.0380 | 4.87 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/05/06 | 35.4 | 80.0 | 56.3 | 5.77 | 1.57 | 0.372 | 0.0155 | 0.347 | 0.0130 | 0.0800 | 0.795 | 0.0640 | 4.59 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 03/25/07 | 37.3 | 80.0 | 51.3 | 0.1545 | 1.57 | 0.371 | 0.0155 | 0.342 | 0.00155 | 0.0500 | 0.823 | 0.0460 | 4.69 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 05/25/07 | 34.1 | 80.0 | 55.0 | 0.341 | 1.57 | 0.438 | | | 0.0253 | | 0.826 | 0.0530 | 4.52 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 08/03/07 | 38 | 89 | 40 | 8 | 1 | 0.45 | | | 0.01 | | 1.0 | 0.05 | 4.8 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/07/07 | 39 | 90 | 30 | 2.5 | 1 | 0.42 | | | 0.005 | | 1.0 | 0.05 | 5.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 40 | 88 | 50 | 2.5 | 1 | 0.42 | | | 0.005 | | 0.9 | 0.05 | 4.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 37 | 83 | 50.6 | 3.15 | 1.83 | 0.434 | 0.0155 | 0.375 | 0.02 | 0.046 | 0.85 | 0.05 | 4.63 | 0.0014 | 0.003 | 0.131 | 0.0218 |
| | Median | 37.3 | 83 | 51.9 | 2.5 | 1.57 | 0.429 | 0.0155 | 0.345 | 0.01 | 0.045 | 0.81 | 0.05 | 4.62 | 0.0012 | 0.001 | 0.155 | 0.0155 |
| | St. Deviation | 2.3 | 5 | 9.7 | 2.84 | 0.87 | 0.061 | 0 | 0.073 | 0.04 | 0.027 | 0.09 | 0.007 | 0.4 | 0.0008 | 0.004 | 0.06 | 0.0109 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | 10 | 4 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 34 | 75 | 30 | 0.075 | 1 | 0.348 | 0.0155 | 0.328 | 0.00155 | 0.0155 | 0.783 | 0.038 | 4.1 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 40 | 90 | 66.3 | 8 | 3.5 | 0.539 | 0.0155 | 0.484 | 0.15 | 0.08 | 1 | 0.064 | 5.5 | 0.0025 | 0.015 | 0.23 | 0.05 |
| | % of values undetected | | | | 50% | 70% | | 100% | | 30% | 25% | | 50% | | 100% | 100% | 80% | 100% |
| | # of values between MDL and PQL | | | | 1 | 3 | | | | 3 | 3 | 3 | 5 | | | | 2 | |
| SP101 | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 7 | 18 | 20 | 2.5 | 1 | 0.12 | | | 0.01 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 3.5 | 19 | 20 | 2.5 | 1 | 0.12 | | | 0.005 | | 1.0 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/27/07 | 3.5 | 21 | 30 | 2.5 | 1 | 0.16 | | | 0.005 | | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 4.7 | 19 | 23 | 2.5 | 1 | 0.13 | NA | NA | 0.007 | NA | 0.9 | 0.05 | 0.58 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 3.5 | 19 | 20 | 2.5 | 1 | 0.12 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 2 | 6 | 0 | 0 | 0.02 | NA | NA | 0.003 | NA | 0.1 | 0 | 0.29 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3.5 | 18 | 20 | 2.5 | 1 | 0.12 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 7 | 21 | 30 | 2.5 | 1 | 0.16 | NA | NA | 0.01 | NA | 1 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | 67% | | | 100% | 100% | | | | 67% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 3 | | 2 | | | | |
| SP102 | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 11 | 32 | 30 | 10 | 1 | 0.24 | | | 0.02 | | 1.1 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 12 | 30 | 40 | 2.5 | 1 | 0.28 | | | 0.02 | | 1.1 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 11 | 30 | 50 | 2.5 | 1 | 0.15 | | | 0.02 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 11 | 31 | 40 | 5 | 1 | 0.22 | NA | NA | 0.02 | NA | 1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 11 | 30 | 40 | 2.5 | 1 | 0.24 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 10 | 4 | 0 | 0.07 | NA | NA | 0 | NA | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 11 | 30 | 30 | 2.5 | 1 | 0.15 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 12 | 32 | 50 | 10 | 1 | 0.28 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 3 | | 3 | | 3 | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP1005 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 205 | 3.67 | 0.066 | 0.0632 | 1.29 | 1.11 | 5.58 | 3.74 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 11200 | 11500 | 0.757 | 0.74 | 0.0856 | 0.0154 |
| | 10/05/05 | 18.2 | 1.16 | 0.059 | 0.049 | 1.37 | 0.892 | 3.7 | 3.05 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 10400 | 9220 | 0.707 | 0.321 | 0.0306 | 0.0322 |
| | 06/29/06 | 45.5 | 3.83 | 0.0914 | 0.0862 | 0.953 | 1.07 | 3.83 | 4.06 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 2.16 | 1.82 | 0.0125 | 0.0125 | 10600 | 11000 | 0.862 | | 0.0468 | 0.0350 |
| | 08/28/06 | 2.06 | 1.52 | 0.0075 | 0.0075 | 1.27 | 1.33 | 3.66 | 3.76 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 12300 | 12400 | 0.859 | 0.981 | 0.0246 | 0.0298 |
| | 10/05/06 | 9.66 | 1.00 | 0.0450 | 0.0572 | 0.940 | 1.03 | 3.53 | 4.27 | 0.0125 | 0.0125 | 0.0075 | 0.0184 | 1.25 | 1.25 | 0.0185 | 0.0185 | 10600 | 12900 | 0.153 | | 0.0214 | 0.0230 |
| | 03/25/07 | 56.8 | 1.00 | 0.0950 | 0.0894 | 1.28 | 1.14 | 4.56 | 3.82 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 11400 | 10300 | 0.655 | 0.432 | 0.0400 | |
| | 05/25/07 | 12.4 | 1.00 | 0.0832 | 0.0974 | 1.09 | 1.10 | 3.72 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.92 | 0.0075 | 0.0075 | 10300 | 10800 | 0.300 | 0.349 | 0.0198 | 0.0202 |
| | 08/03/07 | 14 | 11 | 0.2 | 0.2 | 1.2 | 1.5 | 4.4 | 4.8 | 0.05 | 0.05 | 60 | 20 | 1.8 | | 0.05 | 0.05 | 11800 | 11600 | 0.7 | 0.05 | 0.025 | 0.025 |
| | 09/07/07 | 13 | 6 | 0.2 | 0.2 | 0.6 | 1.4 | 3.6 | 3.5 | 0.05 | 0.05 | 20 | 20 | 2.4 | 2 | 0.05 | 0.05 | 11900 | 11800 | 0.7 | 0.25 | 0.07 | 0.025 |
| | 10/25/07 | 6 | 6 | 0.2 | 0.2 | 1.2 | 1 | 5 | 5.6 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2 | 0.05 | 0.05 | 11900 | 12300 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 38 | 4 | 0.1 | 0.105 | 1.12 | 1.16 | 4.16 | 4.07 | 0.023 | 0.023 | 10 | 6 | 2 | 2.12 | 0.023 | 0.023 | 11200 | 11400 | 0.629 | 0.42 | 0.0389 | 0.026 |
| | Median | 14 | 3 | 0.09 | 0.088 | 1.2 | 1.11 | 3.78 | 3.82 | 0.013 | 0.013 | 0 | 0 | 1.68 | 1.82 | 0.0155 | 0.0155 | 11300 | 11600 | 0.7 | 0.34 | 0.0278 | 0.025 |
| | St. Deviation | 61 | 3 | 0.07 | 0.07 | 0.23 | 0.19 | 0.7 | 0.75 | 0.019 | 0.019 | 19 | 10 | 1.14 | 1.21 | 0.0191 | 0.0191 | 700 | 1100 | 0.23 | 0.3 | 0.0225 | 0.006 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 10 | 10 | 10 | 10 | 8 | 10 | 9 |
| | Minimum | 2.06 | 1 | 0.0075 | 0.0075 | 0.6 | 0.892 | 3.53 | 3.05 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 9220 | 0.153 | 0.05 | 0.0198 | 0.0154 |
| | Maximum | 205 | 11 | 0.2 | 0.2 | 1.37 | 1.5 | 5.58 | 5.6 | 0.05 | 0.05 | 60 | 20 | 5 | 5 | 0.05 | 0.05 | 12300 | 12900 | 0.862 | 0.981 | 0.0856 | 0.035 |
| | % of values undetected | | 30% | 40% | 40% | | | | | 100% | 100% | 90% | 90% | 60% | 56% | 100% | 100% | | | | 38% | 20% | 33% |
| | # of values between MDL and PQL | | 2 | 1 | | 1 | | | | | | 1 | 1 | 1 | 2 | | | | | 1 | | 2 | |
| SP101 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 9 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | | 0.05 | 0.05 | 20 | 40 | 0.6 | 1.5 | 0.05 | 0.05 | 1600 | 2100 | 0.4 | 0.5 | 0.025 | 0.025 |
| | 09/04/07 | 7 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 2 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 1800 | 2200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 8 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 2.9 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 1800 | 1800 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 8 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 2 | 1.9 | 0.05 | 0.05 | 20 | 27 | 0.9 | 1.2 | 0.05 | 0.05 | 1700 | 2000 | 0.45 | 0.33 | 0.025 | 0.025 |
| | Median | 8 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.9 | 0.05 | 0.05 | 20 | 20 | 0.6 | 1.5 | 0.05 | 0.05 | 1800 | 2100 | 0.4 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 1 | 2 | 0 | 0 | 0 | 0 | 0.8 | 0.1 | 0 | 0 | 0 | 12 | 0.6 | 0.6 | 0 | 0 | 100 | 200 | 0.23 | 0.14 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 1.8 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 1600 | 1800 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Maximum | 9 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 2.9 | 2 | 0.05 | 0.05 | 20 | 40 | 1.6 | 1.5 | 0.05 | 0.05 | 1800 | 2200 | 0.7 | 0.5 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 67% | 33% | 33% | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | 1 | | | | | | 1 | | | |
| SP102 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 11 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.9 | 0.05 | 0.05 | 3100 | 3400 | 0.9 | 0.6 | 0.025 | 0.025 |
| | 09/05/07 | 13 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 1 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.5 | 0.05 | 0.05 | 3000 | 3500 | 0.05 | 0.6 | 0.025 | 0.025 |
| | 10/28/07 | 5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 1.9 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.5 | 0.05 | 0.05 | 2800 | 3400 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 3.3 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 1.5 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.6 | 0.05 | 0.05 | 3000 | 3400 | 0.55 | 0.48 | 0.025 | 0.025 |
| | Median | 11 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1.45 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.5 | 0.05 | 0.05 | 3000 | 3400 | 0.7 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 4 | 1.4 | 0 | 0 | 0 | 0 | 0.7 | 0.6 | 0 | 0 | 0 | 0 | 0.4 | 0.2 | 0 | 0 | 200 | 100 | 0.44 | 0.2 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 1 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 2800 | 3400 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 13 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 1.9 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.9 | 0.05 | 0.05 | 3100 | 3500 | 0.9 | 0.6 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP1005 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.256 | 0.242 | 157 | 10 | 0.149 | 0.191 | 2220 | 2210 | 3.3 | 0.1 | 0.000450 | 0.743 | 0.779 | 0.471 | 0.567 | 513 | 502 | 0.0775 | 0.0775 | 5730 | 0.0031 | 0.0031 |
| | 10/05/05 | 0.169 | | 20.7 | 3.1 | 0.0944 | | 1980 | 1740 | 0.5 | 0.1 | 0.000450 | 0.564 | 0.624 | 0.353 | | 436 | 385 | 0.0775 | 0.0775 | 6560 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.163 | 0.193 | 44.8 | 9.21 | 0.235 | | 2070 | 2150 | 2.00 | 0.872 | 0.000475 | 0.732 | 0.727 | 0.572 | | 471 | 501 | 0.155 | 0.155 | 6220 | 0.0031 | 0.0031 |
| | 08/28/06 | 0.110 | | 6.91 | 7.81 | 0.0155 | | 2190 | 2200 | 0.0808 | 0.132 | 0.000475 | 0.730 | 0.740 | 0.485 | | 532 | 536 | 0.155 | 0.155 | 5890 | 0.0031 | 0.0031 |
| | 10/05/06 | 0.120 | 0.179 | 38.5 | 42.0 | 0.0155 | 0.0155 | 2170 | 2140 | 0.496 | 0.0920 | 0.000475 | 0.737 | 0.859 | 0.263 | 0.363 | 469 | 493 | 0.155 | 0.155 | 5510 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.207 | | 44.9 | 3.10 | 0.106 | 0.0155 | 2120 | 2210 | 4.78 | | 0.000169 | 0.823 | 0.838 | 0.431 | | 482 | 455 | 0.155 | 0.155 | 6030 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.101 | | 35.8 | 31.0 | 0.050 | 0.050 | 2050 | 2280 | 0.275 | | 0.000427 | 0.810 | 0.815 | 0.246 | 0.343 | 434 | 502 | 0.155 | 0.155 | 5840 | 0.0031 | 0.0031 |
| | 08/03/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 2100 | 2200 | 1.9 | 0.25 | 0.000169 | 0.7 | 0.9 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2200 | 2200 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 1.5 | 0.3 | 400 | 300 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 2100 | 2300 | 0.8 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 600 | 400 | 0.05 | 0.05 | 6400 | 0.025 | 0.025 |
| | Mean | 0.188 | 0.23 | 39 | 14 | 0.082 | 0.089 | 2120 | 2160 | 1.4 | 0.3 | 0.00058 | 0.88 | 0.93 | 0.49 | 0.36 | 530 | 510 | 0.108 | 0.108 | 5940 | 0.01 | 0.01 |
| | Median | 0.188 | 0.25 | 30 | 10 | 0.05 | 0.05 | 2110 | 2200 | 0.7 | 0.2 | 0.00045 | 0.74 | 0.83 | 0.39 | 0.32 | 480 | 500 | 0.116 | 0.116 | 5870 | 0.003 | 0.003 |
| | St. Deviation | 0.063 | 0.03 | 44 | 13 | 0.068 | 0.093 | 80 | 160 | 1.6 | 0.3 | 0.00069 | 0.33 | 0.31 | 0.37 | 0.1 | 170 | 190 | 0.051 | 0.051 | 370 | 0.011 | 0.011 |
| | # of values | 10 | 6 | 10 | 10 | 10 | 7 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 10 | 6 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 0.101 | 0.179 | 6.91 | 3.1 | 0.0155 | 0.0155 | 1980 | 1740 | 0.0808 | 0.092 | 0.000169 | 0.564 | 0.624 | 0.246 | 0.3 | 400 | 300 | 0.05 | 0.05 | 5400 | 0.0031 | 0.0031 |
| | Maximum | 0.256 | 0.25 | 157 | 42 | 0.235 | 0.25 | 2220 | 2300 | 4.78 | 0.872 | 0.0025 | 1.5 | 1.5 | 1.5 | 0.567 | 1000 | 1000 | 0.155 | 0.155 | 6560 | 0.025 | 0.025 |
| | % of values undetected | 30% | 50% | 30% | 60% | 60% | 86% | | | 10% | 63% | 90% | 20% | 20% | 30% | 50% | 10% | 10% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 2 | 1 | | | | 2 | | 1 | 1 | 1 | | | 2 | 2 | | | | | |
| SP101 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.9 | 0.25 | 10 | 20 | 0.05 | 0.05 | 200 | 400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 300 | 300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.25 | 100 | 200 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.7 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | Mean | 0.47 | 0.43 | 10 | 13 | 0.05 | 0.12 | 200 | 300 | 0.25 | 0.25 | 0.0017 | 0.25 | 0.25 | 0.43 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 200 | 300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | St. Deviation | 0.38 | 0.32 | 0 | 6 | 0 | 0.12 | 100 | 100 | 0 | 0 | 0.0013 | 0 | 0 | 0.23 | 0 | 0 | 0 | 0 | 0 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | Maximum | 0.9 | 0.8 | 10 | 20 | 0.05 | 0.25 | 300 | 400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.7 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | % of values undetected | 67% | 67% | 100% | 67% | 100% | 100% | 33% | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | 1 | | | 2 | 3 | | | | | | 1 | | | | | | | | |
| SP102 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.6 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 500 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 6100 | 0.05 | 0.025 |
| | Mean | 0.37 | 0.25 | 10 | 10 | 0.05 | 0.12 | 630 | 730 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 230 | 0.05 | 0.05 | 6200 | 0.033 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6100 | 0.025 | 0.025 |
| | St. Deviation | 0.2 | 0 | 0 | 0 | 0 | 0.12 | 120 | 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 500 | 140 | 0 | 0 | 300 | 0.014 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | Maximum | 0.6 | 0.25 | 10 | 10 | 0.05 | 0.25 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 6500 | 0.05 | 0.025 |
| | % of values undetected | 67% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | | 100% | 100% | |
| | # of values between MDL and PQL | 1 | | | | | | 3 | 3 | | | | | | | | | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP1005 | | | | | | | | | | | |
| | 07/20/05 | 2970 | 2990 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.744 | 0.618 | 10.2 | 3.18 |
| | 10/05/05 | 2580 | 2320 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.781 | 0.1 | 3.02 | 1.1 |
| | 06/29/06 | 2730 | 2850 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.490 | 0.362 | 0.818 | 1.20 |
| | 08/28/06 | 2850 | 2910 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.865 | 1.53 |
| | 10/05/06 | 2860 | 2830 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 14.3 | 2.02 |
| | 03/25/07 | 2790 | 2900 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.422 | 0.155 | 1.17 | |
| | 05/25/07 | 2660 | 2980 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/03/07 | 2700 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | 09/07/07 | 2900 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.4 | 1 | 1 |
| | 10/25/07 | 2800 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | | | | | | | | | | | |
| | Mean | 2780 | 2870 | 0.018 | 0.018 | 0.043 | 0.043 | 0.42 | 0.33 | 3.4 | 2 |
| | Median | 2800 | 2900 | 0.005 | 0.005 | 0.05 | 0.05 | 0.46 | 0.31 | 1 | 1.37 |
| | St. Deviation | 120 | 210 | 0.022 | 0.022 | 0.012 | 0.012 | 0.23 | 0.17 | 4.8 | 1.42 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 8 |
| | Minimum | 2580 | 2320 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 2970 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.781 | 0.618 | 14.3 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 50% | 60% | 40% | 38% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | 1 | 1 |
| SP101 | | | | | | | | | | | |
| | 08/07/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/04/07 | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.3 | 1 | 5 |
| | 10/27/07 | 1700 | 1600 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | | | | | | | | | | | |
| | Mean | 1500 | 1600 | 0.12 | 0.12 | 0.05 | 0.05 | 0.37 | 0.17 | 1 | 2.3 |
| | Median | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0.12 | 0.12 | 0 | 0 | 0.23 | 0.12 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1700 | 1600 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | 1 | | |
| SP102 | | | | | | | | | | | |
| | 08/07/07 | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | 09/05/07 | 2000 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.2 | 5 | 1 |
| | 10/28/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | | | | | | | | | | | |
| | Mean | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.27 | 0.27 | 2.3 | 1 |
| | Median | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.2 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0 | 0 | 0 | 0 | 0.21 | 0.21 | 2.3 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 5 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP103 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 11 | 32 | 10 | 2.5 | 1 | 0.10 | | | 0.02 | | 1.1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 13 | 31 | 30 | 2.5 | 1 | 0.10 | | | 0.005 | | 1.1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 10 | 32 | 30 | 2.5 | 1 | 0.11 | | | 0.02 | | 1.0 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 11 | 32 | 23 | 2.5 | 1 | 0.1 | NA | NA | 0.015 | NA | 1.1 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 11 | 32 | 30 | 2.5 | 1 | 0.1 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 1 | 12 | 0 | 0 | 0.01 | NA | NA | 0.009 | NA | 0.1 | 0 | 0.17 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 10 | 31 | 10 | 2.5 | 1 | 0.1 | NA | NA | 0.005 | NA | 1 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 13 | 32 | 30 | 2.5 | 1 | 0.11 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | | | | | | 2 | | 3 | | 3 | | | | |
| SP104 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 3 | 10 | 5 | 2.5 | 5 | 0.03 | | | 0.005 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 3.5 | 11 | 10 | 2.5 | 1 | 0.06 | | | 0.005 | | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 3.5 | 12 | 10 | 6 | 5 | 0.01 | | | 0.005 | | 0.7 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 3.3 | 11 | 8 | 3.7 | 3.7 | 0.033 | NA | NA | 0.005 | NA | 0.77 | 0.05 | 0.55 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 3.5 | 11 | 10 | 2.5 | 5 | 0.03 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 0.3 | 1 | 3 | 2 | 2.3 | 0.025 | NA | NA | 0 | NA | 0.06 | 0 | 0.28 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3 | 10 | 5 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.7 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 3.5 | 12 | 10 | 6 | 5 | 0.06 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | 67% | | 100% | 67% | 100% | 33% | | | 100% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 1 | | | 1 | | 2 | | | | | 3 | | 2 | | | | |
| SP105 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 20 | 53 | 30 | 2.5 | 1 | 1.22 | | | 0.03 | | 0.9 | 0.05 | 4.6 | 0.0025 | 0.008 | 0.05 | 0.025 |
| | 09/05/07 | 19 | 55 | 40 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.9 | 0.05 | 4.9 | 0.0025 | 0.0025 | 0.05 | 0.33 |
| | 10/21/07 | 21 | 51 | 40 | 2.5 | 1 | 0.04 | | | 0.03 | | 0.9 | 0.05 | 4.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 20 | 53 | 37 | 2.5 | 1 | 0.4 | NA | NA | 0.022 | NA | 0.9 | 0.05 | 4.6 | 0.0025 | 0.0043 | 0.05 | 0.13 |
| | Median | 20 | 53 | 40 | 2.5 | 1 | 0.05 | NA | NA | 0.03 | NA | 0.9 | 0.05 | 4.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 6 | 0 | 0 | 0.7 | NA | NA | 0.014 | NA | 0 | 0 | 0.4 | 0 | 0.0032 | 0 | 0.18 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 19 | 51 | 30 | 2.5 | 1 | 0.04 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 4.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 21 | 55 | 40 | 2.5 | 1 | 1.22 | NA | NA | 0.03 | NA | 0.9 | 0.05 | 4.9 | 0.0025 | 0.008 | 0.05 | 0.33 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 67% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 2 | | | 2 | | 3 | | | | 1 | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP103 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 6 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.6 | 0.05 | 0.05 | 3000 | 3300 | 0.3 | 0.5 | 0.025 | 0.025 |
| | 09/05/07 | 8 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 1.4 | 1.9 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.4 | 0.05 | 0.05 | 3000 | 3600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/28/07 | 15 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 2.1 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1 | 0.05 | 0.05 | 3000 | 3000 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 4.8 | 0.2 | 0.2 | 0.33 | 0.25 | 1.9 | 2 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.3 | 0.05 | 0.05 | 3000 | 3300 | 0.32 | 0.33 | 0.025 | 0.025 |
| | Median | 8 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | 2 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.4 | 0.05 | 0.05 | 3000 | 3300 | 0.3 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 5 | 2.3 | 0 | 0 | 0.14 | 0 | 0.8 | 0.1 | 0 | 0 | 0 | 0 | 0.5 | 0.3 | 0 | 0 | 0 | 300 | 0.28 | 0.14 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 1.9 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1 | 0.05 | 0.05 | 3000 | 3000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 15 | 7 | 0.2 | 0.2 | 0.5 | 0.25 | 2.8 | 2.1 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.6 | 0.05 | 0.05 | 3000 | 3600 | 0.6 | 0.5 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | | 33% | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | 1 | | | |
| SP104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 10 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3.2 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.2 | 0.05 | 0.05 | 500 | 500 | 0.05 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 13 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 3.3 | 3.2 | 0.05 | 0.05 | 20 | 20 | 1.1 | 0.5 | 0.05 | 0.05 | 500 | 1100 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/28/07 | 8 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.3 | 0.05 | 0.05 | 500 | 1500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1 | 0.05 | 0.05 | 500 | 1000 | 0.05 | 0.3 | 0.025 | 0.025 |
| | Median | 10 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 3.3 | 3.2 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.2 | 0.05 | 0.05 | 500 | 1100 | 0.05 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 3 | 2 | 0 | 0 | 0 | 0 | 0.7 | 0.3 | 0 | 0 | 0 | 0 | 0.9 | 0.4 | 0 | 0 | 0 | 500 | 0 | 0.09 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 8 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3.2 | 0.05 | 0.05 | 20 | 20 | 0.7 | 0.5 | 0.05 | 0.05 | 500 | 500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 13 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.3 | 0.05 | 0.05 | 500 | 1500 | 0.05 | 0.4 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | 100% | 33% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | | | | | | | 1 | | |
| SP105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 20 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | | 0.05 | 0.05 | 20 | 20 | 1 | 1.6 | 0.05 | 0.05 | 5600 | 5800 | 0.2 | 0.8 | | 0.025 |
| | 09/05/07 | 10 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 2.5 | 3 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.4 | 0.05 | 0.05 | 5600 | 5400 | 0.05 | 0.25 | 0.025 | 0.06 |
| | 10/21/07 | 25 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 3.7 | 4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.6 | 0.05 | 0.05 | 5300 | 5900 | 0.6 | 0.6 | 0.025 | 0.025 |
| | Mean | 18 | 4.3 | 0.2 | 0.2 | 0.42 | 0.25 | 2.9 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 5500 | 5700 | 0.28 | 0.55 | 0.025 | 0.037 |
| | Median | 20 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 2.5 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 5600 | 5800 | 0.2 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 8 | 3.2 | 0 | 0 | 0.14 | 0 | 0.7 | 0.7 | 0 | 0 | 0 | 0 | 0.3 | 0.1 | 0 | 0 | 200 | 300 | 0.28 | 0.28 | 0 | 0.02 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| | Minimum | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | 3 | 0.05 | 0.05 | 20 | 20 | 1 | 1.4 | 0.05 | 0.05 | 5300 | 5400 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 25 | 8 | 0.2 | 0.2 | 0.5 | 0.25 | 3.7 | 4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.6 | 0.05 | 0.05 | 5600 | 5900 | 0.6 | 0.8 | 0.025 | 0.06 |
| | % of values undetected | | 67% | 100% | 100% | 33% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 33% | 150% | 67% |
| | # of values between MDL and PQL | | | | | 2 | | | | | | | | | | | | | | 1 | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP103 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 700 | 0.6 | 0.6 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 150 | 0.05 | 0.05 | 6000 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 25 | 30 | 0.05 | 0.05 | 700 | 900 | 0.7 | 0.6 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 400 | 0.05 | 0.05 | 6600 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.25 | 600 | 700 | 0.7 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 600 | 0.05 | 0.05 | 6300 | 0.15 | 0.05 |
| | Mean | 0.25 | 0.33 | 15 | 17 | 0.05 | 0.12 | 670 | 770 | 0.67 | 0.48 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.43 | 600 | 380 | 0.05 | 0.05 | 6300 | 0.07 | 0.033 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 700 | 0.7 | 0.6 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 400 | 0.05 | 0.05 | 6300 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.14 | 9 | 12 | 0 | 0.12 | 60 | 120 | 0.06 | 0.2 | 0.00135 | 0 | 0 | 0 | 0.23 | 300 | 230 | 0 | 0 | 300 | 0.07 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.6 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 6000 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.5 | 25 | 30 | 0.05 | 0.25 | 700 | 900 | 0.7 | 0.6 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 600 | 0.05 | 0.05 | 6600 | 0.15 | 0.05 |
| | % of values undetected | 100% | 67% | 100% | 67% | 100% | 100% | | | | 33% | 100% | 100% | 100% | 100% | 67% | 33% | 100% | 100% | | 100% | 100% | |
| | # of values between MDL and PQL | | 1 | | 1 | | | 3 | 3 | 3 | 2 | | | | | 1 | 2 | 2 | | | | | |
| SP104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2100 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000342 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2200 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.05 | 100 | 200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.5 | 0.05 | 2400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.43 | 10 | 10 | 0.05 | 0.05 | 100 | 130 | 0.25 | 0.25 | 0.000227 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.2 | 0.05 | 2200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2200 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.32 | 0 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0.0001 | 0 | 0 | 0 | 0 | 0 | 0 | 0.26 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2100 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.05 | 100 | 200 | 0.25 | 0.25 | 0.000342 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.5 | 0.05 | 2400 | 0.025 | 0.025 |
| | % of values undetected | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | 1 | | | 1 | | | | | | | | | | | | |
| SP105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.2 | 0.2 | 6900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1300 | 0.25 | 0.25 | 0.000776 | 0.25 | 0.25 | 0.3 | 1.5 | 300 | 400 | 0.05 | 0.2 | 7900 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 30 | 10 | 0.25 | 0.05 | 1200 | 1400 | 0.7 | 0.25 | 0.000453 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.25 | 0.25 | 7400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 17 | 10 | 0.12 | 0.05 | 1300 | 1400 | 0.4 | 0.25 | 0.000466 | 0.25 | 0.25 | 0.3 | 0.7 | 500 | 600 | 0.17 | 0.22 | 7400 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1400 | 0.25 | 0.25 | 0.000453 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.2 | 0.2 | 7400 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 12 | 0 | 0.12 | 0 | 100 | 100 | 0.26 | 0 | 0.000304 | 0 | 0 | 0 | 0.7 | 500 | 300 | 0.1 | 0.03 | 500 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.2 | 6900 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 30 | 10 | 0.25 | 0.05 | 1400 | 1400 | 0.7 | 0.25 | 0.000776 | 0.25 | 0.25 | 0.3 | 1.5 | 1000 | 1000 | 0.25 | 0.25 | 7900 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 67% | 100% | 100% | 100% | | | 67% | 100% | 33% | 100% | 100% | 100% | 67% | 33% | 67% | 33% | | 100% | 100% | |
| | # of values between MDL and PQL | | | 1 | | | | | 1 | | 2 | | | | | 1 | 2 | 1 | 2 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP103 | | | | | | | | | | | |
| | 08/08/07 | 2200 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 2 |
| | 09/05/07 | 2100 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 5 |
| | 10/28/07 | 2300 | 2300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | Mean | 2200 | 2200 | 0.12 | 0.12 | 0.05 | 0.05 | 0.37 | 0.3 | 1 | 4 |
| | Median | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 5 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0 | 0.23 | 0.2 | 0 | 1.7 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2 |
| | Maximum | 2300 | 2300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | 1 | | 1 |
| SP104 | | | | | | | | | | | |
| | 08/08/07 | 800 | 1000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/05/07 | 900 | 900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/28/07 | 800 | 1000 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 830 | 1000 | 0.05 | 0.12 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2.3 |
| | Median | 800 | 1000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 60 | 100 | 0 | 0.12 | 0 | 0 | 0 | 0 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 800 | 900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 900 | 1000 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | | | |
| SP105 | | | | | | | | | | | |
| | 08/08/07 | 2800 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 2 |
| | 09/05/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | 10/21/07 | 2600 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 2700 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.37 | 1 | 4 |
| | Median | 2800 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | St. Deviation | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0.23 | 0 | 1.7 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2600 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2 |
| | Maximum | 2800 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | 1 | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP106 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 18 | 45 | 5 | 2.5 | 1 | 0.07 | | | 0.02 | | 0.8 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 20 | 46 | 40 | 2.5 | 1 | 0.09 | | | 0.005 | | 0.8 | 0.05 | 2.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/21/07 | 21 | 48 | 20 | 2.5 | 1 | 0.06 | | | 0.02 | | 0.9 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 20 | 46 | 22 | 2.5 | 1 | 0.073 | NA | NA | 0.015 | NA | 0.83 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 20 | 46 | 20 | 2.5 | 1 | 0.07 | NA | NA | 0.02 | NA | 0.8 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 2 | 18 | 0 | 0 | 0.015 | NA | NA | 0.009 | NA | 0.06 | 0 | 0.2 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 18 | 45 | 5 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 21 | 48 | 40 | 2.5 | 1 | 0.09 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 2.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | 33% | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 3 | | | 2 | | 3 | | 3 | | | | |
| SP107 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 14 | 37 | 10 | 2.5 | 1 | 0.04 | | | 0.03 | | 0.8 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 15 | 38 | 40 | 2.5 | 1 | 0.03 | | | 0.02 | | 0.8 | 0.05 | 2.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/21/07 | 15 | 36 | 30 | 6 | 1 | 0.01 | | | 0.005 | | 1.0 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 15 | 37 | 27 | 3.7 | 1 | 0.027 | NA | NA | 0.018 | NA | 0.9 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 15 | 37 | 30 | 2.5 | 1 | 0.03 | NA | NA | 0.02 | NA | 0.8 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 15 | 2 | 0 | 0.015 | NA | NA | 0.013 | NA | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 14 | 36 | 10 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 15 | 38 | 40 | 6 | 1 | 0.04 | NA | NA | 0.03 | NA | 1 | 0.05 | 2.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | 33% | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 1 | | 2 | | | 2 | | 3 | | 3 | | | | |
| SP108 | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 44 | 95 | 40 | 2.5 | 1 | 0.35 | | | 0.005 | | 1.0 | 0.05 | 2.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 43 | 89 | 50 | 2.5 | 1 | 0.31 | | | 0.005 | | 1.0 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 37 | 81 | 70 | 2.5 | 1 | 0.39 | | | 0.005 | | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 41 | 88 | 53 | 2.5 | 1 | 0.35 | NA | NA | 0.005 | NA | 1 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 43 | 89 | 50 | 2.5 | 1 | 0.35 | NA | NA | 0.005 | NA | 1 | 0.05 | 2.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 4 | 7 | 15 | 0 | 0 | 0.04 | NA | NA | 0 | NA | 0.1 | 0 | 0.7 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 37 | 81 | 40 | 2.5 | 1 | 0.31 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 44 | 95 | 70 | 2.5 | 1 | 0.39 | NA | NA | 0.005 | NA | 1 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP106 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 5 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.6 | 0.05 | 0.05 | 5600 | 5700 | 0.3 | 0.7 | 0.025 | 0.025 |
| | 09/05/07 | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.7 | 0.05 | 0.05 | 20 | 20 | 2.4 | 1.6 | 0.05 | 0.05 | 5600 | 6200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/21/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.7 | 0.25 | 3.3 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.8 | 0.05 | 0.05 | 5800 | 6300 | 0.25 | 0.6 | 0.025 | 0.025 |
| | Mean | 6 | 3.3 | 0.2 | 0.2 | 0.4 | 0.25 | 2.4 | 3.3 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.7 | 0.05 | 0.05 | 5700 | 6100 | 0.2 | 0.52 | 0.025 | 0.025 |
| | Median | 5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 3.25 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.6 | 0.05 | 0.05 | 5600 | 6200 | 0.25 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 4 | 1.4 | 0 | 0 | 0.26 | 0 | 0.8 | 0.8 | 0 | 0 | 0 | 0 | 0.6 | 0.1 | 0 | 0 | 100 | 300 | 0.13 | 0.24 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.7 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.6 | 0.05 | 0.05 | 5600 | 5700 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 10 | 5 | 0.2 | 0.2 | 0.7 | 0.25 | 3.3 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.4 | 1.8 | 0.05 | 0.05 | 5800 | 6300 | 0.3 | 0.7 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | 1 | | | |
| SP107 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 8 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.7 | 0.05 | 0.05 | 4000 | 4200 | 0.3 | 0.7 | 0.025 | 0.025 |
| | 09/05/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.5 | 0.05 | 0.05 | 4000 | 4600 | 0.05 | 0.6 | 0.025 | 0.025 |
| | 10/21/07 | 8 | 7 | 0.2 | 0.2 | 0.8 | 0.25 | 1.6 | | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.9 | 0.05 | 0.05 | 3900 | 4500 | 0.9 | 0.6 | 0.025 | 0.025 |
| | Mean | 6.2 | 7 | 0.2 | 0.2 | 0.43 | 0.25 | 1.6 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 4000 | 4400 | 0.42 | 0.63 | 0.025 | 0.025 |
| | Median | 8 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.7 | 0.05 | 0.05 | 4000 | 4500 | 0.3 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 3.2 | 4 | 0 | 0 | 0.32 | 0 | 0.1 | NA | 0 | 0 | 0 | 0 | 0.3 | 0.2 | 0 | 0 | 100 | 200 | 0.44 | 0.06 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.5 | 0.05 | 0.05 | 3900 | 4200 | 0.05 | 0.6 | 0.025 | 0.025 |
| | Maximum | 8 | 10 | 0.2 | 0.2 | 0.8 | 0.25 | 1.7 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.9 | 0.05 | 0.05 | 4000 | 4600 | 0.9 | 0.7 | 0.025 | 0.025 |
| | % of values undetected | 33% | 33% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | 1 | | | |
| SP108 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 12 | 8 | 0.2 | 0.2 | 1 | 0.25 | 6.9 | 7.8 | 0.05 | 0.05 | 20 | 20 | 1 | 1.8 | 0.05 | 0.05 | 13700 | 13500 | 0.5 | 0.7 | 0.025 | 0.025 |
| | 09/08/07 | 32 | 2.5 | 0.2 | 0.2 | 0.9 | 0.7 | 6.7 | 7.7 | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.1 | 0.05 | 0.05 | 13100 | 13000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 30 | 2.5 | 0.2 | 0.2 | 1 | 0.7 | 7.4 | 7.3 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.8 | 0.05 | 0.05 | 11800 | 11400 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 25 | 4.3 | 0.2 | 0.2 | 1 | 0.55 | 7 | 7.6 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.9 | 0.05 | 0.05 | 12900 | 12600 | 0.42 | 0.4 | 0.025 | 0.025 |
| | Median | 30 | 2.5 | 0.2 | 0.2 | 1 | 0.7 | 6.9 | 7.7 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.8 | 0.05 | 0.05 | 13100 | 13000 | 0.5 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 11 | 3.2 | 0 | 0 | 0.1 | 0.26 | 0.4 | 0.3 | 0 | 0 | 0 | 0 | 0.5 | 0.2 | 0 | 0 | 1000 | 1100 | 0.33 | 0.26 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 2.5 | 0.2 | 0.2 | 0.9 | 0.25 | 6.7 | 7.3 | 0.05 | 0.05 | 20 | 20 | 1 | 1.8 | 0.05 | 0.05 | 11800 | 11400 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 32 | 8 | 0.2 | 0.2 | 1 | 0.7 | 7.4 | 7.8 | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.1 | 0.05 | 0.05 | 13700 | 13500 | 0.7 | 0.7 | 0.025 | 0.025 |
| | % of values undetected | | 67% | 100% | 100% | | 33% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | 2 | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP106 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 20 | 20 | 0.05 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.00045 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 400 | 0.05 | 0.05 | 2400 | 0.025 | 0.025 |
| | 10/21/07 | 3.6 | 0.25 | 10 | 10 | 0.25 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.05 | 5700 | 0.025 | 0.025 |
| | Mean | 1.4 | 0.25 | 13 | 13 | 0.12 | 0.05 | 1000 | 1100 | 0.25 | 0.25 | 0.000263 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 500 | 0.12 | 0.05 | 4300 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 400 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | St. Deviation | 1.9 | 0 | 6 | 6 | 0.12 | 0 | 0 | 100 | 0 | 0 | 0.000162 | 0 | 0 | 0 | 0 | 400 | 400 | 0.12 | 0 | 1700 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2400 | 0.025 | 0.025 |
| | Maximum | 3.6 | 0.25 | 20 | 20 | 0.25 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.00045 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.25 | 0.05 | 5700 | 0.025 | 0.025 |
| | % of values undetected | 67% | 100% | 67% | 67% | 100% | 100% | | | 100% | 100% | 67% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 1 | | | | | | | 1 | | | | | 1 | 1 | | | | | |
| SP107 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.1 | 0.1 | 5600 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 40 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.05 | 0.05 | 6400 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.8 | 400 | 150 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 20 | 0.05 | 0.05 | 770 | 870 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.47 | 600 | 230 | 0.07 | 0.07 | 5800 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 17 | 0 | 0 | 60 | 60 | 0 | 0 | 0.00135 | 0 | 0 | 0 | 0.29 | 400 | 140 | 0.03 | 0.03 | 500 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 40 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.8 | 1000 | 400 | 0.1 | 0.1 | 6400 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 67% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 33% | 67% | 67% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | 3 | 3 | | | | | | 1 | 2 | 1 | 1 | 1 | 1 | | | |
| SP108 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2600 | 2500 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.1 | 0.05 | 4500 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 2500 | 2600 | 5.7 | 3.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 600 | 0.05 | 0.05 | 4700 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.25 | 2100 | 2100 | 0.9 | 0.25 | 0.000733 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 600 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 23 | 10 | 0.05 | 0.12 | 2400 | 2400 | 2.4 | 1.4 | 0.00113 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 450 | 0.07 | 0.05 | 4700 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 2500 | 2500 | 0.9 | 0.25 | 0.000733 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 600 | 0.05 | 0.05 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 12 | 0 | 0 | 0.12 | 300 | 300 | 2.8 | 2 | 0.00122 | 0 | 0 | 0 | 0 | 400 | 260 | 0.03 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2100 | 2100 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.25 | 2600 | 2600 | 5.7 | 3.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 600 | 0.1 | 0.05 | 4800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 33% | 100% | 100% | 100% | | | | | 67% | 67% | 100% | 100% | 100% | 67% | 33% | 67% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | | | | | | 2 | | 1 | | | | 1 | 2 | 1 | 1 | | | | |

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| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP106 | | | | | | | | | | | |
| | 08/08/07 | 2000 | 2000 | 0.2 | 0.2 | 0.05 | 0.05 | 0.2 | 0.1 | 1 | 2 |
| | 09/05/07 | 2200 | 2100 | 0.7 | 0.7 | 0.05 | 0.05 | 0.4 | 0.4 | 5 | 1 |
| | 10/21/07 | 1800 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2000 | 2100 | 0.32 | 0.32 | 0.05 | 0.05 | 0.23 | 0.33 | 2.3 | 1.3 |
| | Median | 2000 | 2100 | 0.2 | 0.2 | 0.05 | 0.05 | 0.2 | 0.4 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0.34 | 0.34 | 0 | 0 | 0.15 | 0.21 | 2.3 | 0.6 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1800 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2200 | 2100 | 0.7 | 0.7 | 0.05 | 0.05 | 0.4 | 0.5 | 5 | 2 |
| | % of values undetected | | | 33% | 33% | 100% | 100% | 33% | 67% | 100% | 67% |
| | # of values between MDL and PQL | 1 | | 1 | 1 | | | 2 | 1 | | 1 |
| SP107 | | | | | | | | | | | |
| | 08/08/07 | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | 09/05/07 | 2000 | 2200 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.4 | 1 | 5 |
| | 10/21/07 | 2000 | 2200 | 0.05 | 0.05 | 0.25 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2000 | 2200 | 0.12 | 0.12 | 0.12 | 0.05 | 0.1 | 0.47 | 1 | 2.3 |
| | Median | 2000 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0.12 | 0 | 0 | 0.06 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.4 | 1 | 1 |
| | Maximum | 2100 | 2200 | 0.25 | 0.25 | 0.25 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | 1 | | |
| SP108 | | | | | | | | | | | |
| | 08/08/07 | 2200 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 1.3 | 1 | 2 |
| | 09/08/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 1.1 | 1 | 5 |
| | 10/26/07 | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 1.4 | 0.5 | 1 | 1 |
| | Mean | 2200 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.2 | 1 | 1 | 2.7 |
| | Median | 2200 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 1.1 | 1 | 2 |
| | St. Deviation | 100 | 100 | 0 | 0 | 0 | 0 | 0.2 | 0.4 | 0 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 0.5 | 1 | 1 |
| | Maximum | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 1.4 | 1.3 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | 33% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP109 | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 32 | 75 | 40 | 2.5 | 1 | 0.19 | | | 0.005 | | 1.0 | 0.05 | 2.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/07/07 | 33 | 69 | 30 | 2.5 | 1 | 0.19 | | | 0.02 | | 1.0 | 0.05 | 2.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 30 | 72 | 40 | 2.5 | 1 | 0.19 | | | 0.01 | | 0.8 | 0.05 | 1.6 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 32 | 72 | 37 | 2.5 | 1 | 0.19 | NA | NA | 0.012 | NA | 0.9 | 0.05 | 2.1 | 0.007 | 0.0025 | 0.05 | 0.025 | |
| | Median | 32 | 72 | 40 | 2.5 | 1 | 0.19 | NA | NA | 0.01 | NA | 1 | 0.05 | 2.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 2 | 3 | 6 | 0 | 0 | 0 | NA | NA | 0.008 | NA | 0.1 | 0 | 0.4 | 0.007 | 0 | 0 | 0 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 30 | 69 | 30 | 2.5 | 1 | 0.19 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Maximum | 33 | 75 | 40 | 2.5 | 1 | 0.19 | NA | NA | 0.02 | NA | 1 | 0.05 | 2.3 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 2 | | 3 | | 3 | | | | | |
| SP110 | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 31 | 77 | 50 | 2.5 | 1 | 1.21 | | | 0.005 | | 1.2 | 0.05 | 4.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/07/07 | 33 | 73 | 50 | 2.5 | 1 | 1.28 | | | 0.005 | | 1.1 | 0.05 | 4.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/25/07 | 29 | 69 | 40 | 2.5 | 1 | 1.07 | | | 0.02 | | 1.0 | 0.05 | 3.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 31 | 73 | 47 | 2.5 | 1 | 1.19 | NA | NA | 0.01 | NA | 1.1 | 0.05 | 4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Median | 31 | 73 | 50 | 2.5 | 1 | 1.21 | NA | NA | 0.005 | NA | 1.1 | 0.05 | 4.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 2 | 4 | 6 | 0 | 0 | 0.11 | NA | NA | 0.009 | NA | 0.1 | 0 | 0.7 | 0 | 0 | 0 | 0 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 29 | 69 | 40 | 2.5 | 1 | 1.07 | NA | NA | 0.005 | NA | 1 | 0.05 | 3.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Maximum | 33 | 77 | 50 | 2.5 | 1 | 1.28 | NA | NA | 0.02 | NA | 1.2 | 0.05 | 4.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 3 | | | | | | | |
| SP1104 | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 38.1 | 110 | 76.3 | 1.2 | 1.57 | | | | 0.06 | | 0.954 | 0.205 | 12.8 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | Mean | 38.1 | 110 | 76.3 | 1.2 | 1.57 | NA | NA | NA | 0.06 | NA | 0.954 | 0.205 | 12.8 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | Median | 38.1 | 110 | 76.3 | 1.2 | 1.57 | NA | NA | NA | 0.06 | NA | 0.954 | 0.205 | 12.8 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | |
| | # of values | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | Minimum | 38.1 | 110 | 76.3 | 1.2 | 1.57 | NA | NA | NA | 0.06 | NA | 0.954 | 0.205 | 12.8 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | Maximum | 38.1 | 110 | 76.3 | 1.2 | 1.57 | NA | NA | NA | 0.06 | NA | 0.954 | 0.205 | 12.8 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | Lowest fifth percentile | 38.10 | 110.0 | 76.30 | 1.20 | 1.57 | NA | NA | NA | 0.0600 | NA | 0.954 | 0.2050 | 12.80 | 0.00125 | 0.00125 | 0.210 | 0.016 | |
| | % of values undetected | | | | | 100% | | | | | | | | | 100% | 100% | | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 1 | | | | | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP109 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.5 | 4 | 0.2 | 0.2 | 2.3 | 2.4 | 3.1 | | 0.05 | 0.05 | 20 | 40 | 2.4 | 2.2 | 0.05 | 0.05 | 10100 | 10500 | 0.05 | 0.5 | 0.025 | 0.025 |
| | 09/07/07 | 6 | 2.5 | 0.2 | 0.2 | 1.8 | 2 | 3.5 | 3 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.4 | 0.05 | 0.05 | 10300 | 10900 | 0.25 | 0.25 | 0.06 | 0.025 |
| | 10/24/07 | 2.5 | 6 | 0.2 | 0.2 | 1.8 | 2 | 4.4 | 5.1 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.6 | 0.05 | 0.05 | 9900 | 10000 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 3 | 4.2 | 0.2 | 0.2 | 2 | 2.1 | 3.7 | 4.1 | 0.05 | 0.05 | 20 | 27 | 2.3 | 1.7 | 0.05 | 0.05 | 10100 | 10500 | 0.3 | 0.33 | 0.037 | 0.025 |
| | Median | 2.5 | 4 | 0.2 | 0.2 | 1.8 | 2 | 3.5 | 4.05 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.6 | 0.05 | 0.05 | 10100 | 10500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 2.8 | 1.8 | 0 | 0 | 0.3 | 0.2 | 0.7 | 1.5 | 0 | 0 | 0 | 12 | 0.1 | 0.4 | 0 | 0 | 200 | 500 | 0.28 | 0.14 | 0.02 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.5 | 2.5 | 0.2 | 0.2 | 1.8 | 2 | 3.1 | 3 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.4 | 0.05 | 0.05 | 9900 | 10000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 6 | 6 | 0.2 | 0.2 | 2.3 | 2.4 | 4.4 | 5.1 | 0.05 | 0.05 | 20 | 40 | 2.4 | 2.2 | 0.05 | 0.05 | 10300 | 10900 | 0.6 | 0.5 | 0.06 | 0.025 |
| | % of values undetected | 67% | 33% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| SP110 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 27 | 5 | 0.2 | 0.2 | 1.2 | 1.1 | 3.4 | 4.1 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.9 | 0.05 | 0.05 | 10200 | 10500 | 0.05 | 0.6 | 0.025 | 0.025 |
| | 09/07/07 | 12 | 6 | 0.2 | 0.2 | 1 | 0.25 | 3.4 | 3.8 | 0.05 | 0.05 | 20 | 20 | 2.3 | 1.8 | 0.05 | 0.05 | 10000 | 10800 | 0.05 | 0.25 | 0.08 | 0.025 |
| | 10/25/07 | 49 | 2.5 | 0.2 | 0.2 | 0.9 | 0.25 | 4.1 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.7 | 0.05 | 0.05 | 9600 | 9500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 29 | 4.5 | 0.2 | 0.2 | 1 | 0.5 | 3.6 | 3.9 | 0.05 | 0.05 | 20 | 20 | 2 | 1.8 | 0.05 | 0.05 | 10000 | 10300 | 0.12 | 0.37 | 0.043 | 0.025 |
| | Median | 27 | 5 | 0.2 | 0.2 | 1 | 0.25 | 3.4 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.8 | 0.05 | 0.05 | 10000 | 10500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 19 | 1.8 | 0 | 0 | 0.2 | 0.5 | 0.4 | 0.2 | 0 | 0 | 0 | 0 | 0.3 | 0.1 | 0 | 0 | 700 | 0.12 | 0.2 | 0.032 | 0 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 2.5 | 0.2 | 0.2 | 0.9 | 0.25 | 3.4 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.7 | 0.05 | 0.05 | 9600 | 9500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 49 | 6 | 0.2 | 0.2 | 1.2 | 1.1 | 4.1 | 4.1 | 0.05 | 0.05 | 20 | 20 | 2.3 | 1.9 | 0.05 | 0.05 | 10200 | 10800 | 0.25 | 0.6 | 0.08 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | | 67% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 100% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| SP1104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.05 | |
| | Mean | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.05 | NA |
| | Median | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.05 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | Minimum | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.05 | NA |
| | Maximum | 12.5 | 12.5 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.05 | NA |
| | Lowest fifth percentile | 12.50 | 12.50 | 0.0385 | 0.0385 | 0.125 | 0.125 | 7.46 | 7.87 | 0.0075 | 0.0075 | 0.7500 | 0.7500 | 1.6 | 1.6 | 0.0155 | 0.0155 | 11900 | 15000 | 0.249 | 0.388 | 0.0500 | NA |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | | | | | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP109 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.25 | 0.6 | 10 | 20 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | | 1000 | 300 | 0.1 | 0.05 | 5000 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 1300 | 1300 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 400 | 500 | 0.05 | 0.05 | 5300 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.000169 | 1.5 | 0.25 | 1.8 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.37 | 10 | 18 | 0.05 | 0.05 | 1300 | 1300 | 0.25 | 0.25 | 0.00095 | 1.1 | 0.7 | 0.8 | 0.3 | 800 | 400 | 0.07 | 0.05 | 5200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 20 | 0.05 | 0.05 | 1300 | 1300 | 0.25 | 0.25 | 0.000169 | 1.5 | 0.25 | 0.3 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 5300 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.2 | 0 | 8 | 0 | 0 | 100 | 100 | 0 | 0 | 0.00135 | 0.7 | 0.7 | 0.9 | 0 | 300 | 100 | 0.03 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 300 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.6 | 10 | 25 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 1.8 | 0.3 | 1000 | 500 | 0.1 | 0.05 | 5400 | 0.025 | 0.025 |
| | % of values undetected | 100% | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% | 33% | 67% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | | 1 | | | | | | 1 | | 1 | 2 | 1 | | | | |
| SP110 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.6 | 0.25 | 30 | 10 | 0.05 | 0.05 | 1100 | 1200 | 1.6 | 0.25 | 0.000169 | 1 | 1.1 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1400 | 0.25 | 0.8 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 800 | 500 | 0.05 | 0.05 | 6100 | 0.025 | 0.05 |
| | Mean | 0.37 | 0.25 | 22 | 10 | 0.05 | 0.05 | 1100 | 1300 | 0.7 | 0.43 | 0.00095 | 1.3 | 1.4 | 0.3 | 0.3 | 700 | 600 | 0.05 | 0.05 | 5700 | 0.025 | 0.033 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 800 | 500 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | St. Deviation | 0.2 | 0 | 10 | 0 | 0 | 0 | 100 | 100 | 0.8 | 0.32 | 0.00135 | 0.3 | 0.2 | 0 | 0 | 400 | 400 | 0 | 0 | 500 | 0 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 1 | 1.1 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | Maximum | 0.6 | 0.25 | 30 | 10 | 0.05 | 0.05 | 1200 | 1400 | 1.6 | 0.8 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6100 | 0.025 | 0.05 |
| | % of values undetected | 67% | 100% | 67% | 100% | 100% | 100% | | | 67% | 67% | 100% | 67% | 67% | 100% | 100% | 33% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | | | | | | 1 | 1 | | 1 | 1 | | | 2 | 1 | | | | | |
| SP1104 | | | | | | | | | | | | | | | | | | | | | | | |
| | 09/17/04 | 0.1 | 0.283 | 136 | 3.1 | 0.05 | 0.05 | 2000 | 2500 | 1.92 | 1.66 | 0.0011 | 0.155 | 0.155 | 0.38 | | 418 | 443 | 0.155 | 0.155 | 9100 | 0.0031 | 0.0031 |
| | Mean | 0.1 | 0.283 | 136 | 3.1 | 0.05 | 0.05 | 2000 | 2500 | 1.92 | 1.66 | 0.0011 | 0.155 | 0.155 | 0.38 | NA | 418 | 443 | 0.155 | 0.155 | 9100 | 0.0031 | 0.0031 |
| | Median | 0.1 | 0.283 | 136 | 3.1 | 0.05 | 0.05 | 2000 | 2500 | 1.92 | 1.66 | 0.0011 | 0.155 | 0.155 | 0.38 | NA | 418 | 443 | 0.155 | 0.155 | 9100 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 0.1 | 0.283 | 136 | 3.1 | 0.05 | 0.05 | 2000 | 2500 | 1.92 | 1.66 | 0.0011 | 0.155 | 0.155 | 0.38 | NA | 418 | 443 | 0.155 | 0.155 | 9100 | 0.0031 | 0.0031 |
| | Maximum | 0.1 | 0.283 | 136 | 3.1 | 0.05 | 0.05 | 2000 | 2500 | 1.92 | 1.66 | 0.0011 | 0.155 | 0.155 | 0.38 | NA | 418 | 443 | 0.155 | 0.155 | 9100 | 0.0031 | 0.0031 |
| | Lowest fifth percentile | 0.10 | 0.28 | 136.0 | 3.1 | 0.050 | 0.050 | 2000 | 2500 | 1.92 | 1.66 | 0.001100 | 0.155 | 0.155 | 0.380 | NA | 418 | 443 | 0.16 | 0.16 | 9100 | 0.0031 | 0.0031 |
| | % of values undetected | 100% | | | 100% | 100% | 100% | | | | | | 100% | 100% | | | | | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP109 | | | | | | | | | | | |
| | 08/09/07 | 2500 | 2700 | 0.05 | 0.1 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/07/07 | 2400 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.7 | 1 | 1 |
| | 10/24/07 | 2100 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2300 | 2500 | 0.05 | 0.07 | 0.05 | 0.05 | 0.37 | 0.43 | 1 | 1 |
| | Median | 2400 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | St. Deviation | 200 | 200 | 0 | 0.03 | 0 | 0 | 0.23 | 0.31 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2500 | 2700 | 0.05 | 0.1 | 0.05 | 0.05 | 0.5 | 0.7 | 1 | 1 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | 1 | | | | 1 | | |
| SP110 | | | | | | | | | | | |
| | 08/09/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/07/07 | 2200 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | 10/25/07 | 2300 | 2300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2200 | 2300 | 0.12 | 0.12 | 0.05 | 0.05 | 0.5 | 0.27 | 1 | 1 |
| | Median | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0 | 0 | 0.21 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Maximum | 2300 | 2400 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | 1 | | |
| SP1104 | | | | | | | | | | | |
| | 09/17/04 | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.235 | 0.75 |
| | Mean | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.235 | 0.75 |
| | Median | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.235 | 0.75 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.235 | 0.75 |
| | Maximum | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.235 | 0.75 |
| | Lowest fifth percentile | 3620 | 4020 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.125 | 0.125 | 0.24 | 0.75 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|---------------------------------|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP1105 | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 35.1 | 75 | 62.5 | 0.309 | 0.785 | 1.51 | | | 0.138 | | 0.784 | 0.05 | 2.35 | 0.00125 | 0.00125 | 0.72 | 0.0155 |
| | 10/05/05 | 30.8 | 75 | 42 | 0.075 | 0.785 | 0.383 | | | 0.014 | | 0.788 | 0.05 | 3.02 | 0.00125 | 0.00125 | 0.24 | 0.0155 |
| | 03/16/06 | 30.9 | 70 | 48.7 | 0.075 | 0.785 | 0.324 | | | 0.013 | | 0.794 | 0.0155 | 2.76 | 0.00125 | 0.00125 | 0.155 | 0.0155 |
| | 06/29/06 | 30.5 | 70.0 | 50.0 | 0.532 | 0.785 | 0.316 | 0.0155 | 0.293 | 0.0130 | 0.0900 | 0.804 | 0.0560 | 2.66 | 0.00105 | 0.00075 | 0.155 | 0.0155 |
| | 08/26/06 | 34.8 | 70.0 | 73.8 | 0.619 | 1.57 | 0.303 | 0.0315 | 0.272 | 0.0130 | 0.0155 | 0.782 | 0.0480 | 2.61 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/05/06 | 31.8 | 70.0 | 33.8 | 0.202 | 1.57 | 0.243 | 0.0155 | 0.227 | 0.0170 | 0.0800 | 0.818 | 0.0960 | 2.70 | 0.00075 | 0.0025 | 0.155 | 0.119 |
| | 03/25/07 | 32.0 | 70.0 | 41.3 | 0.808 | 1.57 | 0.288 | 0.0155 | 0.260 | 0.0110 | 0.0155 | 0.815 | 0.0470 | 2.50 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 05/25/07 | 32.5 | 70.0 | 48.8 | 0.3125 | 1.57 | 0.314 | | | 0.0223 | | 0.797 | 0.0530 | 2.52 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 08/04/07 | 34 | 79 | 40 | 2.5 | 1 | 0.29 | | | 0.02 | | 1.3 | 0.05 | 2.6 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/06/07 | 36 | 76 | 20 | 2.5 | 1 | 0.27 | | | 0.005 | | 1.0 | 0.05 | 3.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 36 | 82 | 50 | 6 | 1 | 0.29 | | | 0.01 | | 0.9 | 0.05 | 2.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 33.1 | 73 | 46.4 | 1.27 | 1.13 | 0.41 | 0.0195 | 0.263 | 0.03 | 0.0503 | 0.87 | 0.051 | 2.64 | 0.0014 | 0.003 | 0.185 | 0.028 |
| | Median | 32.5 | 70 | 48.7 | 0.532 | 1 | 0.303 | 0.0155 | 0.266 | 0.013 | 0.04775 | 0.804 | 0.05 | 2.61 | 0.00125 | 0.00125 | 0.155 | 0.0155 |
| | St. Deviation | 2.1 | 4 | 14.1 | 1.8 | 0.36 | 0.37 | 0.008 | 0.028 | 0.04 | 0.0403 | 0.16 | 0.018 | 0.23 | 0.0007 | 0.004 | 0.187 | 0.031 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | 11 | 4 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | Minimum | 30.5 | 70 | 20 | 0.075 | 0.785 | 0.243 | 0.0155 | 0.227 | 0.005 | 0.0155 | 0.782 | 0.0155 | 2.3 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 36 | 82 | 73.8 | 6 | 1.57 | 0.0315 | 0.293 | 0.138 | 0.09 | 1.3 | 0.096 | 3.02 | 0.0025 | 0.015 | 0.72 | 0.119 | |
| | % of values undetected | | | | 45% | 100% | | 75% | | 9% | 50% | | 55% | | 100% | 100% | 82% | 91% |
| | # of values between MDL and PQL | | | | 4 | | | 1 | | 3 | 2 | 3 | 5 | 2 | | | 2 | |
| SP111 | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 42 | 90 | 40 | 2.5 | 1 | 0.06 | | | 0.005 | | 1.0 | 0.05 | 2.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 46 | 87 | 50 | 2.5 | 1 | 0.06 | | | 0.005 | | 1.0 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 45 | 94 | 60 | 6 | 1 | 0.10 | | | 0.005 | | 0.8 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 44 | 90 | 50 | 3.7 | 1 | 0.07 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 45 | 90 | 50 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 1 | 0.05 | 2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 4 | 10 | 2 | 0 | 0.02 | NA | NA | 0 | NA | 0.1 | 0 | 0.5 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 42 | 87 | 40 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 46 | 94 | 60 | 6 | 1 | 0.1 | NA | NA | 0.005 | NA | 1 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 2 | | | | 3 | | 3 | | | | | |
| SP112 | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 20 | 56 | 40 | 2.5 | 1 | 0.04 | | | 0.005 | | 1.0 | 0.05 | 16.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 21 | 53 | 40 | 2.5 | 1 | 0.08 | | | 0.005 | | 1.0 | 0.05 | 15.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 19 | 55 | 40 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.9 | 0.05 | 14.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 20 | 55 | 40 | 2.5 | 1 | 0.057 | NA | NA | 0.005 | NA | 1 | 0.05 | 15.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 20 | 55 | 40 | 2.5 | 1 | 0.05 | NA | NA | 0.005 | NA | 1 | 0.05 | 15.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 0 | 0 | 0 | 0.021 | NA | NA | 0 | NA | 0.1 | 0 | 0.7 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 19 | 53 | 40 | 2.5 | 1 | 0.04 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 14.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 21 | 56 | 40 | 2.5 | 1 | 0.08 | NA | NA | 0.005 | NA | 1 | 0.05 | 16.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 3 | | | | 3 | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 4.67 | 3.57 | 0.139 | 0.141 | 7.49 | 7.16 | 2.8 | 2.8 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 11600 | 10900 | 0.791 | 0.813 | 0.0186 | 0.014 |
| | 10/05/05 | 4.03 | 3.19 | 0.145 | 0.149 | 6.5 | 6.91 | 2.54 | 2.65 | 0.0075 | 0.0075 | 0.00155 | 0.011 | 1.55 | 1.55 | 0.00775 | 0.00775 | 10300 | 10700 | 0.786 | 0.814 | 0.0244 | |
| | 03/16/06 | 4.42 | 3.51 | 0.176 | 0.131 | 7.18 | 6.47 | 2.71 | 2.69 | 0.012 | 0.012 | 0.025 | 0.0075 | 2.5 | 2.5 | 0.0125 | 0.0125 | 10200 | 9780 | 0.659 | 0.72 | 0.0202 | 0.01 |
| | 06/29/06 | 4.69 | 3.75 | 0.142 | 0.162 | 6.77 | 7.11 | 2.64 | 3.10 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 1.66 | 0.0125 | 0.0125 | 10100 | 10400 | 0.931 | 0.993 | 0.0394 | 0.0336 |
| | 08/26/06 | 9.16 | 3.81 | 0.164 | 0.170 | 7.59 | 7.67 | 2.93 | 3.09 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 11500 | 12100 | 0.921 | | 0.0294 | 0.0394 |
| | 10/05/06 | 3.59 | 2.92 | 0.120 | 0.0312 | 6.66 | 6.44 | 2.61 | 2.81 | 0.0125 | 0.0125 | 0.0075 | 0.0232 | 1.25 | 3.31 | 0.0185 | 0.0185 | 10700 | 9720 | 0.289 | | 0.0168 | 0.0210 |
| | 03/25/07 | 11.2 | 3.85 | 0.195 | 0.178 | 7.11 | 7.00 | 2.74 | 2.85 | 0.0125 | 0.0125 | 0.0075 | 0.0156 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10700 | 9800 | 0.667 | 0.553 | 0.0100 | |
| | 05/25/07 | 3.78 | 2.91 | 0.166 | 0.177 | 7.06 | 6.75 | 2.84 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10900 | 10800 | 0.661 | 0.401 | 0.0176 | 0.0188 |
| | 08/04/07 | 9 | | 0.2 | 0.2 | 7 | 7.8 | 3 | | 0.05 | 0.05 | 20 | 20 | 1.6 | 2.6 | 0.05 | 0.05 | 11900 | 11100 | 0.7 | 1.1 | 0.025 | 0.05 |
| | 09/06/07 | 9 | 9 | 0.2 | 0.2 | 6.8 | 7 | 2.7 | 3 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2 | 0.05 | 0.05 | 11900 | 11900 | 0.9 | 0.25 | 0.07 | 0.025 |
| | 10/25/07 | 2.5 | 6 | 0.2 | 0.2 | 7.6 | 7.4 | 2.8 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 2.4 | 0.05 | 0.05 | 11200 | 12100 | 0.25 | | 0.025 | 0.025 |
| | Mean | 6 | 4.3 | 0.168 | 0.158 | 7.07 | 7.06 | 2.76 | 2.87 | 0.022 | 0.022 | 5 | 5 | 1.8 | 2.25 | 0.022 | 0.022 | 11000 | 10800 | 0.687 | 0.71 | 0.0269 | 0.026 |
| | Median | 4.67 | 3.66 | 0.166 | 0.17 | 7.06 | 7 | 2.74 | 2.83 | 0.0125 | 0.0125 | 0.0075 | 0.011 | 1.5 | 2 | 0.0125 | 0.0125 | 10900 | 10800 | 0.7 | 0.7665 | 0.0244 | 0.025 |
| | St. Deviation | 3 | 1.9 | 0.029 | 0.048 | 0.37 | 0.44 | 0.14 | 0.17 | 0.018 | 0.018 | 9 | 9 | 1.2 | 1.13 | 0.0184 | 0.0184 | 700 | 900 | 0.231 | 0.29 | 0.0162 | 0.013 |
| | # of values | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 8 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 8 | 11 | 9 |
| | Minimum | 2.5 | 2.91 | 0.12 | 0.0312 | 6.5 | 6.44 | 2.54 | 2.65 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.25 | 0.0075 | 0.0075 | 10100 | 9720 | 0.25 | 0.25 | 0.01 | 0.01 |
| | Maximum | 11.2 | 9 | 0.2 | 0.2 | 7.6 | 7.8 | 3 | 3.1 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.05 | 0.05 | 11900 | 12100 | 0.931 | 1.1 | 0.07 | 0.05 |
| | % of values undetected | 9% | | 27% | 27% | | | | | 100% | 100% | 100% | 73% | 82% | 55% | 100% | 100% | | | 9% | 13% | 27% | 33% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | 2 | | 2 | | | | | | | 3 | 2 |
| SP111 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 11 | 6 | 0.2 | 0.2 | 0.6 | 0.25 | 1 | | 0.05 | 0.05 | 20 | 40 | 1.3 | 1.2 | 0.05 | 0.05 | 15300 | 15800 | 0.05 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 9 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1.4 | 0.05 | 0.05 | 20 | 20 | 2 | 1.2 | 0.05 | 0.05 | 15800 | 17000 | 0.25 | 0.25 | 0.11 | 0.025 |
| | 10/28/07 | 11 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 1 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.2 | 0.05 | 0.05 | 16300 | 16800 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 4.8 | 0.2 | 0.2 | 0.37 | 0.25 | 1.4 | 1.2 | 0.05 | 0.05 | 20 | 27 | 1.9 | 1.2 | 0.05 | 0.05 | 15800 | 16500 | 0.12 | 0.3 | 0.05 | 0.025 |
| | Median | 11 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1.2 | 0.05 | 0.05 | 20 | 20 | 2 | 1.2 | 0.05 | 0.05 | 15800 | 16800 | 0.05 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 1 | 2 | 0 | 0 | 0.2 | 0 | 0.6 | 0.3 | 0 | 0 | 0 | 12 | 0.6 | 0 | 0 | 0 | 500 | 600 | 0.12 | 0.09 | 0.05 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.2 | 0.05 | 0.05 | 15300 | 15800 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 11 | 6 | 0.2 | 0.2 | 0.6 | 0.25 | 2.1 | 1.4 | 0.05 | 0.05 | 20 | 40 | 2.5 | 1.2 | 0.05 | 0.05 | 16300 | 17000 | 0.25 | 0.4 | 0.11 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | | | 100% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | | 1 | 1 | |
| SP112 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.5 | 2 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.3 | 0.05 | 0.05 | 5700 | 6200 | 0.05 | 0.5 | 0.025 | 0.025 |
| | 09/05/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.9 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.5 | 0.05 | 0.05 | 5600 | 6200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/28/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 5500 | 5600 | 0.05 | 0.25 | 0.06 | 0.025 |
| | Mean | 3.7 | 2.3 | 0.2 | 0.2 | 0.25 | 0.25 | 0.6 | 0.6 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.5 | 0.05 | 0.05 | 5600 | 6000 | 0.05 | 0.33 | 0.037 | 0.025 |
| | Median | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.575 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 5600 | 6200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 3.9 | 0.3 | 0 | 0 | 0 | 0 | 0.7 | 0.5 | 0 | 0 | 0 | 0 | 0.3 | 0.2 | 0 | 0 | 100 | 300 | 0 | 0.14 | 0.02 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.5 | 2 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.3 | 0.05 | 0.05 | 5500 | 5600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 0.9 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.7 | 0.05 | 0.05 | 5700 | 6200 | 0.05 | 0.5 | 0.06 | 0.025 |
| | % of values undetected | 67% | 67% | 100% | 100% | 100% | 100% | 67% | 50% | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | | | 100% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | | | | | | | | | | | | | | | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.106 | 0.194 | 10 | 3.1 | 0.0155 | | 1470 | 1380 | 0.031 | 0.031 | 0.0025 | 0.536 | 0.525 | 0.382 | | 476 | 456 | 0.0775 | 0.0775 | 5060 | 0.0031 | 0.0031 |
| | 10/05/05 | 8.18 | 0.156 | 3.1 | 3.1 | 0.0155 | | 1240 | 1280 | 0.0636 | 0.1 | 0.000450 | 0.367 | | 0.352 | | 404 | 423 | 0.0775 | 0.0775 | 5510 | 0.0031 | 0.0031 |
| | 03/16/06 | 0.05 | 0.14 | 3.1 | 3.1 | 0.025 | | 1320 | 1290 | 0.025 | 0.025 | 0.000475 | 0.661 | 0.548 | 0.279 | | 404 | 392 | 0.322 | 0.155 | 2600 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.219 | 0.163 | 7.92 | 8.12 | 0.0250 | | 1260 | 1320 | 0.0688 | 0.0892 | 0.000475 | 0.513 | 0.476 | 0.544 | | 404 | 431 | 0.155 | 0.155 | 5160 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.114 | | 10.1 | 9.60 | 0.0155 | | 1450 | 1540 | 0.201 | 0.139 | 0.000475 | 0.547 | 0.557 | 0.413 | | 481 | 513 | 0.155 | 0.155 | 5860 | 0.0031 | 0.0031 |
| | 10/05/06 | 0.050 | | 30.9 | 9.72 | 0.0155 | 0.0518 | 1230 | 1300 | 0.0506 | 0.0790 | 0.000475 | 0.503 | 0.541 | 0.258 | 0.371 | 381 | 416 | 0.155 | 0.155 | 4630 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.106 | | 6.71 | 3.10 | 0.0155 | 0.050 | 1300 | 1380 | 0.194 | | 0.000169 | 0.532 | 0.586 | 0.389 | | 421 | 411 | 0.155 | 0.155 | 5130 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.130 | 0.130 | 26.9 | 29.8 | 0.050 | 0.050 | 1320 | 1490 | 0.0510 | 0.0604 | 0.000169 | 0.560 | 0.549 | 0.283 | 0.270 | 413 | 450 | 0.155 | 0.155 | 5010 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 1.1 | 10 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.7 | 0.3 | 0.9 | 1000 | 1000 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 1400 | 1400 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.1 | 5100 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1300 | 1500 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 400 | 500 | 0.25 | 0.05 | 5400 | 0.025 | 0.025 |
| | Mean | 0.9 | 0.3 | 12 | 10 | 0.03 | 0.05 | 1330 | 1390 | 0.13 | 0.1 | 0.00073 | 0.68 | 0.75 | 0.345 | 0.4 | 470 | 470 | 0.146 | 0.117 | 4970 | 0.009 | 0.009 |
| | Median | 0.13 | 0.1785 | 10 | 9.6 | 0.025 | 0.05 | 1300 | 1380 | 0.0688 | 0.0946 | 0.0004745 | 0.536 | 0.553 | 0.3 | 0.3 | 404 | 431 | 0.155 | 0.155 | 5130 | 0.0031 | 0.0031 |
| | St. Deviation | 2.4 | 0.33 | 9 | 9 | 0.016 | 0.001 | 80 | 90 | 0.1 | 0.1 | 0.00089 | 0.42 | 0.4 | 0.083 | 0.3 | 180 | 200 | 0.084 | 0.046 | 850 | 0.01 | 0.01 |
| | # of values | 11 | 8 | 11 | 11 | 11 | 6 | 11 | 11 | 11 | 10 | 11 | 11 | 10 | 11 | 5 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | Minimum | 0.05 | 0.13 | 3.1 | 3.1 | 0.0155 | 0.05 | 1230 | 1280 | 0.025 | 0.025 | 0.000169 | 0.25 | 0.476 | 0.258 | 0.27 | 381 | 150 | 0.05 | 0.05 | 2600 | 0.0031 | 0.0031 |
| | Maximum | 8.18 | 1.1 | 30.9 | 29.8 | 0.05 | 0.0518 | 1470 | 1540 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.544 | 0.9 | 1000 | 1000 | 0.322 | 0.155 | 5860 | 0.025 | 0.025 |
| | % of values undetected | 45% | 25% | 55% | 64% | 100% | 83% | | | 45% | 60% | 100% | 27% | 20% | 27% | 40% | 9% | 18% | 91% | 91% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 3 | 3 | | 1 | | | 1 | | | 1 | | | 1 | 2 | 1 | 1 | 1 | | | |
| SP111 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.6 | 0.5 | 10 | 20 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 2400 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000501 | 0.25 | 0.25 | 1.5 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2800 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.5 | 0.05 | 2700 | 0.025 | 0.025 |
| | Mean | 0.37 | 0.33 | 10 | 13 | 0.05 | 0.05 | 700 | 770 | 0.25 | 0.25 | 0.00028 | 0.25 | 0.25 | 0.7 | 0.3 | 150 | 200 | 0.2 | 0.05 | 2600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2700 | 0.025 | 0.025 |
| | St. Deviation | 0.2 | 0.14 | 0 | 6 | 0 | 0 | 100 | 60 | 0 | 0 | 0.000192 | 0 | 0 | 0.7 | 0 | 0 | 90 | 0.26 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2400 | 0.025 | 0.025 |
| | Maximum | 0.6 | 0.5 | 10 | 20 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000501 | 0.25 | 0.25 | 1.5 | 0.3 | 150 | 300 | 0.5 | 0.05 | 2800 | 0.025 | 0.025 |
| | % of values undetected | 67% | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | 3 | 3 | | | 1 | | | | | | | | | | | |
| SP112 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.1 | 0.3 | 150 | 150 | 0.3 | 0.3 | 3900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.3 | 0.3 | 3900 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 4300 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.6 | 0.3 | 230 | 150 | 0.28 | 0.28 | 4000 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.3 | 0.3 | 3900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 140 | 0 | 0.03 | 0.03 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 3900 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.1 | 0.3 | 400 | 150 | 0.3 | 0.3 | 4300 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% | 100% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | 1 | | 1 | | 2 | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP1105 | | | | | | | | | | | |
| | 07/20/05 | 2290 | 2210 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.53 | 1.75 | 10.7 | 2.59 |
| | 10/05/05 | 1940 | 2000 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.67 | 1.13 | 6.39 | 1.2 |
| | 03/16/06 | 2050 | 2080 | 0.0025 | 0.0025 | 0.22 | 0.0155 | 1.27 | 1.47 | 0.757 | |
| | 06/29/06 | 1960 | 2060 | 0.0076 | 0.0025 | 0.0155 | 0.0346 | 1.10 | 1.22 | 1.06 | |
| | 08/26/06 | 2210 | 2420 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.62 | 1.69 | 1.01 | |
| | 10/05/06 | 1880 | 2020 | 0.0050 | | 0.050 | 0.214 | 0.929 | 1.34 | 0.50 | |
| | 03/25/07 | 2040 | 2160 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.26 | 1.25 | 0.50 | |
| | 05/25/07 | 2020 | 2220 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.22 | 1.19 | 1.61 | 2.17 |
| | 08/04/07 | 2100 | 2100 | 0.1 | 0.05 | 0.05 | 0.05 | 1.4 | 1.6 | 1 | 1 |
| | 09/06/07 | 2200 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 1.4 | 1 | 1 |
| | 10/25/07 | 1900 | 2200 | 0.25 | 0.25 | 0.05 | 0.05 | 1.9 | 1.6 | 1 | 1 |
| | Mean | 2050 | 2150 | 0.04 | 0.04 | 0.06 | 0.06 | 1.36 | 1.42 | 2.3 | 1.49 |
| | Median | 2040 | 2160 | 0.005 | 0.005 | 0.05 | 0.05 | 1.27 | 1.4 | 1 | 1.1 |
| | St. Deviation | 130 | 120 | 0.08 | 0.08 | 0.05 | 0.05 | 0.29 | 0.21 | 3.2 | 0.7 |
| | # of values | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 6 |
| | Minimum | 1880 | 2000 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.929 | 1.13 | 0.5 | 1 |
| | Maximum | 2290 | 2420 | 0.25 | 0.25 | 0.22 | 0.214 | 1.9 | 1.75 | 10.7 | 2.59 |
| | % of values undetected | | | 82% | 100% | 91% | 82% | | | 45% | 50% |
| | # of values between MDL and PQL | 1 | | 2 | | | 1 | 1 | | | 1 |
| SP111 | | | | | | | | | | | |
| | 08/09/07 | 1300 | 1400 | 0.1 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/05/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | 10/28/07 | 1200 | 1500 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1300 | 1500 | 0.07 | 0.12 | 0.05 | 0.05 | 0.5 | 0.37 | 1 | 1 |
| | Median | 1300 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.03 | 0.12 | 0 | 0 | 0 | 0.23 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Maximum | 1400 | 1500 | 0.1 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | 1 | | | | | 1 | | |
| SP112 | | | | | | | | | | | |
| | 08/09/07 | 1800 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/05/07 | 1900 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | 10/28/07 | 1800 | 2000 | 0.6 | 0.6 | 0.25 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1800 | 2000 | 0.23 | 0.23 | 0.12 | 0.05 | 0.37 | 0.13 | 1 | 2.3 |
| | Median | 1800 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 0 | 0.32 | 0.32 | 0.12 | 0 | 0.23 | 0.06 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1800 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1900 | 2000 | 0.6 | 0.6 | 0.25 | 0.05 | 0.5 | 0.2 | 1 | 5 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | | | | | | | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP113 | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 12 | 35 | 20 | 2.5 | 1 | 0.24 | | | 0.01 | | 0.6 | 0.05 | 6.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 15 | 40 | 40 | 2.5 | 1 | 0.08 | | | 0.005 | | 0.7 | 0.05 | 8.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/21/07 | 12 | 32 | 20 | 8 | 1 | 0.05 | | | 0.005 | | 0.8 | 0.05 | 6.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 13 | 36 | 27 | 4.3 | 1 | 0.12 | NA | NA | 0.007 | NA | 0.7 | 0.05 | 7.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 12 | 35 | 20 | 2.5 | 1 | 0.08 | NA | NA | 0.005 | NA | 0.7 | 0.05 | 6.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 4 | 12 | 3.2 | 0 | 0.1 | NA | NA | 0.003 | NA | 0.1 | 0 | 1.1 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 32 | 20 | 2.5 | 1 | 0.05 | NA | NA | 0.005 | NA | 0.6 | 0.05 | 6.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 15 | 40 | 40 | 8 | 1 | 0.24 | NA | NA | 0.01 | NA | 0.8 | 0.05 | 8.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 2 | | | 1 | | 3 | | | | | | |
| SP114 | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 41 | 90 | 50 | 2.5 | 1 | 0.24 | | | 0.005 | | 1.0 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/06/07 | 41 | 85 | 50 | 2.5 | 1 | 0.22 | | | 0.005 | | 1.0 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 41 | 88 | 50 | 2.5 | 1 | 0.23 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 41 | 88 | 50 | 2.5 | 1 | 0.23 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 0 | 4 | 0 | 0 | 0 | 0.01 | NA | NA | 0 | NA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 | 2 | 0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 41 | 85 | 50 | 2.5 | 1 | 0.22 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 41 | 90 | 50 | 2.5 | 1 | 0.24 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | 2 | | 2 | | | | | |
| SP115 | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 36 | 88 | 20 | 2.5 | 1 | 0.45 | | | 0.01 | | 1.0 | 0.05 | 9.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/07/07 | 28 | 73 | 60 | 2.5 | 1 | 0.49 | | | 0.005 | | 1.3 | 0.05 | 8.1 | 0.0025 | 0.0025 | 0.05 | 0.39 |
| | 10/26/07 | 40 | 73 | 80 | 8 | 1 | 0.38 | | | 0.01 | | 0.9 | 0.05 | 19.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 35 | 78 | 53 | 4.3 | 1 | 0.44 | NA | NA | 0.008 | NA | 1.1 | 0.05 | 12 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Median | 36 | 73 | 60 | 2.5 | 1 | 0.45 | NA | NA | 0.01 | NA | 1 | 0.05 | 9.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 6 | 9 | 31 | 3.2 | 0 | 0.06 | NA | NA | 0.003 | NA | 0.2 | 0 | 6 | 0 | 0 | 0 | 0.21 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 28 | 73 | 20 | 2.5 | 1 | 0.38 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 8.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 40 | 88 | 80 | 8 | 1 | 0.49 | NA | NA | 0.01 | NA | 1.3 | 0.05 | 19.2 | 0.0025 | 0.0025 | 0.05 | 0.39 |
| | % of values undetected | | | | 67% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | | | 2 | | 3 | | | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP113 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 41 | 6 | 0.2 | 0.2 | 0.5 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 3900 | 4100 | 0.05 | 0.5 | 0.025 | 0.025 |
| | 09/05/07 | 12 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.2 | 0.05 | 0.05 | 4800 | 5000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/21/07 | 19 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.7 | 0.05 | 0.05 | 3700 | 4000 | 0.6 | 0.6 | 0.025 | 0.025 |
| | Mean | 24 | 6 | 0.2 | 0.2 | 0.33 | 0.25 | 0.6 | 0.3 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 4100 | 4400 | 0.23 | 0.45 | 0.025 | 0.025 |
| | Median | 19 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 3900 | 4100 | 0.05 | 0.5 | 0.025 | 0.025 |
| | St. Deviation | 15 | 0 | 0 | 0 | 0.14 | 0 | 0.7 | NA | 0 | 0 | 0 | 0 | 0.3 | 0.3 | 0 | 0 | 600 | 600 | 0.32 | 0.18 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.2 | 0.05 | 0.05 | 3700 | 4000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 41 | 6 | 0.2 | 0.2 | 0.5 | 0.25 | 1.4 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.7 | 0.05 | 0.05 | 4800 | 5000 | 0.6 | 0.6 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 67% | 100% | 67% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | | | | |
| SP114 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.5 | 5 | 0.2 | 0.2 | 2.7 | 2.5 | 4.4 | 5.3 | 0.05 | 0.05 | 20 | 40 | 2.3 | 2.1 | 0.05 | 0.05 | 13600 | 13900 | 0.3 | 0.6 | 0.025 | 0.025 |
| | 09/06/07 | 14 | 2.5 | 0.2 | 0.2 | 2.3 | 2.4 | 4.8 | 3.5 | 0.05 | 0.05 | 20 | 20 | 2.3 | 1.8 | 0.05 | 0.05 | 13700 | 13800 | 0.6 | 0.05 | 0.1 | 0.025 |
| | Mean | 7 | 3.8 | 0.2 | 0.2 | 2.5 | 2.5 | 4.6 | 4.4 | 0.05 | 0.05 | 20 | 30 | 2.3 | 2 | 0.05 | 0.05 | 13700 | 13900 | 0.45 | 0.33 | 0.06 | 0.025 |
| | Median | 7 | 3.8 | 0.2 | 0.2 | 2.5 | 2.5 | 4.6 | 4.4 | 0.05 | 0.05 | 20 | 30 | 2.3 | 2 | 0.05 | 0.05 | 13700 | 13900 | 0.45 | 0.33 | 0.06 | 0.025 |
| | St. Deviation | 10 | 1.8 | 0 | 0 | 0.3 | 0.1 | 0.3 | 1.3 | 0 | 0 | 0 | 14 | 0 | 0.2 | 0 | 0 | 100 | 100 | 0.21 | 0.39 | 0.05 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.5 | 2.5 | 0.2 | 0.2 | 2.3 | 2.4 | 4.4 | 3.5 | 0.05 | 0.05 | 20 | 20 | 2.3 | 1.8 | 0.05 | 0.05 | 13600 | 13800 | 0.3 | 0.05 | 0.025 | 0.025 |
| | Maximum | 14 | 5 | 0.2 | 0.2 | 2.7 | 2.5 | 4.8 | 5.3 | 0.05 | 0.05 | 20 | 40 | 2.3 | 2.1 | 0.05 | 0.05 | 13700 | 13900 | 0.6 | 0.6 | 0.1 | 0.025 |
| | % of values undetected | 50% | 50% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 50% | 50% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | 1 | |
| SP115 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.5 | 3 | 0.2 | 0.2 | 0.9 | 0.25 | 4.7 | | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.2 | 0.05 | 0.05 | 10200 | 10900 | 0.05 | 0.6 | 0.025 | 0.025 |
| | 09/07/07 | 19 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.6 | 4.5 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.6 | 0.05 | 0.05 | 8500 | 8500 | 0.25 | 0.25 | 0.05 | 0.025 |
| | 10/26/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 6.9 | 6.9 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.9 | 0.05 | 0.05 | 12400 | 12300 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 7 | 2.7 | 0.2 | 0.2 | 0.47 | 0.25 | 5.4 | 5.7 | 0.05 | 0.05 | 20 | 20 | 2 | 1.9 | 0.05 | 0.05 | 10400 | 10600 | 0.3 | 0.37 | 0.033 | 0.025 |
| | Median | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.7 | 5.7 | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.9 | 0.05 | 0.05 | 10200 | 10900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 10 | 0.3 | 0 | 0 | 0.38 | 0 | 1.3 | 1.7 | 0 | 0 | 0 | 0 | 0.2 | 0.3 | 0 | 0 | 2000 | 1900 | 0.28 | 0.2 | 0.014 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.6 | 4.5 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.6 | 0.05 | 0.05 | 8500 | 8500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 19 | 3 | 0.2 | 0.2 | 0.9 | 0.25 | 6.9 | 6.9 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.2 | 0.05 | 0.05 | 12400 | 12300 | 0.6 | 0.6 | 0.05 | 0.025 |
| | % of values undetected | 67% | 67% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | 1 | | | 1 | | | | | | | | | | | | | | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP113 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/09/07 | 0.8 | 0.25 | 50 | 10 | 0.05 | 0.05 | 400 | 500 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.2 | 4100 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.1 | 4600 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 400 | 500 | 0.25 | 0.25 | 0.00047 | 0.25 | 0.25 | 0.3 | 0.7 | 150 | 300 | 0.25 | 0.25 | 4400 | 0.025 | 0.025 |
| | Mean | 0.43 | 0.25 | 23 | 10 | 0.12 | 0.05 | 470 | 570 | 0.4 | 0.25 | 0.001 | 0.25 | 0.25 | 0.3 | 0.43 | 400 | 500 | 0.12 | 0.18 | 4400 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.25 | 0.00047 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.2 | 4400 | 0.025 | 0.025 |
| | St. Deviation | 0.32 | 0 | 23 | 0 | 0.12 | 0 | 120 | 120 | 0.26 | 0 | 0.0013 | 0 | 0 | 0 | 0.23 | 500 | 400 | 0.12 | 0.08 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.1 | 4100 | 0.025 | 0.025 |
| | Maximum | 0.8 | 0.25 | 50 | 10 | 0.25 | 0.05 | 600 | 700 | 0.7 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 1000 | 0.25 | 0.25 | 4600 | 0.025 | 0.025 |
| | % of values undetected | 67% | 100% | 67% | 100% | 100% | 100% | | | 67% | 100% | 67% | 100% | 100% | 100% | 67% | 100% | 33% | 100% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | | | | | 3 | 3 | 1 | | 1 | | | | 1 | | 2 | | 2 | | | |
| SP114 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.25 | 0.7 | 30 | 20 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1500 | 1500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.5 | 0.3 | 300 | 150 | 0.1 | 0.1 | 5000 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.48 | 20 | 15 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.9 | 0.3 | 230 | 230 | 0.08 | 0.08 | 4900 | 0.025 | 0.025 |
| | Median | 0.25 | 0.48 | 20 | 15 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.9 | 0.3 | 230 | 230 | 0.08 | 0.08 | 4900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.32 | 14 | 7 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0.8 | 0 | 110 | 110 | 0.04 | 0.04 | 100 | 0 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.7 | 30 | 20 | 0.05 | 0.05 | 1500 | 1500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.5 | 0.3 | 300 | 300 | 0.1 | 0.1 | 5000 | 0.025 | 0.025 |
| | % of values undetected | 100% | 50% | 50% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 50% | 100% | 50% | 50% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | | | | | 1 | | | | | | | | 1 | | 1 | 1 | | | |
| SP115 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1900 | 2100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.2 | 7900 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.2 | 1700 | 1700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 400 | 600 | 0.05 | 0.1 | 8300 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2300 | 2300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.6 | 0.3 | 600 | 700 | 0.25 | 0.25 | 8400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 15 | 10 | 0.05 | 0.1 | 2000 | 2000 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.8 | 0.3 | 700 | 800 | 0.12 | 0.18 | 8200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1900 | 2100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.6 | 0.3 | 600 | 700 | 0.05 | 0.2 | 8300 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 9 | 0 | 0 | 0.09 | 300 | 300 | 0 | 0 | 0.00135 | 0 | 0 | 0.6 | 0 | 300 | 200 | 0.12 | 0.08 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1700 | 1700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 600 | 0.05 | 0.1 | 7900 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.2 | 2300 | 2300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 1000 | 1000 | 0.25 | 0.25 | 8400 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 67% | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 33% | 33% | 100% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 1 | | | | | | | | 1 | | 2 | 2 | | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP113 | | | | | | | | | | | |
| | 08/09/07 | 1300 | 1400 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/05/07 | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 1 |
| | 10/21/07 | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1300 | 1500 | 0.05 | 0.2 | 0.05 | 0.05 | 0.23 | 0.13 | 1 | 1 |
| | Median | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0 | 0.26 | 0 | 0 | 0.23 | 0.06 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1500 | 1600 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | 1 | | |
| SP114 | | | | | | | | | | | |
| | 08/10/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 2 | 1 |
| | 09/06/07 | 2300 | 2300 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.4 | 5 | 1 |
| | Mean | 2300 | 2300 | 0.33 | 0.33 | 0.05 | 0.05 | 0.5 | 0.25 | 3.5 | 1 |
| | Median | 2300 | 2300 | 0.33 | 0.33 | 0.05 | 0.05 | 0.5 | 0.25 | 3.5 | 1 |
| | St. Deviation | 100 | 0 | 0.39 | 0.39 | 0 | 0 | 0 | 0.21 | 2.1 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 2 | 1 |
| | Maximum | 2300 | 2300 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.4 | 5 | 1 |
| | % of values undetected | | | 50% | 50% | 100% | 100% | 50% | 50% | 50% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | 1 | 1 | 1 | |
| SP115 | | | | | | | | | | | |
| | 08/10/07 | 3200 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 2 |
| | 09/07/07 | 3200 | 3200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | 10/26/07 | 3600 | 3700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 3300 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.37 | 0.23 | 1 | 2.7 |
| | Median | 3200 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 2 |
| | St. Deviation | 200 | 300 | 0 | 0 | 0 | 0 | 0.23 | 0.23 | 0 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3200 | 3200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 3600 | 3700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | 1 | | 1 |

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| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP116 | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 19 | 69 | 50 | 2.5 | 1 | 0.51 | | | 0.02 | | 1.0 | 0.05 | 11.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/07/07 | 24 | 68 | 60 | 2.5 | 1 | 0.77 | | | 0.01 | | 1.2 | 0.05 | 11.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/27/07 | 23 | 67 | 50 | 2.5 | 1 | 0.61 | | | 0.02 | | 0.9 | 0.05 | 9.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 22 | 68 | 53 | 2.5 | 1 | 0.63 | NA | NA | 0.017 | NA | 1 | 0.05 | 11 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 23 | 68 | 50 | 2.5 | 1 | 0.61 | NA | NA | 0.02 | NA | 1 | 0.05 | 11.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 3 | 1 | 6 | 0 | 0 | 0.13 | NA | NA | 0.006 | NA | 0.2 | 0 | 1.2 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 19 | 67 | 50 | 2.5 | 1 | 0.51 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 9.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 24 | 69 | 60 | 2.5 | 1 | 0.77 | NA | NA | 0.02 | NA | 1.2 | 0.05 | 11.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 3 | | 3 | | | | | | |
| SP117 | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 8 | 22 | 10 | 2.5 | 1 | 0.03 | | | 0.04 | | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 8 | 19 | 20 | 2.5 | 1 | 0.01 | | | 0.005 | | 0.9 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/22/07 | 8 | 18 | 20 | 2.5 | 1 | 0.07 | | | 0.01 | | 0.9 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 8 | 20 | 17 | 2.5 | 1 | 0.037 | NA | NA | 0.018 | NA | 0.87 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.07 |
| | Median | 8 | 19 | 20 | 2.5 | 1 | 0.03 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 0 | 2 | 6 | 0 | 0 | 0.031 | NA | NA | 0.019 | NA | 0.06 | 0 | 0.1 | 0 | 0 | 0 | 0.07 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 8 | 18 | 10 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 8 | 22 | 20 | 2.5 | 1 | 0.07 | NA | NA | 0.04 | NA | 0.9 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | % of values undetected | | | | 100% | 100% | 33% | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | | | 2 | | | 2 | | 3 | | 3 | | | | |
| SP118 | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 6 | 16 | 10 | 2.5 | 1 | 0.04 | | | 0.005 | | 0.7 | 0.05 | 0.7 | 0.0025 | 0.025 | 0.05 | 0.025 |
| | 09/05/07 | 8 | 17 | 30 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/27/07 | 3.5 | 15 | 20 | 2.5 | 1 | 0.04 | | | 0.005 | | 0.9 | 0.05 | 0.25 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 5.8 | 16 | 20 | 2.5 | 1 | 0.043 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.58 | 0.007 | 0.01 | 0.05 | 0.025 |
| | Median | 6 | 16 | 20 | 2.5 | 1 | 0.04 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2.3 | 1 | 10 | 0 | 0 | 0.006 | NA | NA | 0 | NA | 0.1 | 0 | 0.29 | 0.007 | 0.013 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3.5 | 15 | 10 | 2.5 | 1 | 0.04 | NA | NA | 0.005 | NA | 0.7 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 8 | 17 | 30 | 2.5 | 1 | 0.05 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.8 | 0.015 | 0.025 | 0.05 | 0.025 |
| | % of values undetected | 33% | | | 100% | 100% | | | | 100% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | | | 3 | | | | | 3 | | 2 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP116 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 11 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | | 0.05 | 0.05 | 20 | 100 | 1.6 | 1.7 | 0.05 | 0.05 | 6800 | 6000 | 0.05 | 0.5 | 0.025 | 0.025 |
| | 09/07/07 | 8 | | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.2 | 0.05 | 0.05 | 6800 | 7200 | 0.25 | 0.25 | 0.06 | 0.13 |
| | 10/27/07 | 15 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1 | 0.05 | 0.05 | 7000 | 6900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 11 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 3.4 | 0.05 | 0.05 | 20 | 50 | 1.2 | 1.3 | 0.05 | 0.05 | 6900 | 6700 | 0.18 | 0.33 | 0.037 | 0.06 |
| | Median | 11 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.2 | 0.05 | 0.05 | 6800 | 6900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 4 | 0 | 0 | 0 | 0 | 0 | 0.8 | NA | 0 | 0 | 0 | 50 | 0.6 | 0.4 | 0 | 0 | 100 | 600 | 0.12 | 0.14 | 0.02 | 0.06 |
| | # of values | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 8 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | 3.4 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1 | 0.05 | 0.05 | 6800 | 6000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 15 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.4 | 0.05 | 0.05 | 20 | 100 | 1.6 | 1.7 | 0.05 | 0.05 | 7000 | 7200 | 0.25 | 0.5 | 0.06 | 0.13 |
| | % of values undetected | 33% | 50% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 100% | 67% | 67% | 67% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| SP117 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 16 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.2 | 0.05 | 0.05 | 2100 | 2600 | 0.05 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 33 | 20 | 0.2 | 0.2 | 0.25 | 0.25 | 2.3 | 2.2 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 2200 | 2700 | 0.25 | 0.25 | 0.025 | 0.07 |
| | 10/22/07 | 35 | 25 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 1900 | 2500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 28 | 22 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.2 | 0.05 | 0.05 | 20 | 20 | 0.7 | 0.7 | 0.05 | 0.05 | 2100 | 2600 | 0.18 | 0.3 | 0.025 | 0.04 |
| | Median | 33 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.2 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 2100 | 2600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 10 | 3 | 0 | 0 | 0 | 0 | 0.3 | NA | 0 | 0 | 0 | 0 | 0.6 | 0.4 | 0 | 0 | 200 | 100 | 0.12 | 0.09 | 0 | 0.026 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 16 | 20 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.2 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 1900 | 2500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 35 | 25 | 0.2 | 0.2 | 0.25 | 0.25 | 2.3 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.2 | 0.05 | 0.05 | 2200 | 2700 | 0.25 | 0.4 | 0.025 | 0.07 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | | 100% | 67% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | 1 | | 1 |
| SP118 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 20 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 1500 | 2100 | 0.1 | 0.6 | 0.025 | 0.025 |
| | 09/05/07 | 33 | 35 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 1700 | 2500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 38 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | 1.4 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 1300 | 1300 | 0.25 | 0.05 | 0.025 | 0.025 |
| | Mean | 30 | 27 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 1.6 | 0.05 | 0.05 | 20 | 20 | 1 | 0.8 | 0.05 | 0.05 | 1500 | 2000 | 0.13 | 0.3 | 0.025 | 0.025 |
| | Median | 33 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | 1.55 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 1500 | 2100 | 0.1 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 9 | 7 | 0 | 0 | 0 | 0 | 0.6 | 0.2 | 0 | 0 | 0 | 0 | 0.4 | 0.5 | 0 | 0 | 200 | 600 | 0.1 | 0.28 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 20 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | 1.4 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 1300 | 1300 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 38 | 35 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 1700 | 2500 | 0.25 | 0.6 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 67% | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP116 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 1 | 1.1 | 50 | 50 | 0.05 | 0.05 | 1300 | 1000 | 2.2 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.2 | 0.3 | 9800 | 0.025 | 0.025 |
| | 09/07/07 | 0.8 | 0.6 | 10 | 25 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 600 | 0.3 | 0.3 | 9900 | 0.025 | 0.025 |
| | 10/27/07 | 0.6 | 0.8 | 10 | 10 | 0.05 | 0.25 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 500 | 0.25 | 0.25 | 9400 | 0.15 | 0.05 |
| | Mean | 0.8 | 0.8 | 23 | 28 | 0.05 | 0.12 | 1300 | 1300 | 0.9 | 0.25 | 0.0017 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 700 | 0.25 | 0.28 | 9700 | 0.07 | 0.033 |
| | Median | 0.8 | 0.8 | 10 | 25 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 600 | 0.25 | 0.3 | 9800 | 0.025 | 0.025 |
| | St. Deviation | 0.2 | 0.3 | 23 | 20 | 0 | 0.12 | 100 | 300 | 1.1 | 0 | 0.0013 | 0 | 0 | 0 | 0 | 300 | 300 | 0.05 | 0.03 | 300 | 0.07 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.6 | 0.6 | 10 | 10 | 0.05 | 0.05 | 1300 | 1000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 500 | 0.2 | 0.25 | 9400 | 0.025 | 0.025 |
| | Maximum | 1 | 1.1 | 50 | 50 | 0.05 | 0.25 | 1400 | 1500 | 2.2 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.3 | 0.3 | 9900 | 0.15 | 0.05 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | | | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 33% | 33% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | 1 | 1 | | | | | | | 2 | 2 | 2 | 2 | | | |
| SP117 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.25 | 0.6 | 10 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.00046 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 200 | 400 | 0.25 | 0.5 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.25 | 200 | 400 | 1.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.37 | 20 | 10 | 0.05 | 0.12 | 170 | 370 | 0.7 | 0.33 | 0.001 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3800 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 200 | 400 | 0.25 | 0.25 | 0.00046 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.2 | 9 | 0 | 0 | 0.12 | 60 | 60 | 0.7 | 0.14 | 0.0013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.6 | 25 | 10 | 0.05 | 0.25 | 200 | 400 | 1.5 | 0.5 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | % of values undetected | 100% | 67% | 100% | 100% | 100% | 100% | 33% | | 100% | 67% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | 2 | 3 | | 1 | 1 | | | | | | | | | | | |
| SP118 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/10/07 | 0.25 | 0.7 | 50 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.000495 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.1 | 200 | 400 | 0.25 | 0.25 | 0.00154 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 1 | 10 | 10 | 0.05 | 0.25 | 100 | 100 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 300 | 0.05 | 0.05 | 2600 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.7 | 30 | 10 | 0.05 | 0.13 | 130 | 270 | 0.25 | 0.25 | 0.00151 | 0.25 | 0.25 | 0.3 | 0.3 | 200 | 200 | 0.05 | 0.05 | 2900 | 0.025 | 0.025 |
| | Median | 0.25 | 0.7 | 30 | 10 | 0.05 | 0.1 | 100 | 300 | 0.25 | 0.25 | 0.00154 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.4 | 20 | 0 | 0 | 0.1 | 60 | 150 | 0 | 0 | 0.001 | 0 | 0 | 0 | 0 | 90 | 90 | 0 | 0 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000495 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2600 | 0.025 | 0.025 |
| | Maximum | 0.25 | 1 | 50 | 10 | 0.05 | 0.25 | 200 | 400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 300 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | % of values undetected | 100% | 33% | 33% | 100% | 100% | 67% | 67% | 33% | 100% | 100% | 33% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 2 | 1 | | | | 1 | 1 | | | 2 | | | | | 1 | 1 | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP116 | | | | | | | | | | | |
| | 08/10/07 | 3500 | 3000 | 0.05 | 0.5 | 0.05 | 0.05 | 0.5 | 0.2 | 2 | 3 |
| | 09/07/07 | 3500 | 3600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/27/07 | 3700 | 3600 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 3600 | 3400 | 0.12 | 0.27 | 0.05 | 0.05 | 0.23 | 0.27 | 1.3 | 3 |
| | Median | 3500 | 3600 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 3 |
| | St. Deviation | 100 | 300 | 0.12 | 0.23 | 0 | 0 | 0.23 | 0.21 | 0.6 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3500 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 3700 | 3600 | 0.25 | 0.5 | 0.05 | 0.05 | 0.5 | 0.5 | 2 | 5 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 67% | 67% | 67% |
| | # of values between MDL and PQL | | 1 | | | | | | 1 | 1 | 1 |
| SP117 | | | | | | | | | | | |
| | 08/10/07 | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/05/07 | 1400 | 1500 | 0.25 | 0.7 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | 10/22/07 | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1300 | 1400 | 0.12 | 0.27 | 0.05 | 0.05 | 0.23 | 0.23 | 1 | 1 |
| | Median | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.12 | 0.38 | 0 | 0 | 0.23 | 0.23 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1400 | 1500 | 0.25 | 0.7 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | 1 | | |
| SP118 | | | | | | | | | | | |
| | 08/10/07 | 1000 | 1200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/05/07 | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/27/07 | 1100 | 1100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1100 | 1200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.23 | 0.1 | 1 | 2.3 |
| | Median | 1100 | 1200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 200 | 0 | 0 | 0 | 0 | 0.23 | 0 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1000 | 1100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP1205 | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 47.1 | 105 | 77.5 | 0.404 | 0.785 | 0.777 | | | 0.117 | | 0.827 | 0.05 | 3.08 | 0.00125 | 0.00125 | 0.41 | 0.0155 | |
| | 10/06/05 | 45.5 | 95 | 61 | 2.44 | 0.785 | 0.439 | | | 0.013 | | 0.827 | 0.05 | 3.19 | 0.00125 | 0.00125 | 0.75 | 0.043 | |
| | 03/17/06 | 45.7 | 105 | 66.2 | 1.8 | 4.5 | 1.24 | | | 0.008 | | 0.839 | 0.0155 | 3.99 | 0.00125 | 0.00125 | 0.155 | 0.057 | |
| | 06/29/06 | 44.1 | 80.0 | 66.2 | 5.11 | 0.785 | 0.479 | 0.0155 | 0.454 | 0.0180 | 0.0700 | 0.834 | 0.0650 | 3.06 | 0.0025 | 0.00075 | 0.155 | 0.0155 | |
| | 08/26/06 | 43.2 | 85.0 | 76.3 | 0.300 | 4.25 | 0.389 | 0.0155 | 0.382 | 0.0046 | 0.0155 | 0.824 | 0.0660 | 3.09 | 0.0025 | 0.00075 | 0.155 | 0.0155 | |
| | 10/05/06 | 43.4 | 90.0 | 67.5 | 0.316 | 1.57 | 0.377 | 0.0155 | 0.356 | 0.0130 | 0.100 | 0.840 | 0.0600 | 3.33 | 0.00075 | 0.0020 | 0.155 | 0.050 | |
| | 03/25/07 | 47.7 | 90.0 | 61.2 | 0.842 | 1.57 | 0.465 | 0.0155 | 0.436 | 0.0080 | 0.0400 | 0.880 | 0.0500 | 3.31 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/25/07 | 44.9 | 100 | 68.8 | 0.1745 | 1.57 | 0.464 | | | 0.0260 | | 0.857 | 0.0580 | 3.24 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/04/07 | 46 | 108 | 70 | 2.5 | 1 | 0.47 | | | 0.01 | | 1.3 | 0.05 | 3.3 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/08/07 | 49 | 106 | 70 | 2.5 | 1 | 0.46 | | | 0.005 | | 1.0 | 0.05 | 3.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/20/07 | 44 | 96 | 60 | 2.5 | 1 | 0.49 | | | 0.01 | | 1.0 | 0.05 | 2.9 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 45.5 | 100 | 67.7 | 1.72 | 1.71 | 0.55 | 0.0155 | 0.407 | 0.02 | 0.06 | 0.91 | 0.051 | 3.26 | 0.0017 | 0.003 | 0.204 | 0.04 | |
| | Median | 45.5 | 96 | 67.5 | 1.8 | 1 | 0.465 | 0.0155 | 0.409 | 0.01 | 0.06 | 0.84 | 0.05 | 3.24 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 1.8 | 10 | 5.8 | 1.51 | 1.36 | 0.25 | 0 | 0.046 | 0.03 | 0.04 | 0.14 | 0.013 | 0.28 | 0.0008 | 0.004 | 0.206 | 0.04 | |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | 11 | 4 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | Minimum | 43.2 | 80 | 60 | 0.1745 | 0.785 | 0.377 | 0.0155 | 0.356 | 0.0046 | 0.0155 | 0.824 | 0.0155 | 2.9 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 49 | 108 | 77.5 | 5.11 | 4.5 | 1.24 | 0.0155 | 0.454 | 0.117 | 0.1 | 1.3 | 0.066 | 3.99 | 0.0025 | 0.015 | 0.75 | 0.15 | |
| | % of values undetected | | | | 36% | 82% | | 100% | | 9% | 25% | | 55% | | 100% | 91% | 82% | 82% | |
| | # of values between MDL and PQL | | | | 4 | 2 | | | | 6 | 2 | 3 | 5 | 1 | | 1 | 2 | 2 | |
| SP1305 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 13.3 | 130 | 87.5 | 0.2 | 0.785 | 0.301 | | | 0.061 | | 0.798 | 0.0155 | 5.65 | 0.00125 | 0.00125 | 0.49 | 0.0155 | |
| | 10/06/05 | 66.6 | 135 | 82 | 0.0775 | 0.785 | 0.22 | | | 0.0057 | | 0.774 | 0.05 | 6.37 | 0.00125 | 0.00125 | 0.23 | 0.0155 | |
| | 03/17/06 | 56.9 | 120 | 67.5 | 3.6 | 0.785 | 0.203 | | | 0.033 | | 0.784 | 0.0155 | 6.64 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | 06/29/06 | 58.8 | 125 | 76.2 | 0.300 | 0.785 | 0.145 | 0.0155 | 0.115 | 0.0050 | 0.0700 | 0.787 | 0.0560 | 6.34 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/26/06 | 60.8 | 125 | 102 | 0.500 | 1.57 | 0.163 | 0.0155 | 0.163 | 0.00155 | 0.0500 | 0.781 | 0.0490 | 6.08 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/05/06 | 57.4 | 120 | 53.8 | 0.729 | 1.57 | 0.167 | 0.0155 | 0.147 | 0.00155 | 0.0800 | 0.786 | 0.0510 | 5.85 | 0.00075 | 0.0030 | 0.155 | 0.050 | |
| | 03/25/07 | 62.0 | 130 | 156 | 7.58 | 1.57 | 0.204 | 0.050 | 0.172 | 0.0120 | 0.050 | 0.807 | 0.0430 | 5.78 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/24/07 | 59.8 | 120 | 82.5 | 0.158 | 1.57 | 0.243 | | | 0.00155 | | 0.796 | 0.0500 | 5.52 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/04/07 | 56 | 131 | 80 | 2.5 | 1 | 0.19 | | | 0.005 | | 1.4 | 0.05 | 5.5 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 61 | 124 | 90 | 2.5 | 1 | 0.18 | | | 0.005 | | 1.0 | 0.05 | 5.8 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/25/07 | 60 | 126 | 70 | 2.5 | 1 | 0.17 | | | 0.005 | | 0.9 | 0.05 | 5.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 55.7 | 126 | 86 | 1.9 | 1.13 | 0.199 | 0.0241 | 0.149 | 0.012 | 0.063 | 0.87 | 0.044 | 5.87 | 0.0014 | 0.003 | 0.164 | 0.0244 | |
| | Median | 59.8 | 125 | 82 | 0.729 | 1 | 0.19 | 0.0155 | 0.155 | 0.005 | 0.06 | 0.796 | 0.05 | 5.8 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | St. Deviation | 14.4 | 5 | 26 | 2.3 | 0.36 | 0.044 | 0.0173 | 0.025 | 0.018 | 0.015 | 0.19 | 0.014 | 0.47 | 0.0007 | 0.004 | 0.123 | 0.0134 | |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | 11 | 4 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | Minimum | 13.3 | 120 | 53.8 | 0.0775 | 0.785 | 0.145 | 0.0155 | 0.115 | 0.00155 | 0.05 | 0.774 | 0.0155 | 5 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 66.6 | 135 | 156 | 7.58 | 1.57 | 0.301 | 0.05 | 0.172 | 0.061 | 0.08 | 1.4 | 0.056 | 6.64 | 0.0025 | 0.015 | 0.49 | 0.05 | |
| | % of values undetected | | | | 45% | 100% | | 100% | | 55% | 25% | | 55% | | 100% | 91% | 82% | 100% | |
| | # of values between MDL and PQL | | | | 2 | | | | | 2 | 3 | 3 | 5 | | | 1 | 2 | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1205 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 10.9 | 3.45 | 0.126 | 0.13 | 6.36 | 6.78 | 3.79 | 4 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 15400 | 16000 | 0.989 | 1.08 | 0.0242 | 0.0264 |
| | 10/06/05 | 6.75 | 1.99 | 0.128 | 0.132 | 6.38 | 5.89 | 3.67 | 3.47 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 15000 | 13800 | 1.14 | 0.893 | 0.035 | 0.0442 |
| | 03/17/06 | 18.8 | 2.87 | 0.119 | 0.106 | 4.02 | 4.32 | 4.67 | 4.95 | 0.012 | 0.012 | 0.0075 | 0.0075 | 0.75 | 2.5 | 0.0125 | 0.0125 | 14700 | 15900 | 0.956 | 0.95 | 0.024 | 0.0296 |
| | 06/29/06 | 67.8 | 2.09 | 0.155 | 0.158 | 7.20 | 6.62 | 4.23 | 4.07 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 1.64 | 1.90 | 0.0125 | 0.0125 | 14500 | 14500 | 1.42 | 1.26 | 0.0666 | 0.0484 |
| | 08/26/06 | 78.8 | 4.13 | 0.136 | 0.133 | 5.16 | 4.07 | 5.39 | 4.74 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 13900 | 13800 | 0.845 | 0.723 | 0.0422 | 0.0298 |
| | 10/05/06 | 2.17 | 2.04 | 0.118 | 0.155 | 5.62 | 6.04 | 3.58 | 4.19 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 14600 | 13800 | 0.574 | 0.710 | 0.0218 | 0.0270 |
| | 03/25/07 | 11.5 | 2.41 | 0.158 | 0.181 | 6.13 | 6.08 | 4.46 | 4.23 | 0.0125 | 0.0125 | 0.0075 | 0.0152 | 1.25 | 1.25 | 0.0075 | 0.0075 | 15500 | 14400 | 0.799 | 0.656 | 0.0232 | |
| | 05/25/07 | 2.70 | 1.00 | 0.164 | 0.159 | 5.87 | 5.66 | 4.08 | 4.92 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 14700 | 14900 | 0.663 | 0.705 | 0.0198 | 0.0238 |
| | 08/04/07 | 3 | 7 | 0.2 | 0.2 | 6.1 | 6.9 | 4.1 | 4.7 | 0.05 | 0.05 | 20 | 20 | 1.6 | | 0.05 | 0.05 | 16500 | 15200 | 1 | 0.6 | 0.07 | 0.06 |
| | 09/08/07 | 15 | 2.5 | 0.2 | 0.2 | 6.1 | 6 | 4.1 | 4.6 | 0.05 | 0.05 | 20 | 20 | 2.6 | 2.1 | 0.05 | 0.05 | 16500 | 16000 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/20/07 | 9 | 8 | 0.2 | 0.2 | 5.9 | 5.2 | 4.6 | 5.5 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.5 | 0.05 | 0.05 | 14000 | 14600 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 20.6 | 3.41 | 0.155 | 0.159 | 5.89 | 5.78 | 4.24 | 4.49 | 0.022 | 0.022 | 5 | 5 | 1.69 | 2 | 0.022 | 0.022 | 15000 | 14800 | 0.82 | 0.73 | 0.0343 | 0.0339 |
| | Median | 10.9 | 2.5 | 0.155 | 0.158 | 6.1 | 6 | 4.1 | 4.6 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.525 | 0.0125 | 0.0125 | 14700 | 14600 | 0.845 | 0.71 | 0.025 | 0.0283 |
| | St. Deviation | 26.7 | 2.19 | 0.033 | 0.033 | 0.8 | 0.93 | 0.52 | 0.56 | 0.018 | 0.018 | 9 | 9 | 1.22 | 1.2 | 0.0184 | 0.0184 | 900 | 900 | 0.36 | 0.31 | 0.018 | 0.0125 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 |
| | Minimum | 2.17 | 1 | 0.118 | 0.106 | 4.02 | 4.07 | 3.58 | 3.47 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.5 | 1.25 | 0.0075 | 0.0075 | 13900 | 13800 | 0.05 | 0.25 | 0.0198 | 0.0238 |
| | Maximum | 78.8 | 8 | 0.2 | 0.2 | 7.2 | 6.9 | 5.39 | 5.5 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.05 | 0.05 | 16500 | 16000 | 1.42 | 1.26 | 0.07 | 0.06 |
| | % of values undetected | | 18% | 27% | 27% | | | | | 100% | 100% | 100% | 91% | 73% | 70% | 100% | 100% | | | 9% | 18% | 18% | 20% |
| | # of values between MDL and PQL | 1 | 1 | | | | | | | | | | 1 | 1 | 1 | | | | | | | 2 | 1 |
| SP1305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 6.29 | 2.45 | 0.0794 | 0.0826 | 1.09 | 0.909 | 5.52 | 5.53 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 20400 | 21400 | 0.87 | 0.864 | 0.033 | 0.0358 |
| | 10/06/05 | 5.21 | 1.73 | 0.0806 | 0.0592 | 1.03 | 0.774 | 5.65 | 4.47 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 21700 | 16800 | 1.01 | 0.425 | 0.0428 | 0.046 |
| | 03/17/06 | 35 | 2.17 | 0.0808 | 0.0824 | 0.888 | 1.16 | 5.67 | 5.17 | 0.012 | 0.012 | 0.0075 | 0.0075 | 0.75 | 2.5 | 0.0125 | 0.0125 | 18300 | 18100 | 0.78 | 0.743 | 0.0356 | 0.0294 |
| | 06/29/06 | 17.0 | 2.12 | 0.0954 | 0.111 | 0.711 | 0.742 | 5.76 | 6.37 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 2.23 | 2.08 | 0.0125 | 0.0125 | 19000 | 18900 | 0.857 | | 0.103 | 0.0560 |
| | 08/26/06 | 5.71 | 1.86 | 0.0806 | 0.0678 | 0.988 | 0.595 | 5.24 | 4.99 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 19500 | 17200 | 0.857 | 0.769 | 0.0414 | 0.0065 |
| | 10/05/06 | 1.00 | 1.00 | 0.0518 | 0.0075 | 0.449 | 0.766 | 5.06 | 5.58 | 0.0125 | 0.0125 | 0.0075 | 0.0162 | 1.25 | 3.03 | 0.0185 | | 18800 | 19100 | 0.365 | | 0.0294 | 0.0330 |
| | 03/25/07 | 89.2 | 4.32 | 0.102 | 0.101 | 1.10 | 1.04 | 7.37 | 5.38 | 0.0125 | 0.0125 | 0.0075 | 0.0154 | 1.25 | 1.25 | 0.0075 | 0.0075 | 20000 | 18400 | 0.621 | 0.523 | 0.0646 | 0.0772 |
| | 05/24/07 | 4.61 | 2.21 | 0.0850 | 0.103 | 0.724 | 0.840 | 5.49 | 6.26 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 19100 | 19600 | 0.843 | | 0.0306 | 0.0418 |
| | 08/04/07 | 8 | 9 | 0.2 | 0.2 | 0.9 | 1.1 | 5.1 | 6 | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.6 | 0.05 | 0.05 | 20000 | 18200 | 0.8 | 0.6 | 0.025 | 0.025 |
| | 09/06/07 | 8 | 2.5 | 0.2 | 0.2 | 1.1 | 1 | 5.1 | 5.4 | 0.05 | 0.05 | 20 | 20 | 2.7 | 2 | 0.05 | 0.05 | 19000 | 19800 | 0.05 | 0.6 | 0.14 | 0.025 |
| | 10/25/07 | 19 | 2.5 | 0.2 | 0.2 | 1.2 | 0.9 | 6.1 | 7 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2.3 | 0.05 | 0.05 | 18400 | 19300 | 0.7 | 0.25 | 0.07 | 0.06 |
| | Mean | 18 | 2.9 | 0.114 | 0.11 | 0.93 | 0.89 | 5.64 | 5.65 | 0.022 | 0.022 | 5 | 5 | 1.63 | 1.94 | 0.022 | 0.022 | 19500 | 18800 | 0.7 | 0.6 | 0.056 | 0.04 |
| | Median | 8 | 2.21 | 0.085 | 0.101 | 0.988 | 0.9 | 5.52 | 5.53 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.55 | 2 | 0.0125 | 0.0125 | 19100 | 18900 | 0.8 | 0.6 | 0.0414 | 0.0358 |
| | St. Deviation | 25 | 2.18 | 0.056 | 0.064 | 0.22 | 0.17 | 0.66 | 0.71 | 0.018 | 0.018 | 9 | 9 | 0.58 | 0.62 | 0.0184 | 0.019 | 1000 | 1300 | 0.27 | 0.2 | 0.036 | 0.02 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 8 | 11 | 11 |
| | Minimum | 1 | 1 | 0.0518 | 0.0075 | 0.449 | 0.595 | 5.06 | 4.47 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.25 | 0.0075 | 0.0075 | 18300 | 16800 | 0.05 | 0.25 | 0.025 | 0.0065 |
| | Maximum | 89.2 | 9 | 0.2 | 0.2 | 1.2 | 1.16 | 7.37 | 7 | 0.05 | 0.05 | 20 | 20 | 2.7 | 3.03 | 0.05 | 0.05 | 21700 | 21400 | 1.01 | 0.864 | 0.14 | 0.0772 |
| | % of values undetected | 9% | 27% | 27% | 36% | | | | | 100% | 100% | 100% | 82% | 64% | 55% | 100% | 100% | | | 9% | 13% | 9% | 27% |
| | # of values between MDL and PQL | | 2 | | | 2 | 1 | | | | | | 2 | 1 | 2 | | | | | | | 2 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1205 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.116 | 0.188 | 10 | 10 | 0.0155 | 0.05 | 2070 | 2150 | 0.41 | 0.1 | 0.0025 | 0.462 | 0.485 | 0.537 | 0.613 | 574 | 603 | 0.0775 | 0.0775 | 5930 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.134 | 0.181 | 14.1 | 10 | 0.0155 | | 1940 | 1720 | 0.244 | 0.1 | 0.000450 | 0.452 | 0.387 | 0.508 | | 539 | 525 | 0.0775 | 0.0775 | 6530 | 0.0031 | 0.0031 |
| | 03/17/06 | 0.12 | 0.161 | 11.8 | 3.1 | 0.025 | | 2190 | 2360 | 0.539 | 0.0634 | 0.000475 | 0.568 | 0.622 | 0.392 | | 492 | 539 | 0.155 | 0.155 | 5110 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.263 | 0.233 | 58.0 | 10.7 | 1.52 | 0.678 | 1870 | 1920 | 3.44 | 0.115 | 0.000475 | 0.409 | 0.412 | 0.825 | | 568 | 586 | 0.155 | 0.155 | 6570 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.224 | 0.259 | 80.5 | 34.1 | 0.507 | 0.105 | 2080 | 2260 | 2.40 | 0.0878 | 0.000475 | 0.473 | 0.492 | 0.431 | 0.307 | 549 | 508 | 0.155 | 0.155 | 6640 | 0.0031 | 0.0031 |
| | 10/05/06 | 0.050 | 0.161 | 44.5 | 37.1 | 0.185 | 0.228 | 1690 | 1830 | 0.0250 | | 0.000475 | 0.420 | 0.494 | 0.335 | 0.422 | 491 | 533 | 0.155 | 0.155 | 5750 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.114 | | 13.2 | 3.10 | 0.0155 | 0.050 | 2180 | 2140 | 0.357 | | 0.000169 | 0.507 | 0.499 | 0.628 | | 550 | 535 | 0.155 | 0.155 | 6350 | 0.0031 | 0.0031 |
| | 05/25/07 | 0.122 | 0.159 | 43.3 | 34.5 | 0.0155 | 0.0155 | 2030 | 1990 | 0.0250 | | 0.000169 | 0.475 | 0.489 | 0.376 | 0.487 | 522 | 543 | 0.155 | 0.155 | 5660 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1900 | 2000 | 0.25 | 0.25 | 0.000169 | 0.6 | 0.6 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 6200 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2100 | 2100 | 0.25 | 0.25 | 0.0025 | 1.5 | 0.25 | 0.3 | 0.3 | 600 | 700 | 0.05 | 0.05 | 6000 | 0.025 | 0.025 |
| | 10/20/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1800 | 1900 | 0.25 | 0.25 | 0.000415 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 600 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | Mean | 0.172 | 0.21 | 27.8 | 16 | 0.22 | 0.142 | 1990 | 2030 | 0.7 | 0.15 | 0.00075 | 0.56 | 0.453 | 0.448 | 0.39 | 580 | 529 | 0.112 | 0.112 | 6110 | 0.009 | 0.009 |
| | Median | 0.134 | 0.2105 | 13.2 | 10 | 0.05 | 0.05 | 2030 | 2000 | 0.25 | 0.1075 | 0.0004745 | 0.473 | 0.489 | 0.392 | 0.307 | 549 | 539 | 0.155 | 0.155 | 6200 | 0.0031 | 0.0031 |
| | St. Deviation | 0.076 | 0.04 | 24.8 | 13 | 0.45 | 0.21 | 160 | 190 | 1.1 | 0.08 | 0.00087 | 0.33 | 0.121 | 0.165 | 0.12 | 140 | 137 | 0.05 | 0.05 | 480 | 0.01 | 0.01 |
| | # of values | 11 | 10 | 11 | 11 | 11 | 9 | 11 | 11 | 11 | 8 | 11 | 11 | 11 | 11 | 7 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | Minimum | 0.05 | 0.159 | 10 | 3.1 | 0.0155 | 0.0155 | 1690 | 1720 | 0.025 | 0.0634 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 491 | 150 | 0.05 | 0.05 | 5110 | 0.0031 | 0.0031 |
| | Maximum | 0.263 | 0.259 | 80.5 | 37.1 | 1.52 | 0.678 | 2190 | 2360 | 3.44 | 0.25 | 0.0025 | 1.5 | 0.622 | 0.825 | 0.613 | 1000 | 700 | 0.155 | 0.155 | 6640 | 0.025 | 0.025 |
| | % of values undetected | 36% | 30% | 36% | 64% | 73% | 67% | | | 45% | 63% | 91% | 18% | 18% | 27% | 43% | 9% | 9% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 3 | 2 | | | | | | | 1 | 1 | 1 | | | 2 | 2 | | | | | |
| SP1305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.15 | 0.205 | 10 | 10 | 0.0155 | | 2980 | 2950 | 0.375 | 0.031 | 0.000450 | 0.357 | 0.379 | 0.688 | | 554 | 564 | 0.0775 | 0.0775 | 5940 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.524 | 0.155 | 9.89 | 3.1 | 0.0155 | | 3050 | 2320 | 0.152 | 0.1 | 0.000450 | 0.328 | 0.285 | 0.725 | 0.818 | 523 | 432 | 0.0775 | 0.0775 | 6800 | 0.0031 | 0.0031 |
| | 03/17/06 | 0.144 | 0.18 | 31.3 | 3.1 | 0.025 | | 2740 | 2680 | 2.15 | 0.0664 | 0.000475 | 0.334 | 0.335 | 0.524 | | 455 | 466 | 0.155 | 0.155 | 5990 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.406 | 0.328 | 23.8 | 11.6 | 0.271 | | 2740 | 2940 | 0.878 | 0.0796 | 0.000475 | 0.316 | 0.323 | 0.956 | | 496 | 533 | 0.155 | 0.155 | 6750 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.182 | 0.186 | 7.43 | | 0.370 | 0.0930 | 2950 | 2370 | 0.182 | 0.0840 | 0.0025 | 0.307 | 0.302 | 0.653 | 0.700 | 519 | 455 | 0.155 | 0.155 | 5320 | 0.0031 | 0.0031 |
| | 10/05/06 | 0.101 | | 60.7 | 14.6 | 0.0155 | 0.0155 | 2520 | 2830 | 0.0125 | | 0.000475 | 0.330 | 0.363 | 0.403 | | 444 | | 0.155 | 0.155 | 6140 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.379 | | 81.9 | 3.10 | 0.105 | 0.050 | 2900 | 2720 | 8.92 | 1.79 | 0.000169 | 0.316 | 0.357 | 0.677 | | 499 | 475 | 0.155 | 0.155 | 6010 | 0.0031 | 0.0031 |
| | 05/24/07 | 0.118 | 0.197 | 67.8 | 70.5 | 0.0155 | 0.050 | 2920 | 3160 | 0.248 | 0.290 | 0.000169 | 0.359 | 0.397 | 0.428 | | 496 | 580 | 0.155 | 0.155 | 6630 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 2700 | 2600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 70 | 0.05 | 0.05 | 2700 | 2800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 700 | 500 | 0.1 | 0.05 | 5900 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.25 | 2500 | 2800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.7 | 1.1 | 800 | 500 | 0.05 | 0.05 | 6800 | 0.025 | 0.025 |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | Mean | 0.25 | 0.22 | 32.1 | 21 | 0.089 | 0.08 | 2790 | 2740 | 1.24 | 0.3 | 0.00073 | 0.309 | 0.317 | 0.69 | 0.6 | 590 | 550 | 0.117 | 0.112 | 6250 | 0.009 | 0.009 |
| | Median | 0.25 | 0.205 | 25 | 10 | 0.05 | 0.05 | 2740 | 2800 | 0.25 | 0.175 | 0.0004495 | 0.316 | 0.323 | 0.677 | 0.7 | 519 | 500 | 0.155 | 0.155 | 6140 | 0.0031 | 0.0031 |
| | St. Deviation | 0.135 | 0.05 | 26.1 | 26 | 0.119 | 0.08 | 180 | 250 | 2.62 | 0.5 | 0.00089 | 0.041 | 0.054 | 0.33 | 0.3 | 170 | 160 | 0.046 | 0.05 | 480 | 0.01 | 0.01 |
| | # of values | 11 | 9 | 11 | 10 | 11 | 7 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 5 | 11 | 10 | 11 | 11 | 11 | 11 | 11 |
| | Minimum | 0.101 | 0.155 | 7.43 | 3.1 | 0.0155 | 0.0155 | 2500 | 2320 | 0.0125 | 0.031 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 444 | 432 | 0.05 | 0.05 | 5320 | 0.0031 | 0.0031 |
| | Maximum | 0.524 | 0.328 | 81.9 | 70.5 | 0.37 | 0.25 | 3050 | 3160 | 8.92 | 1.79 | 0.0025 | 0.359 | 0.397 | 1.5 | 1.1 | 1000 | 1000 | 0.155 | 0.155 | 6800 | 0.025 | 0.025 |
| | % of values undetected | 27% | 33% | 36% | 60% | 73% | 86% | | | 36% | 50% | 100% | 27% | 27% | 18% | 40% | 9% | 10% | 91% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | 2 | | 1 | | | 1 | | | | | 1 | 1 | 2 | 2 | 1 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1205 | | | | | | | | | | | |
| | 07/20/05 | 2810 | 2900 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.29 | 1.45 | 10.9 | 3.4 |
| | 10/06/05 | 2660 | 2370 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.11 | 0.871 | 3.18 | 0.954 |
| | 03/17/06 | 2780 | 3090 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.571 | 0.799 | 0.879 | |
| | 06/29/06 | 2580 | 2640 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.910 | 1.12 | 2.06 | 1.66 |
| | 08/26/06 | 2740 | 3040 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.742 | 0.586 | 1.69 | 2.56 |
| | 10/05/06 | 2280 | 2470 | 0.0050 | 0.0114 | 0.050 | 0.050 | 0.805 | 0.579 | 0.50 | |
| | 03/25/07 | 2850 | 2800 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.802 | 0.886 | 1.52 | |
| | 05/25/07 | 2590 | 2560 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.821 | 0.826 | 0.50 | |
| | 08/04/07 | 2500 | 2600 | 0.3 | 0.3 | 0.05 | 0.05 | 1.1 | 1.3 | 1 | 1 |
| | 09/08/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.9 | 1 | 5 | 1 |
| | 10/20/07 | 2400 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 1.1 | 1 | 5 |
| | | | | | | | | | | | |
| | Mean | 2640 | 2720 | 0.04 | 0.04 | 0.04 | 0.04 | 0.87 | 0.96 | 2.6 | 2.22 |
| | Median | 2660 | 2640 | 0.005 | 0.005 | 0.05 | 0.05 | 0.821 | 0.886 | 1.52 | 1.66 |
| | St. Deviation | 180 | 230 | 0.09 | 0.09 | 0.014 | 0.014 | 0.23 | 0.27 | 3.1 | 1.53 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 7 |
| | Minimum | 2280 | 2370 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.5 | 0.579 | 0.5 | 0.954 |
| | Maximum | 2850 | 3090 | 0.3 | 0.3 | 0.05 | 0.05 | 1.29 | 1.45 | 10.9 | 5 |
| | % of values undetected | | | 91% | 82% | 100% | 100% | 9% | | 45% | 43% |
| | # of values between MDL and PQL | | | 1 | 2 | | | 5 | 4 | | 1 |
| SP1305 | | | | | | | | | | | |
| | 07/19/05 | 3390 | 3380 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.48 | 0.27 | 12.5 | |
| | 10/06/05 | 3310 | 2550 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 1.78 | 0.912 |
| | 03/17/06 | 3060 | 2990 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.25 | 0.25 | 0.628 | 1.1 |
| | 06/29/06 | 3030 | 3260 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.110 | 0.110 | 1.84 | 1.50 |
| | 08/26/06 | 3260 | 2600 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 3.05 | 1.94 |
| | 10/05/06 | 2740 | 3130 | 0.0050 | 0.0254 | 0.050 | 0.170 | 0.250 | 0.250 | 0.50 | |
| | 03/25/07 | 3110 | 3000 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.347 | 0.155 | 0.50 | |
| | 05/24/07 | 3170 | 3460 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | 1.17 |
| | 08/04/07 | 2900 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 1 | 1 |
| | 09/06/07 | 3000 | 3200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 5 | 1 |
| | 10/25/07 | 2800 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | | | | | | | | | | | |
| | Mean | 3070 | 3050 | 0.016 | 0.018 | 0.04 | 0.05 | 0.29 | 0.19 | 3 | 1.2 |
| | Median | 3060 | 3100 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.155 | 1 | 1.05 |
| | St. Deviation | 210 | 290 | 0.022 | 0.021 | 0.014 | 0.04 | 0.15 | 0.08 | 4 | 0.3 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 8 |
| | Minimum | 2740 | 2550 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 0.912 |
| | Maximum | 3390 | 3460 | 0.05 | 0.05 | 0.05 | 0.17 | 0.5 | 0.3 | 12.5 | 1.94 |
| | % of values undetected | | | 100% | 91% | 100% | 91% | 73% | 82% | 55% | 38% |
| | # of values between MDL and PQL | | | | | | 1 | 2 | 2 | | 1 |

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December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP1405 | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 18.9 | 55.0 | 52.5 | 0.421 | 1.57 | 0.621 | | | 0.0155 | | 0.948 | 0.050 | 2.74 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/16/04 | 30.4 | 90 | 56.3 | 0.211 | 1.57 | | | | 0.0155 | | 1.06 | | 7.77 | 0.0026 | 0.00125 | 0.28 | 0.042 | |
| | 07/18/05 | 36.5 | 95 | 58.7 | 0.075 | 0.785 | 1.31 | | | 0.05 | | 0.843 | 0.034 | 7.09 | 0.00125 | 0.00125 | 0.43 | 0.0155 | |
| | 10/06/05 | 36 | 85 | 58.7 | 0.075 | 4.13 | 0.285 | | | 0.0057 | | 0.791 | 0.05 | 7.29 | 0.00125 | 0.00125 | 0.12 | 0.0155 | |
| | 03/17/06 | 32.4 | 80 | 67.5 | 0.2 | 3.5 | 1.08 | | | 0.004 | | 0.8 | 0.0155 | 7.19 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | 06/28/06 | 31.8 | 80.0 | 65.0 | 0.075 | 3.75 | 0.240 | 0.050 | 0.199 | 0.0130 | 0.120 | 0.767 | 0.0430 | 6.87 | 0.00105 | 0.00075 | 0.155 | 0.0155 | |
| | 08/26/06 | 35.8 | 80.0 | 73.7 | 0.700 | 3.25 | 0.227 | 0.0595 | 0.167 | 0.0046 | 0.0155 | 0.773 | 0.0740 | 7.14 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/02/06 | 34.2 | 80.0 | 62.5 | 0.075 | 3.75 | 0.214 | 0.0155 | 0.214 | 0.00155 | 0.0700 | 0.806 | 0.0540 | 7.25 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 03/25/07 | 34.8 | 75.0 | 53.7 | 0.0815 | 1.57 | 0.267 | 0.0155 | 0.238 | 0.00155 | 0.0400 | 0.835 | 0.0440 | 6.97 | 0.0025 | 0.0025 | 0.155 | 0.0155 | |
| | 05/24/07 | 34.1 | 80.0 | 48.8 | 0.1685 | 1.57 | 0.286 | | | 0.00155 | | 0.808 | 0.0560 | 6.84 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 35 | 86 | 50 | 2.5 | 1 | 0.31 | | | 0.005 | | 1.0 | 0.05 | 6.8 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 38 | 82 | 70 | 2.5 | 1 | 0.50 | | | 0.005 | | 1.0 | 0.05 | 7.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 38 | 84 | 40 | 10 | 1 | 0.23 | | | 0.005 | | 1.0 | 0.05 | 7.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 33.5 | 81 | 58.3 | 1 | 2.19 | 0.46 | 0.0351 | 0.205 | 0.01 | 0.06 | 0.88 | 0.048 | 6.85 | 0.0016 | 0.002 | 0.15 | 0.025 | |
| | Median | 34.8 | 80 | 58.7 | 0.2 | 1.57 | 0.29 | 0.0328 | 0.207 | 0.005 | 0.06 | 0.835 | 0.05 | 7.14 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | St. Deviation | 4.9 | 9 | 9.5 | 3 | 1.27 | 0.37 | 0.023 | 0.03 | 0.013 | 0.04 | 0.11 | 0.014 | 1.27 | 0.0008 | 0.004 | 0.11 | 0.0134 | |
| | # of values | 13 | 13 | 13 | 13 | 13 | 12 | 4 | 4 | 13 | 4 | 13 | 12 | 13 | 13 | 13 | 13 | 13 | |
| | Minimum | 18.9 | 55 | 40 | 0.075 | 0.785 | 0.214 | 0.0155 | 0.167 | 0.00155 | 0.0155 | 0.767 | 0.0155 | 2.74 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 38 | 95 | 73.7 | 10 | 4.13 | 1.31 | 0.0595 | 0.238 | 0.05 | 0.12 | 1.06 | 0.074 | 7.77 | 0.0026 | 0.015 | 0.43 | 0.05 | |
| | % of values undetected | | | | 62% | 62% | | 75% | | 62% | 25% | | 50% | | 92% | 100% | 77% | 92% | |
| | # of values between MDL and PQL | | | | 4 | 5 | | 1 | | 3 | 2 | 3 | 6 | | 1 | | 3 | 1 | |
| SP1505 | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 6.97 | 20.5 | 10 | 5.82 | 5.5 | 0.0155 | | | 0.026 | | 0.662 | 0.05 | 2.52 | 0.00125 | 0.00125 | 0.48 | 0.0155 | |
| | 06/27/06 | 6.03 | 18.0 | 35.0 | 6.41 | 4.75 | 0.245 | 0.050 | 0.200 | 0.0530 | 0.0600 | 0.563 | 0.0510 | 7.16 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 6.13 | 17.0 | 32.5 | 0.079 | 5.75 | 0.0155 | 0.0155 | 0.0155 | 0.0108 | 0.0155 | 0.593 | 0.0360 | 1.94 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/04/06 | 6.31 | 19.0 | 25.0 | 0.400 | 7.50 | 0.0155 | 0.0155 | 0.0155 | 0.0090 | 0.0155 | 0.723 | 0.0530 | 2.59 | 0.00075 | 0.0020 | 0.155 | 0.050 | |
| | 05/26/07 | 4.95 | 15.0 | 16.3 | 0.421 | 1.57 | 0.0360 | | | 0.0060 | | 0.605 | 0.0360 | 1.35 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/06/07 | 9 | 24 | 30 | 2.5 | 1 | 0.06 | | | 0.03 | | 0.8 | 0.05 | 2.8 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/08/07 | 10 | 23 | 20 | 2.5 | 1 | 0.02 | | | 0.005 | | 0.8 | 0.05 | 3.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 8 | 24 | 30 | 2.5 | 1 | 0.01 | | | 0.02 | | 0.8 | 0.05 | 2.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 7.2 | 20 | 25 | 2.6 | 3.5 | 0.052 | 0.027 | 0.077 | 0.02 | 0.0303 | 0.693 | 0.047 | 3.03 | 0.0015 | 0.0016 | 0.156 | 0.028 | |
| | Median | 6.6 | 20 | 28 | 2.5 | 3.2 | 0.018 | 0.0155 | 0.016 | 0.015 | 0.0155 | 0.693 | 0.05 | 2.56 | 0.0012 | 0.0016 | 0.155 | 0.025 | |
| | St. Deviation | 1.7 | 3 | 9 | 2.4 | 2.6 | 0.08 | 0.0199 | 0.107 | 0.016 | 0.0257 | 0.101 | 0.007 | 1.8 | 0.0008 | 0.0008 | 0.141 | 0.014 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 4.95 | 15 | 10 | 0.079 | 1 | 0.01 | 0.0155 | 0.0155 | 0.005 | 0.0155 | 0.563 | 0.036 | 1.35 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 10 | 24 | 35 | 6.41 | 7.5 | 0.245 | 0.05 | 0.2 | 0.053 | 0.06 | 0.8 | 0.053 | 7.16 | 0.0025 | 0.0025 | 0.48 | 0.05 | |
| | % of values undetected | | | | 50% | 50% | 50% | 100% | 67% | 13% | 67% | | 50% | | 100% | 88% | 88% | 100% | |
| | # of values between MDL and PQL | | | | 2 | 3 | 3 | | | 4 | 1 | 3 | 4 | 2 | | 1 | 1 | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 12.5 | 12.5 | 0.0385 | 0.100 | 0.250 | 0.250 | 1.83 | 1.92 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.050 | 0.0155 | 5900 | 6300 | 0.100 | 0.236 | 0.0155 | |
| | 09/16/04 | 12.5 | 3.9 | 0.0385 | 0.0385 | 0.446 | 0.463 | 2.76 | 2.85 | 0.0075 | 0.0075 | 0.75 | 0.75 | 5 | 5.2 | 0.0155 | 0.0155 | 8810 | 9540 | 0.146 | | 0.0155 | 0.0155 |
| | 07/18/05 | 2.83 | 1 | 0.0408 | 0.0432 | 0.551 | 0.59 | 3.05 | 3.03 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 11200 | 11100 | 0.408 | | 0.0194 | 0.0148 |
| | 10/06/05 | 1 | 1.25 | 0.0408 | 0.0304 | 0.489 | 0.348 | 3 | 2.56 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 11100 | 9030 | 0.654 | 0.183 | 0.0264 | 0.0296 |
| | 03/17/06 | 2.07 | 1 | 0.0536 | 0.054 | 0.444 | 0.555 | 2.82 | 2.94 | 0.012 | 0.012 | 0.0075 | 0.0075 | 0.75 | 2.5 | 0.0125 | 0.0125 | 9800 | 9960 | 0.45 | 0.532 | 0.01 | 0.01 |
| | 06/28/06 | 1.00 | 2.34 | 0.0250 | 0.0550 | 0.570 | 0.598 | 2.99 | 3.25 | 0.0120 | 0.0120 | 0.0192 | 0.0166 | 0.75 | 2.50 | 0.0125 | 0.0125 | 9680 | 10000 | 0.100 | | 0.0416 | 0.0410 |
| | 08/26/06 | 2.54 | 0.986 | 0.0518 | 0.0334 | 0.430 | 0.155 | 3.07 | 3.30 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 10900 | 11100 | 0.638 | 0.666 | 0.0250 | 0.0065 |
| | 10/02/06 | 1.00 | 1.00 | 0.0250 | 0.0250 | 0.554 | 0.435 | 3.01 | 2.93 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 10400 | 10700 | 0.362 | 0.050 | 0.0186 | 0.0172 |
| | 03/25/07 | 4.18 | 1.00 | 0.0692 | 0.0618 | 0.336 | 0.155 | 3.09 | 3.08 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10600 | 10800 | 0.139 | 0.168 | 0.0100 | 0.0100 |
| | 05/24/07 | 1.00 | 1.00 | 0.0514 | 0.0536 | 0.155 | 0.155 | 3.13 | 3.00 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 10000 | 0.344 | 0.417 | 0.0166 | 0.0176 |
| | 08/04/07 | 7 | 12 | 0.2 | 0.2 | 0.6 | 0.25 | 3.2 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 2.3 | 0.05 | 0.05 | 11400 | 10800 | 0.6 | 0.05 | 0.025 | 0.025 |
| | 09/06/07 | 9 | 8 | 0.2 | 0.2 | 0.8 | 0.25 | 3 | 3.5 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.1 | 0.05 | 0.05 | 11000 | 11800 | 0.05 | 0.25 | 0.07 | 0.025 |
| | 10/24/07 | 6 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 4.5 | 5 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.8 | 0.05 | 0.05 | 11500 | 11600 | 0.7 | 0.7 | 0.06 | 0.025 |
| | Mean | 5 | 4 | 0.08 | 0.08 | 0.452 | 0.343 | 3.03 | 3.11 | 0.02 | 0.02 | 5 | 5 | 1.66 | 2 | 0.0237 | 0.021 | 10200 | 10200 | 0.361 | 0.325 | 0.0272 | 0 |
| | Median | 2.83 | 1.25 | 0.0514 | 0.054 | 0.446 | 0.25 | 3.01 | 3.015 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.4 | 1.55 | 0.0155 | 0.0155 | 10600 | 10700 | 0.362 | 0.243 | 0.0194 | 0.0174 |
| | St. Deviation | 4 | 4 | 0.07 | 0.07 | 0.174 | 0.167 | 0.56 | 0.72 | 0.018 | 0.018 | 9 | 9 | 1.08 | 1.07 | 0.0186 | 0.017 | 1500 | 1400 | 0.237 | 0.24 | 0.0188 | 0 |
| | # of values | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 10 | 13 | 12 |
| | Minimum | 1 | 0.986 | 0.025 | 0.025 | 0.155 | 0.155 | 1.83 | 1.92 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.25 | 0.0075 | 0.0075 | 5900 | 6300 | 0.05 | 0.05 | 0.01 | 0.0065 |
| | Maximum | 12.5 | 12.5 | 0.2 | 0.2 | 0.8 | 0.598 | 4.5 | 5 | 0.05 | 0.05 | 20 | 20 | 5 | 5.2 | 0.05 | 0.05 | 11500 | 11800 | 0.7 | 0.7 | 0.07 | 0.041 |
| | % of values undetected | 46% | 54% | 54% | 38% | 23% | 54% | | | 100% | 100% | 92% | 92% | 77% | 69% | 100% | 100% | | | 23% | 30% | 38% | 58% |
| | # of values between MDL and PQL | | 2 | | 2 | 7 | 3 | | | | | 1 | 1 | | 1 | | | | | 2 | 2 | 4 | 2 |
| SP1505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 181 | 4.6 | 0.149 | 0.153 | 4.95 | 3.43 | 2.02 | 0.947 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 2140 | 2000 | 0.386 | 0.315 | 0.0688 | 0.023 |
| | 06/27/06 | 308 | 7.50 | 0.175 | 0.192 | 6.41 | 3.30 | 1.70 | 0.810 | 0.0358 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 1880 | 1860 | 0.050 | | 0.0576 | 0.0100 |
| | 08/27/06 | 7.05 | 6.61 | 0.0075 | 0.0075 | 3.34 | 3.45 | 0.810 | 0.869 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2000 | 2020 | 0.408 | 0.475 | 0.0065 | 0.0178 |
| | 10/04/06 | 8.34 | 6.24 | 0.154 | 0.172 | 3.46 | 3.33 | 0.909 | | 0.0125 | 0.0125 | 0.0166 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 1990 | 2290 | 0.165 | 0.050 | 0.0065 | 0.0065 |
| | 05/26/07 | 14.4 | 12.2 | 0.118 | 0.123 | 2.58 | 2.59 | 0.759 | 0.817 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 1570 | 1590 | 0.235 | 0.050 | 0.0106 | 0.0102 |
| | 08/06/07 | 155 | 15 | 0.2 | 0.2 | 5 | 3.2 | 1.3 | 1.3 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.3 | 0.05 | 0.05 | 2500 | 2800 | 0.2 | 0.1 | 0.025 | 0.025 |
| | 09/08/07 | 9 | 8 | 0.2 | 0.2 | 3 | 3.5 | 1 | | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 2300 | 3100 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 99 | 7 | 0.2 | 0.2 | 4.4 | 3.6 | 2.3 | | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 2000 | 2700 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 98 | 8 | 0.15 | 0.156 | 4.14 | 3.3 | 1.3 | 0.9 | 0.0289 | 0.026 | 8 | 8 | 1.16 | 1.16 | 0.0268 | 0.0268 | 2050 | 2300 | 0.287 | 0.21 | 0.028 | 0.018 |
| | Median | 57 | 7 | 0.165 | 0.182 | 3.93 | 3.38 | 1.2 | 0.9 | 0.0242 | 0.013 | 0.01205 | 0.00750 | 1.23 | 1.25 | 0.0185 | 0.0185 | 2000 | 2160 | 0.243 | 0.25 | 0.025 | 0.02 |
| | St. Deviation | 110 | 3 | 0.065 | 0.066 | 1.28 | 0.31 | 0.6 | 0.2 | 0.0194 | 0.02 | 10 | 10 | 0.26 | 0.35 | 0.0196 | 0.0196 | 280 | 520 | 0.171 | 0.16 | 0.023 | 0.008 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 |
| | Minimum | 7.05 | 4.6 | 0.0075 | 0.0075 | 2.58 | 2.59 | 0.759 | 0.81 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 0.75 | 0.5 | 0.0075 | 0.0075 | 1570 | 1590 | 0.05 | 0.05 | 0.0065 | 0.0065 |
| | Maximum | 308 | 15 | 0.2 | 0.2 | 6.41 | 3.6 | 2.3 | 1.3 | 0.05 | 0.05 | 20 | 20 | 1.55 | 1.55 | 0.05 | 0.05 | 2500 | 3100 | 0.6 | 0.475 | 0.0688 | 0.025 |
| | % of values undetected | | | 50% | 50% | | | | | 88% | 100% | 88% | 100% | 63% | 75% | 100% | 100% | | | 25% | 57% | 63% | 63% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | 1 | | | | | | | 2 | 1 | 1 | 2 |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/21/04 | 0.100 | 0.201 | 3.10 | 3.10 | 0.050 | 0.050 | 1010 | 1040 | 0.250 | | 0.0005 | 0.155 | 0.155 | 0.201 | 0.426 | 307 | 323 | 0.155 | 0.155 | 5830 | 0.00310 | 0.00310 |
| | 09/16/04 | 0.1 | 0.1 | 3.1 | 3.1 | 0.05 | 0.05 | 2040 | 1860 | 0.25 | 0.25 | 0.0018 | 0.155 | 0.155 | 0.264 | 0.292 | 387 | 398 | 0.155 | 0.155 | 6620 | 0.0031 | 0.0031 |
| | 07/18/05 | 0.202 | 0.208 | 3.1 | 3.1 | 0.05 | 0.129 | 2060 | 2040 | 0.031 | 0.1 | 0.000450 | 0.344 | 0.329 | 0.391 | | 448 | 454 | 0.0775 | 0.0775 | 6310 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.149 | 0.185 | 3.1 | 3.1 | 0.0155 | | 2010 | 1660 | 0.031 | 0.1 | 0.000450 | 0.269 | 0.262 | 0.349 | | 416 | 356 | 0.0775 | 0.0775 | 6930 | 0.0031 | 0.0031 |
| | 03/17/06 | 0.05 | 0.159 | 3.1 | 3.1 | 0.025 | | 1920 | 1980 | 0.025 | 0.068 | 0.000475 | 0.319 | 0.329 | 0.269 | | 392 | 408 | 0.155 | 0.155 | 6450 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.123 | | 3.10 | 7.59 | 0.151 | | 1840 | 1860 | 0.0250 | | 0.000475 | 0.283 | 0.287 | 0.561 | | 385 | 401 | 0.155 | 0.155 | 6400 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.313 | 0.219 | 3.10 | | 0.105 | 0.113 | 2120 | 1870 | 0.0780 | 0.0958 | 0.000475 | 0.295 | 0.350 | 0.402 | 0.545 | 452 | 428 | 0.155 | 0.155 | 5780 | 0.0031 | 0.0031 |
| | 10/02/06 | 0.050 | | 28.6 | 30.4 | 0.0155 | | 2020 | 2070 | 0.0250 | 0.0536 | 0.000475 | 0.364 | 0.318 | 0.268 | 0.277 | 408 | 452 | 0.155 | 0.155 | 6420 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.050 | 0.163 | 13.5 | 19.3 | 0.0155 | 0.0155 | 2000 | 2040 | 0.0854 | 0.0890 | 0.000169 | 0.321 | 0.331 | 0.351 | 0.430 | 421 | 429 | 0.155 | 0.155 | 6220 | 0.0031 | 0.0031 |
| | 05/24/07 | 0.133 | 0.128 | 33.0 | 35.8 | 0.0155 | 0.0155 | 2050 | 2000 | 0.0508 | 0.0586 | 0.000169 | 0.319 | 0.324 | 0.225 | 0.279 | 418 | 416 | 0.155 | 0.155 | 6410 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.05 | 1900 | 2000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 2000 | 2100 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 500 | 500 | 0.1 | 0.1 | 6300 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 1900 | 2200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 500 | 0.25 | 0.25 | 5800 | 0.025 | 0.025 |
| | Mean | 0.16 | 0.242 | 11 | 12 | 0.06 | 0.058 | 1910 | 1900 | 0.12 | 0.1 | 0.00064 | 0.275 | 0.276 | 0.41 | 0.35 | 480 | 401 | 0.138 | 0.138 | 6310 | 0.008 | 0.008 |
| | Median | 0.133 | 0.201 | 3.1 | 8.795 | 0.05 | 0.05 | 2000 | 2000 | 0.078 | 0.1 | 0.0004745 | 0.283 | 0.287 | 0.3 | 0.3 | 418 | 416 | 0.155 | 0.155 | 6400 | 0.0031 | 0.0031 |
| | St. Deviation | 0.09 | 0.191 | 11 | 11 | 0.07 | 0.039 | 280 | 290 | 0.11 | 0.1 | 0.0007 | 0.064 | 0.064 | 0.34 | 0.094 | 180 | 90 | 0.051 | 0.051 | 330 | 0.01 | 0.01 |
| | # of values | 13 | 11 | 13 | 12 | 13 | 9 | 13 | 13 | 13 | 11 | 13 | 13 | 13 | 13 | 9 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | Minimum | 0.05 | 0.1 | 3.1 | 3.1 | 0.0155 | 0.0155 | 1010 | 1040 | 0.025 | 0.0536 | 0.000169 | 0.155 | 0.155 | 0.201 | 0.277 | 307 | 150 | 0.05 | 0.05 | 5780 | 0.0031 | 0.0031 |
| | Maximum | 0.313 | 0.8 | 33 | 35.8 | 0.25 | 0.129 | 2120 | 2200 | 0.25 | 0.25 | 0.0025 | 0.364 | 0.35 | 1.5 | 0.545 | 1000 | 500 | 0.25 | 0.25 | 6930 | 0.025 | 0.025 |
| | % of values undetected | 62% | 27% | 77% | 67% | 85% | 78% | | | 77% | 55% | 92% | 38% | 38% | 23% | 33% | 8% | 8% | 92% | 92% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | 2 | | | | | | | | | | | | 2 | 2 | 1 | 1 | | | |
| SP1505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 0.185 | 0.221 | 192 | 3.1 | 0.094 | | 391 | 311 | 7.45 | 0.1 | 0.000450 | 0.432 | 0.422 | 0.118 | | 145 | 138 | 0.0775 | 0.0775 | 3540 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.237 | 0.166 | 203 | 8.00 | 1.08 | 0.320 | 322 | 307 | 8.34 | 1.11 | 0.0025 | 0.407 | | 0.100 | | 134 | 129 | 0.155 | 0.155 | 2920 | 0.0882 | 0.0031 |
| | 08/27/06 | 0.0916 | | 3.10 | 3.10 | 0.0155 | | 278 | 276 | 0.154 | 0.196 | 0.0025 | 0.335 | 0.341 | 0.0960 | | 208 | 220 | 0.155 | 0.155 | 2680 | 0.0031 | 0.0031 |
| | 10/04/06 | 0.143 | | 3.10 | 6.62 | 0.0155 | 0.0374 | 326 | 378 | 0.269 | 0.176 | 0.000475 | 0.498 | 0.520 | 0.0668 | 0.116 | 152 | 167 | 0.155 | 0.155 | 3120 | 0.0031 | 0.0031 |
| | 05/26/07 | 0.141 | 0.132 | 9.80 | 3.10 | 0.0155 | 0.0155 | 252 | 239 | 0.425 | 0.297 | 0.000685 | 0.410 | 0.407 | 0.100 | 0.0310 | 113 | 108 | 0.155 | 0.155 | 2100 | 0.0031 | 0.0031 |
| | 08/06/07 | 0.8 | 0.25 | 390 | 10 | 0.05 | 0.05 | 400 | 500 | 5.3 | 0.5 | 0.0128 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 3300 | 0.08 | 0.025 |
| | 09/08/07 | 0.25 | 0.9 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.7 | 0.0025 | 1.5 | 1.5 | 0.3 | 1.5 | 150 | 150 | 0.05 | 0.05 | 3100 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 210 | 10 | 0.05 | 0.05 | 200 | 400 | 1.5 | 0.25 | 0.00159 | 1.5 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 3300 | 0.06 | 0.025 |
| | Mean | 0.262 | 0.32 | 130 | 6.7 | 0.17 | 0.087 | 321 | 364 | 2.96 | 0.42 | 0.0029 | 0.67 | 0.53 | 0.17 | 0.45 | 169 | 260 | 0.106 | 0.106 | 3010 | 0.033 | 0.011 |
| | Median | 0.211 | 0.236 | 100 | 7.3 | 0.05 | 0.05 | 324 | 345 | 0.96 | 0.27 | 0.002 | 0.42 | 0.41 | 0.11 | 0.3 | 150 | 150 | 0.116 | 0.116 | 3110 | 0.014 | 0.003 |
| | St. Deviation | 0.225 | 0.288 | 140 | 3.2 | 0.37 | 0.115 | 74 | 98 | 3.5 | 0.34 | 0.0041 | 0.52 | 0.44 | 0.11 | 0.6 | 59 | 300 | 0.053 | 0.053 | 450 | 0.037 | 0.011 |
| | # of values | 8 | 6 | 8 | 8 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.0916 | 0.132 | 3.1 | 3.1 | 0.0155 | 0.0155 | 200 | 239 | 0.154 | 0.1 | 0.0004495 | 0.25 | 0.25 | 0.0668 | 0.031 | 113 | 108 | 0.05 | 0.05 | 2100 | 0.0031 | 0.0031 |
| | Maximum | 0.8 | 0.9 | 390 | 10 | 1.08 | 0.32 | 400 | 500 | 8.34 | 1.11 | 0.0128 | 1.5 | 1.5 | 0.3 | 1.5 | 300 | 1000 | 0.155 | 0.155 | 3540 | 0.0882 | 0.025 |
| | % of values undetected | 25% | 33% | 38% | 75% | 75% | 67% | | | 13% | 25% | 63% | 38% | 43% | 63% | 80% | 25% | 38% | 100% | 100% | | 63% | 100% |
| | # of values between MDL and PQL | 2 | 1 | 1 | 2 | 1 | 1 | 3 | 3 | 1 | 2 | 2 | | | 2 | 1 | 1 | | | | | 2 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1405 | | | | | | | | | | | |
| | 05/21/04 | 2060 | 2110 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.200 | 0.479 | 0.75 | 0.75 |
| | 09/16/04 | 2830 | 2530 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.375 | 0.284 | 0.75 | 0.75 |
| | 07/18/05 | 2800 | 2810 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.325 | 0.41 | 14.7 | 2.71 |
| | 10/06/05 | 2700 | 2240 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.467 | 0.1 | 1.8 | 0.972 |
| | 03/17/06 | 2600 | 2770 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.25 | 0.25 | 0.747 | |
| | 06/28/06 | 2480 | 2560 | 0.0100 | 0.0070 | 0.0155 | 0.0155 | 0.110 | 0.110 | 0.811 | 1.15 |
| | 08/26/06 | 2840 | 2510 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 1.84 | 1.00 |
| | 10/02/06 | 2770 | 2800 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | 1.08 |
| | 03/25/07 | 2730 | 2760 | 0.0050 | 0.0228 | 0.050 | 0.050 | 0.155 | 0.155 | 1.37 | 1.07 |
| | 05/24/07 | 2750 | 2690 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.37 | 1.15 |
| | 08/04/07 | 2600 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 1 | 1 |
| | 09/06/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/24/07 | 2800 | 3000 | 0.7 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2670 | 2640 | 0.07 | 0.03 | 0.06 | 0.06 | 0.23 | 0.26 | 2 | 1.14 |
| | Median | 2750 | 2700 | 0.005 | 0.007 | 0.05 | 0.05 | 0.25 | 0.25 | 1 | 1 |
| | St. Deviation | 210 | 250 | 0.19 | 0.07 | 0.05 | 0.05 | 0.11 | 0.14 | 4 | 0.51 |
| | # of values | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 12 |
| | Minimum | 2060 | 2110 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 0.75 |
| | Maximum | 2840 | 3000 | 0.7 | 0.25 | 0.155 | 0.155 | 0.467 | 0.5 | 14.7 | 2.71 |
| | % of values undetected | | | 85% | 85% | 100% | 100% | 69% | 69% | 46% | 42% |
| | # of values between MDL and PQL | | | | 1 | | | 3 | 2 | | 1 |
| SP1505 | | | | | | | | | | | |
| | 10/05/05 | 1410 | 1280 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.522 | 0.1 | 1.5 | 1.26 |
| | 06/27/06 | 1280 | 1320 | 0.0086 | 0.0025 | 0.0155 | 0.0492 | 0.554 | 0.110 | 8.92 | 4.33 |
| | 08/27/06 | 1180 | 1240 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.647 | 1.37 |
| | 10/04/06 | 1390 | 1430 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 05/26/07 | 1000 | 1000 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 4.97 | 0.50 |
| | 08/06/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/08/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1300 | 1330 | 0.022 | 0.021 | 0.043 | 0.048 | 0.3 | 0.15 | 2.4 | 2.1 |
| | Median | 1350 | 1360 | 0.007 | 0.005 | 0.05 | 0.05 | 0.25 | 0.11 | 1 | 1.3 |
| | St. Deviation | 140 | 170 | 0.023 | 0.024 | 0.013 | 0.007 | 0.19 | 0.07 | 3 | 1.8 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 1000 | 1000 | 0.0031 | 0.0025 | 0.0155 | 0.031 | 0.1 | 0.1 | 0.5 | 0.5 |
| | Maximum | 1410 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.554 | 0.25 | 8.92 | 5 |
| | % of values undetected | | | 88% | 100% | 100% | 88% | 75% | 100% | 50% | 57% |
| | # of values between MDL and PQL | 3 | 3 | 1 | | | 1 | | | 1 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP1605 | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 11.3 | 28.5 | 19 | 1.7 | 6.25 | 0.035 | | | 0.016 | | 0.651 | 0.05 | 4.16 | 0.00125 | 0.00125 | 0.30 | 0.0155 | |
| | 06/27/06 | 7.97 | 21.0 | 35.0 | 0.0765 | 3.50 | 0.365 | 0.050 | 0.325 | 0.0120 | 0.0155 | 0.467 | 0.0410 | 4.30 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 12.1 | 27.0 | 35.0 | 0.306 | 4.50 | 0.0370 | 0.0155 | 0.0340 | 0.0100 | 0.0155 | 0.630 | 0.0155 | 4.37 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/04/06 | 11.1 | 29.0 | 16.3 | 2.30 | 6.75 | 0.0155 | 0.0155 | 0.0155 | 0.0106 | 0.0155 | 0.671 | 0.0670 | 4.25 | 0.00075 | 0.0030 | 0.155 | 0.125 | |
| | 08/06/07 | 15 | 39 | 30 | 2.5 | 1 | 0.07 | | | 0.02 | | 0.9 | 0.05 | 6.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/08/07 | 13 | 33 | 30 | 2.5 | 1 | 0.06 | | | 0.03 | | 0.8 | 0.05 | 4.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 11 | 31 | 40 | 2.5 | 1 | 0.01 | | | 0.005 | | 0.8 | 0.05 | 3.5 | 0.0025 | 0.0025 | 0.05 | 0.25 | |
| | Mean | 11.6 | 30 | 29 | 1.7 | 3.4 | 0.08 | 0.027 | 0.125 | 0.015 | 0.0155 | 0.7 | 0.046 | 4.4 | 0.0016 | 0.0019 | 0.13 | 0.07 | |
| | Median | 11.3 | 29 | 30 | 2.3 | 3.5 | 0.037 | 0.0155 | 0.034 | 0.012 | 0.0155 | 0.671 | 0.05 | 4.25 | 0.00125 | 0.0025 | 0.155 | 0.025 | |
| | St. Deviation | 2.1 | 6 | 9 | 1.1 | 2.5 | 0.13 | 0.0199 | 0.174 | 0.008 | 0 | 0.14 | 0.016 | 0.8 | 0.0008 | 0.0009 | 0.09 | 0.09 | |
| | # of values | 7 | 7 | 7 | 7 | 7 | 7 | 3 | 3 | 7 | 3 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| | Minimum | 7.97 | 21 | 16.3 | 0.0765 | 1 | 0.01 | 0.0155 | 0.0155 | 0.005 | 0.0155 | 0.467 | 0.0155 | 3.5 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 15 | 39 | 40 | 2.5 | 6.75 | 0.365 | 0.05 | 0.325 | 0.03 | 0.0155 | 0.9 | 0.067 | 6.2 | 0.0025 | 0.003 | 0.3 | 0.25 | |
| | % of values undetected | | | | 57% | 43% | 29% | 100% | 33% | 14% | 100% | | 71% | | 100% | 86% | 86% | 86% | |
| | # of values between MDL and PQL | | | | 1 | 3 | 4 | | 1 | 3 | | 3 | 2 | | | 1 | 1 | | |
| SP1705 | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 26.9 | 80.0 | 61.3 | 0.075 | 1.57 | 0.258 | | | 0.0155 | | 0.863 | 0.118 | 6.80 | 0.00125 | 0.00125 | 0.065 | 0.0155 | |
| | 09/16/04 | 28.2 | 80 | 57.5 | 0.2 | 1.57 | 1.95 | | | 0.0155 | | 0.925 | | 7.9 | 0.00125 | 0.00125 | 0.20 | 0.066 | |
| | 07/18/05 | 32.1 | 75 | 43.8 | 13.6 | 0.785 | 0.579 | | | 0.13 | | 0.803 | 0.0155 | 6.6 | 0.00125 | 0.00125 | 0.25 | 0.0155 | |
| | 10/06/05 | 32.4 | 75 | 50 | 0.078 | 3.25 | 0.428 | | | 0.011 | | 0.785 | 0.05 | 5.63 | 0.00125 | 0.00125 | 0.22 | 0.0155 | |
| | 03/17/06 | 28 | 650 | 56.3 | 2.14 | 2.75 | 0.458 | | | 0.011 | | 0.786 | 0.0155 | 5.45 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | 06/28/06 | 29.6 | 70.0 | 57.5 | 12.2 | 4.50 | 0.400 | 0.050 | 0.360 | 0.0470 | 0.0700 | 0.785 | 0.0580 | 5.72 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/25/06 | 32.4 | 70.0 | 72.5 | 3.10 | 3.75 | 0.385 | 0.0430 | 0.342 | 0.0180 | 0.0155 | 0.786 | 0.0155 | 5.72 | 0.00075 | 0.00075 | 0.155 | 0.0440 | |
| | 10/06/06 | 29.7 | 70.0 | 51.3 | 1.03 | 3.25 | 0.314 | 0.0155 | 0.307 | 0.0085 | 0.0155 | 0.828 | 0.0550 | 6.37 | 0.00075 | 0.0030 | 0.155 | 0.0155 | |
| | 03/25/07 | 32.2 | 70.0 | 51.3 | 3.13 | 1.57 | 0.329 | 0.0155 | 0.301 | 0.0080 | 0.0900 | 0.828 | 0.0430 | 6.12 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/24/07 | 29.3 | 70.0 | 50.0 | 3.44 | 1.57 | 0.337 | | | 0.0070 | | 0.824 | 0.0480 | 6.74 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/04/07 | 33 | 75 | 50 | 2.5 | 1 | 0.33 | | | 0.01 | | 1.1 | 0.1 | 6.7 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 34 | 76 | 40 | 2.5 | 1 | 0.30 | | | 0.005 | | 1.0 | 0.05 | 7.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 31 | 74 | 40 | 2.5 | 1 | 0.47 | | | 0.005 | | 0.9 | 0.05 | 5.7 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 30.7 | 120 | 52.4 | 4 | 2.12 | 0.5 | 0.031 | 0.328 | 0.02 | 0.048 | 0.86 | 0.05 | 6.36 | 0.003 | 0.0015 | 0.14 | 0.0264 | |
| | Median | 31 | 75 | 51.3 | 2.5 | 1.57 | 0.385 | 0.0293 | 0.325 | 0.011 | 0.043 | 0.828 | 0.05 | 6.37 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | St. Deviation | 2.2 | 160 | 8.9 | 4 | 1.23 | 0.44 | 0.0181 | 0.028 | 0.03 | 0.038 | 0.1 | 0.03 | 0.72 | 0.005 | 0.0008 | 0.07 | 0.0165 | |
| | # of values | 13 | 13 | 13 | 13 | 13 | 13 | 4 | 4 | 13 | 4 | 13 | 12 | 13 | 13 | 13 | 13 | 13 | |
| | Minimum | 26.9 | 70 | 40 | 0.075 | 0.785 | 0.258 | 0.0155 | 0.301 | 0.005 | 0.0155 | 0.785 | 0.0155 | 5.45 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 34 | 650 | 72.5 | 13.6 | 4.5 | 1.95 | 0.05 | 0.36 | 0.13 | 0.09 | 1.1 | 0.118 | 7.9 | 0.015 | 0.003 | 0.25 | 0.066 | |
| | % of values undetected | | | | 38% | 62% | | 75% | | 31% | 50% | | 50% | | 100% | 92% | 77% | 85% | |
| | # of values between MDL and PQL | | | | 1 | 5 | | 1 | | 5 | 2 | 3 | 5 | | | 1 | 3 | 2 | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1605 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 3.22 | 2.17 | 0.162 | 0.155 | 4.18 | 3.59 | 0.223 | 0.256 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 3540 | 3260 | 0.407 | 0.335 | 0.0222 | 0.0278 |
| | 06/27/06 | 21.7 | 4.43 | 0.157 | 0.135 | 2.96 | 2.91 | 0.491 | 0.558 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 2440 | 2360 | 0.050 | | 0.0100 | 0.0100 |
| | 08/27/06 | 5.86 | 2.41 | 0.0075 | 0.0075 | 4.01 | 3.82 | 0.218 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 3860 | 3630 | 0.468 | 0.431 | 0.0156 | 0.0160 |
| | 10/04/06 | 5.98 | 1.00 | 0.177 | 0.189 | 4.25 | 3.79 | 0.228 | | 0.0125 | 0.0125 | 0.0184 | 0.0176 | 1.25 | 1.25 | 0.0185 | 0.0185 | 3430 | 3610 | 0.398 | 0.050 | 0.0154 | 0.0150 |
| | 08/06/07 | 14 | 2.5 | 0.2 | 0.2 | 3.5 | 3.3 | 0.25 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1 | 0.05 | 0.05 | 4300 | 4500 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 09/08/07 | 77 | 2.5 | 0.2 | 0.2 | 4.6 | 3.9 | 0.7 | 1 | 0.05 | 0.05 | 20 | 20 | 1.3 | 0.5 | 0.05 | 0.05 | 3700 | 4000 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 34 | 6 | 0.2 | 0.2 | 3.5 | 3 | 1.7 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.2 | 0.05 | 0.05 | 3500 | 3500 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 23.1 | 3 | 0.16 | 0.16 | 3.86 | 3.47 | 0.54 | 0.86 | 0.028 | 0.028 | 9 | 9 | 1.2 | 1.1 | 0.0296 | 0.0296 | 3540 | 3550 | 0.32 | 0.23 | 0.02 | 0.021 |
| | Median | 14 | 2.5 | 0.177 | 0.189 | 4.01 | 3.59 | 0.25 | 0.8 | 0.0125 | 0.0125 | 0.0184 | 0.0176 | 1.25 | 1.2 | 0.0185 | 0.0185 | 3540 | 3610 | 0.398 | 0.25 | 0.0222 | 0.025 |
| | St. Deviation | 26.1 | 1.7 | 0.07 | 0.07 | 0.56 | 0.41 | 0.54 | 0.54 | 0.021 | 0.021 | 11 | 11 | 0.3 | 0.4 | 0.0194 | 0.0194 | 570 | 660 | 0.21 | 0.15 | 0.006 | 0.007 |
| | # of values | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 |
| | Minimum | 3.22 | 1 | 0.0075 | 0.0075 | 2.96 | 2.91 | 0.218 | 0.256 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 0.75 | 0.5 | 0.00775 | 0.00775 | 2440 | 2360 | 0.05 | 0.05 | 0.01 | 0.01 |
| | Maximum | 77 | 6 | 0.2 | 0.2 | 4.6 | 3.9 | 1.7 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.55 | 1.55 | 0.05 | 0.05 | 4300 | 4500 | 0.6 | 0.431 | 0.025 | 0.0278 |
| | % of values undetected | | 43% | 57% | 57% | | | 14% | | 100% | 100% | 86% | 86% | 57% | 71% | 100% | 100% | | | 43% | 67% | 57% | 57% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | 2 | 2 |
| SP1705 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 3.90 | 3.90 | 0.0385 | | 0.509 | 0.754 | 1.54 | | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 8500 | 7760 | 0.100 | 0.288 | 0.0155 | |
| | 09/16/04 | 12.5 | 12.5 | 0.0385 | 0.0896 | 0.704 | 0.773 | 2.49 | 2.37 | 0.0075 | 0.0075 | 0.75 | 0.75 | 1.55 | 1.55 | 0.0155 | 0.0155 | 8760 | 8560 | 0.361 | 0.328 | 0.0155 | |
| | 07/18/05 | 5.64 | 1 | 0.0582 | 0.0542 | 1.75 | 1.64 | 2.53 | 2.44 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 10200 | 10100 | 0.561 | 0.737 | 0.0186 | 0.0168 |
| | 10/06/05 | 1 | 1.11 | 0.0562 | 0.0418 | 1.85 | 1.41 | 2.43 | 2.17 | 0.0075 | 0.0075 | 0.00155 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 10400 | 8850 | 0.788 | 0.508 | 0.0218 | 0.0312 |
| | 03/17/06 | 10.1 | 3.26 | 0.0832 | 0.0642 | 1.52 | 1.57 | 2.38 | 2.5 | 0.012 | 0.012 | 0.025 | 0.0075 | 2.5 | 0.75 | 0.0125 | 0.0125 | 8830 | 9570 | 0.561 | 0.703 | 0.0204 | 0.0226 |
| | 06/28/06 | 4.78 | | 0.0668 | 0.0602 | 1.39 | | 2.58 | | 0.0120 | 0.0120 | 0.0208 | 0.0075 | 2.50 | 0.75 | 0.0125 | 0.0125 | 9410 | 8880 | 0.875 | 0.858 | 0.0534 | |
| | 08/25/06 | 6.16 | 1.62 | 0.0668 | 0.0348 | 1.64 | 1.33 | 2.56 | 2.28 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 10300 | 9440 | 0.813 | 0.748 | 0.0262 | 0.0065 |
| | 10/06/06 | 4.66 | 1.00 | 0.0372 | 0.0462 | 0.705 | 0.830 | 2.41 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9550 | 9810 | 0.215 | 0.339 | 0.0065 | 0.0152 |
| | 03/25/07 | 40.5 | 2.10 | 0.0742 | 0.0752 | 1.54 | 1.34 | 2.97 | 2.51 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 9640 | 0.633 | 0.394 | 0.0252 | |
| | 05/24/07 | 25.9 | 2.79 | 0.0584 | 0.0658 | 0.806 | 0.821 | 2.61 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9050 | 9270 | 0.617 | 0.348 | 0.0226 | 0.0368 |
| | 08/04/07 | 23 | 8 | 0.2 | 0.2 | 1.1 | 1.3 | 2.8 | | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.6 | 0.05 | 0.05 | 10300 | 10200 | 0.3 | 0.6 | 0.025 | 0.025 |
| | 09/06/07 | 14 | 2.5 | 0.2 | 0.2 | 0.8 | 1.2 | 2.3 | 2.8 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.8 | 0.05 | 0.05 | 10200 | 10600 | 0.25 | 0.25 | 0.06 | 0.025 |
| | 10/24/07 | 16 | 2.5 | 0.2 | 0.2 | 1 | 0.9 | 3.6 | 4.1 | 0.05 | 0.05 | 20 | 20 | 1.5 | 2 | 0.05 | 0.05 | 8900 | 9800 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 12.9 | 0 | 0.091 | 0.09 | 1.18 | 1.16 | 2.55 | 2.65 | 0.02 | 0.02 | 5 | 5 | 1.61 | 1.39 | 0.021 | 0.021 | 9600 | 9400 | 0.486 | 0.489 | 0.0258 | 0.02 |
| | Median | 10.1 | 2.5 | 0.0668 | 0.065 | 1.1 | 1.25 | 2.53 | 2.47 | 0.0125 | 0.0125 | 0.0208 | 0.0075 | 1.55 | 1.55 | 0.0155 | 0.0155 | 9550 | 9570 | 0.561 | 0.394 | 0.0226 | 0.025 |
| | St. Deviation | 11.2 | 0 | 0.064 | 0.07 | 0.46 | 0.32 | 0.46 | 0.62 | 0.018 | 0.018 | 9 | 9 | 0.43 | 0.36 | 0.017 | 0.017 | 700 | 800 | 0.256 | 0.215 | 0.0148 | 0.01 |
| | # of values | 13 | 12 | 13 | 12 | 13 | 12 | 13 | 8 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 9 |
| | Minimum | 1 | 1 | 0.0372 | 0.0348 | 0.509 | 0.754 | 1.54 | 2.17 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.25 | 0.75 | 0.0075 | 0.0075 | 8500 | 7760 | 0.1 | 0.25 | 0.0065 | 0.0065 |
| | Maximum | 40.5 | 12.5 | 0.2 | 0.2 | 1.85 | 1.64 | 3.6 | 4.1 | 0.05 | 0.05 | 20 | 20 | 2.5 | 2 | 0.05 | 0.05 | 10400 | 10600 | 0.875 | 0.858 | 0.06 | 0.0368 |
| | % of values undetected | 23% | 50% | 38% | 25% | | | | | 100% | 100% | 92% | 100% | 77% | 77% | 100% | 100% | | | 23% | 15% | 38% | 44% |
| | # of values between MDL and PQL | | 2 | 1 | 3 | 1 | 1 | | | | | 1 | | | | | | | | 1 | | 1 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|---------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1605 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/05 | 0.114 | 0.178 | 6.59 | 3.1 | 0.0155 | | 611 | 553 | 0.161 | 0.1 | 0.000450 | 1.06 | 1.08 | 0.127 | | 141 | 147 | 0.0775 | 0.0775 | 3920 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.050 | 0.154 | 6.89 | 3.10 | 0.373 | | 453 | 440 | 0.322 | 0.128 | 0.0025 | 0.998 | 0.939 | 0.100 | | 97.0 | 99.4 | 0.155 | 0.155 | 2440 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.111 | | 8.85 | 3.10 | 0.0448 | | 607 | 586 | 0.467 | 0.146 | 0.000475 | 1.07 | 1.04 | 0.194 | 0.394 | 156 | 152 | 0.155 | 0.155 | 3090 | 0.0066 | 0.0031 |
| | 10/04/06 | 0.050 | 0.142 | 14.1 | 6.36 | 0.0744 | 0.0155 | 602 | 635 | 0.415 | 0.0834 | 0.00127 | 1.23 | 1.25 | 0.222 | 0.128 | 129 | 140 | 0.155 | 0.155 | 3350 | 0.0066 | 0.0031 |
| | 08/06/07 | 0.25 | 0.25 | 90 | 10 | 0.05 | 0.05 | 700 | 800 | 1.7 | 0.25 | 0.0025 | 1.3 | 1.3 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.1 | 3400 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 1.1 | 100 | 10 | 0.05 | 0.05 | 600 | 700 | 5.6 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.05 | 3100 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 90 | 10 | 0.05 | 0.05 | 500 | 600 | 0.6 | 0.25 | 0.000746 | 1.5 | 1.5 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | Mean | 0.15 | 0.35 | 45 | 7 | 0.094 | 0.04 | 582 | 620 | 1.32 | 0.17 | 0.00149 | 1.24 | 1.23 | 0.22 | 0.284 | 160 | 300 | 0.106 | 0.106 | 3270 | 0.013 | 0.012 |
| | Median | 0.114 | 0.214 | 14.1 | 6.36 | 0.05 | 0.05 | 602 | 600 | 0.467 | 0.146 | 0.00127 | 1.23 | 1.25 | 0.222 | 0.3 | 150 | 150 | 0.1 | 0.1 | 3350 | 0.0066 | 0.0031 |
| | St. Deviation | 0.09 | 0.37 | 45 | 3 | 0.124 | 0.02 | 81 | 110 | 1.95 | 0.08 | 0.00098 | 0.21 | 0.22 | 0.08 | 0.096 | 60 | 300 | 0.049 | 0.049 | 470 | 0.011 | 0.012 |
| | # of values | 7 | 6 | 7 | 7 | 7 | 4 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| | Minimum | 0.05 | 0.142 | 6.59 | 3.1 | 0.0155 | 0.0155 | 453 | 440 | 0.161 | 0.0834 | 0.0004495 | 0.998 | 0.939 | 0.1 | 0.128 | 97 | 99.4 | 0.05 | 0.05 | 2440 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 1.1 | 100 | 10 | 0.373 | 0.05 | 700 | 800 | 5.6 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.394 | 300 | 1000 | 0.155 | 0.155 | 3920 | 0.025 | 0.025 |
| | % of values undetected | 71% | 33% | | 86% | 57% | 100% | | | | 57% | 71% | 29% | 29% | 57% | 60% | 29% | 43% | 86% | 86% | | 71% | 100% |
| | # of values between MDL and PQL | | 1 | 4 | 1 | 2 | | 3 | 3 | 3 | | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 2 | |
| SP1705 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/22/04 | 0.100 | 0.100 | 63.5 | 52.1 | 0.050 | 0.050 | 1380 | 1360 | 0.250 | | 0.0005 | 0.315 | 0.358 | 0.236 | 0.322 | 353 | 354 | 0.155 | 0.155 | 5820 | 0.00310 | 0.00310 |
| | 09/16/04 | 0.274 | 0.1 | 3.1 | 3.1 | 0.05 | 0.05 | 1530 | 1550 | 0.5 | 0.5 | 0.0005 | 0.155 | 0.155 | 0.25 | | 391 | 392 | 0.155 | 0.155 | 6350 | 0.0031 | 0.0031 |
| | 07/18/05 | 0.143 | 0.211 | 10 | 21.4 | 1.35 | 0.166 | 1610 | 1570 | 0.1 | 0.1 | 0.000450 | 0.304 | 0.295 | 0.361 | | 432 | 437 | 0.0775 | 0.0775 | 6280 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.168 | 0.17 | 3.1 | 3.1 | 0.0155 | | 1570 | 1330 | 0.031 | 0.1 | 0.000450 | 0.23 | 0.235 | 0.307 | | 404 | 365 | 0.0775 | 0.0775 | 7160 | 0.0031 | 0.0031 |
| | 03/17/06 | 0.264 | 0.175 | 7.54 | 3.1 | 0.025 | | 1460 | 1620 | 0.209 | 0.114 | 0.000475 | 0.376 | 0.32 | 0.244 | | 364 | 405 | 0.155 | 0.155 | 2430 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.264 | | 8.81 | | 0.303 | 0.323 | 1480 | 1410 | 0.119 | | 0.0025 | 0.291 | 0.200 | 0.990 | 0.547 | 403 | 395 | 0.155 | 0.155 | 6290 | 0.0031 | 0.0031 |
| | 08/25/06 | 0.182 | 0.228 | 9.65 | 29.3 | 0.259 | 0.103 | 1620 | 1300 | 0.176 | 0.118 | 0.0025 | 0.288 | 0.325 | 0.382 | 0.482 | 463 | 390 | 0.155 | 0.155 | 5350 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.050 | 0.179 | 17.3 | 21.3 | 0.0586 | 0.0155 | 1410 | 1500 | 0.159 | 0.158 | 0.000995 | 0.250 | 0.299 | 0.112 | 0.176 | 462 | 488 | 0.155 | 0.155 | 5800 | 0.0031 | 0.0031 |
| | 03/25/07 | 0.130 | | 33.8 | 3.10 | 0.050 | 0.050 | 1610 | 1540 | 1.45 | | 0.000351 | 0.305 | 0.294 | 0.348 | | 431 | 404 | 0.155 | 0.155 | 6170 | 0.0031 | 0.0031 |
| | 05/24/07 | 0.131 | | 49.2 | 37.5 | 0.050 | 0.050 | 1620 | 1730 | 0.696 | 0.358 | 0.000169 | 0.300 | 0.334 | 0.453 | 0.531 | 399 | 463 | 0.155 | 0.155 | 6310 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 1500 | 1700 | 0.6 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.2 | 0.05 | 6200 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 60 | 25 | 0.05 | 0.05 | 1600 | 1700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 500 | 0.1 | 0.2 | 6300 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1500 | 1600 | 0.6 | 0.25 | 0.000399 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 6900 | 0.025 | 0.025 |
| | Mean | 0.189 | 0.19 | 23.5 | 20 | 0.2 | 0.09 | 1530 | 1530 | 0.4 | 0.2 | 0.00092 | 0.274 | 0.274 | 0.353 | 0.37 | 500 | 396 | 0.134 | 0.13 | 5950 | 0.008 | 0.008 |
| | Median | 0.182 | 0.195 | 10 | 15.65 | 0.05 | 0.05 | 1530 | 1550 | 0.25 | 0.204 | 0.0004745 | 0.288 | 0.294 | 0.3 | 0.311 | 404 | 400 | 0.155 | 0.155 | 6280 | 0.0031 | 0.0031 |
| | St. Deviation | 0.074 | 0.06 | 21.7 | 20 | 0.4 | 0.09 | 80 | 140 | 0.4 | 0.1 | 0.00092 | 0.053 | 0.058 | 0.208 | 0.13 | 220 | 86 | 0.043 | 0.048 | 1150 | 0.01 | 0.01 |
| | # of values | 13 | 10 | 13 | 12 | 13 | 11 | 13 | 13 | 13 | 10 | 13 | 13 | 13 | 13 | 8 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| | Minimum | 0.05 | 0.1 | 3.1 | 3.1 | 0.0155 | 0.0155 | 1380 | 1300 | 0.031 | 0.1 | 0.000169 | 0.155 | 0.155 | 0.112 | 0.176 | 353 | 150 | 0.05 | 0.05 | 2430 | 0.0031 | 0.0031 |
| | Maximum | 0.274 | 0.25 | 63.5 | 52.1 | 1.35 | 0.323 | 1620 | 1730 | 1.45 | 0.5 | 0.0025 | 0.376 | 0.358 | 0.99 | 0.547 | 1000 | 500 | 0.2 | 0.2 | 7160 | 0.025 | 0.025 |
| | % of values undetected | 38% | 50% | 31% | 58% | 69% | 73% | | | | 38% | 60% | 77% | 31% | 31% | 23% | 38% | 15% | 8% | 85% | 92% | 100% | 100% |
| | # of values between MDL and PQL | | | 5 | | 1 | | | | 2 | | 3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1605 | | | | | | | | | | | |
| | 10/05/05 | 1450 | 1340 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.271 | 0.1 | 2.33 | 1.17 |
| | 06/27/06 | 1170 | 1200 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.250 | 0.110 | 1.25 | |
| | 08/27/06 | 1400 | 1390 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.868 | 1.17 |
| | 10/04/06 | 1430 | 1460 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 08/06/07 | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/08/07 | 1400 | 1500 | 0.6 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1400 | 1400 | 0.1 | 0.024 | 0.042 | 0.042 | 0.19 | 0.14 | 1.1 | 2.67 |
| | Median | 1400 | 1460 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.1 | 1 | 1.17 |
| | St. Deviation | 100 | 100 | 0.22 | 0.025 | 0.014 | 0.014 | 0.08 | 0.07 | 0.6 | 2.13 |
| | # of values | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 5 |
| | Minimum | 1170 | 1200 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 1500 | 1600 | 0.6 | 0.05 | 0.05 | 0.05 | 0.271 | 0.25 | 2.33 | 5 |
| | % of values undetected | | | 86% | 100% | 100% | 100% | 86% | 100% | 57% | 60% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | | 1 | 1 |
| SP1705 | | | | | | | | | | | |
| | 05/22/04 | 2310 | 2190 | 0.0125 | 0.0125 | 0.155 | 0.50 | 0.550 | 0.200 | 0.75 | 1.56 |
| | 09/16/04 | 2460 | 2520 | 0.0125 | 0.0125 | 0.155 | 0.155 | 0.265 | 0.409 | 0.75 | 0.75 |
| | 07/18/05 | 2660 | 2620 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.661 | 0.814 | 13.6 | 2.67 |
| | 10/06/05 | 2500 | 2140 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.772 | 0.453 | 1.59 | 1.02 |
| | 03/17/06 | 2400 | 2650 | 0.0025 | 0.0025 | 0.209 | 0.0155 | 0.732 | 0.784 | 0.954 | |
| | 06/28/06 | 2440 | 2260 | 0.0112 | 0.0070 | 0.0155 | 0.0155 | 0.572 | 1.04 | 1.20 | |
| | 08/25/06 | 2630 | 2100 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.707 | 0.548 | 4.89 | 1.13 |
| | 10/06/06 | 2290 | 2400 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.814 | 0.700 | 0.50 | |
| | 03/25/07 | 2560 | 2470 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.497 | 0.441 | 0.50 | |
| | 05/24/07 | 2550 | 2720 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.02 | 1.61 |
| | 08/04/07 | 2600 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.4 | 1 | 1 |
| | 09/06/07 | 2600 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 0.4 | 1 | 1 |
| | 10/24/07 | 2300 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2480 | 2480 | 0.017 | 0.016 | 0.07 | 0.08 | 0.556 | 0.53 | 2 | 1.3 |
| | Median | 2500 | 2520 | 0.005 | 0.005 | 0.05 | 0.05 | 0.572 | 0.453 | 1 | 1.02 |
| | St. Deviation | 130 | 240 | 0.019 | 0.02 | 0.06 | 0.13 | 0.195 | 0.25 | 4 | 0.6 |
| | # of values | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 9 |
| | Minimum | 2290 | 2100 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.155 | 0.155 | 0.5 | 0.75 |
| | Maximum | 2660 | 2800 | 0.05 | 0.05 | 0.209 | 0.5 | 0.814 | 1.04 | 13.6 | 2.67 |
| | % of values undetected | | | 92% | 92% | 92% | 100% | 15% | 23% | 54% | 44% |
| | # of values between MDL and PQL | | | | 1 | | | 6 | 5 | | 1 |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------|--------------------------------|-----------------|---------------------------|-----------------|-----------------|--------------------------|------------------------|------------------|------------------|-----------------|-----------------------|---------------------|---------------------|-----------------|--|
| SP1805 | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 34.8 | 75 | 48.7 | 3.4 | 0.785 | 0.051 | | | 0.051 | | 0.833 | 0.037 | 2.55 | 0.00125 | 0.00125 | 0.36 | 0.0155 | |
| | 10/06/05 | 34.6 | 75 | 51 | 0.202 | 0.785 | 0.126 | | | 0.018 | | 0.748 | 0.05 | 2.81 | 0.00125 | 0.00125 | 0.19 | 0.0155 | |
| | 03/17/06 | 29.6 | 550 | 58.7 | 0.588 | 0.785 | 0.0985 | | | 0.017 | | 0.79 | 0.0155 | 2.76 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | 06/28/06 | 30.1 | 70.0 | 53.8 | 0.625 | 0.785 | 0.303 | 0.050 | 0.260 | 0.0255 | 0.120 | 0.749 | 0.0540 | 2.57 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/25/06 | 33.5 | 70.0 | 57.5 | 12.3 | 1.57 | 0.104 | 0.0520 | 0.0515 | 0.0230 | 0.0155 | 0.776 | 0.0470 | 2.58 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/06/06 | 32.6 | 70.0 | 61.3 | 0.505 | 1.57 | 0.050 | 0.0155 | 0.0790 | 0.0190 | 0.0155 | 0.773 | 0.0720 | 2.71 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 03/24/07 | 32.2 | 70.0 | 52.5 | 1.28 | 1.57 | 0.129 | 0.0155 | 0.0985 | 0.0160 | 0.0400 | 0.791 | 0.0500 | 2.47 | 0.0025 | 0.00075 | 0.155 | 0.0155 | |
| | 05/24/07 | 33.2 | 70.0 | 42.5 | 14.0 | 1.57 | 0.103 | | | 0.0230 | | 0.798 | 0.0570 | 2.47 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 32 | 77 | 40 | 6 | 1 | 0.03 | | | 0.02 | | 1.0 | 0.05 | 2.5 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 34 | 74 | 60 | 2.5 | 1 | 0.09 | | | 0.005 | | 1.0 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 36 | 76 | 50 | 8 | 1 | 0.07 | | | 0.01 | | 1.0 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 33 | 120 | 52.4 | 4.5 | 1.13 | 0.105 | 0.0333 | 0.122 | 0.021 | 0.048 | 0.84 | 0.048 | 2.62 | 0.0016 | 0.003 | 0.148 | 0.0244 | |
| | Median | 33.2 | 74 | 52.5 | 2.5 | 1 | 0.0985 | 0.0328 | 0.089 | 0.019 | 0.028 | 0.791 | 0.05 | 2.58 | 0.00125 | 0.00125 | 0.155 | 0.0155 | |
| | St. Deviation | 1.9 | 140 | 6.9 | 5 | 0.36 | 0.073 | 0.0205 | 0.094 | 0.012 | 0.05 | 0.1 | 0.014 | 0.12 | 0.0008 | 0.004 | 0.087 | 0.0134 | |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 4 | 4 | 11 | 4 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | |
| | Minimum | 29.6 | 70 | 40 | 0.202 | 0.785 | 0.03 | 0.0155 | 0.0515 | 0.005 | 0.0155 | 0.748 | 0.0155 | 2.47 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 36 | 550 | 61.3 | 14 | 1.57 | 0.303 | 0.052 | 0.26 | 0.051 | 0.12 | 1 | 0.072 | 2.81 | 0.0025 | 0.015 | 0.36 | 0.05 | |
| | % of values undetected | | | | 9% | 100% | 9% | 75% | | 9% | 50% | | 45% | | 100% | 100% | 82% | 100% | |
| | # of values between MDL and PQL | | | | 4 | | 5 | 1 | 3 | 3 | 1 | 3 | 6 | 3 | | | | 2 | |
| SP1905 | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 30.6 | 70 | 53.8 | 1.16 | 2.5 | 0.292 | | | 0.0505 | | 0.977 | 0.096 | 0.494 | 0.00125 | 0.00125 | 0.63 | 0.0155 | |
| | 10/06/05 | 27.1 | 75 | 42 | 2.5 | 2.75 | 0.437 | | | 0.011 | | 0.787 | 0.05 | 4.7 | 0.00125 | 0.00125 | 0.29 | 0.0155 | |
| | 06/28/06 | 26.2 | 60.0 | 50.0 | 2.60 | 3.25 | 0.397 | 0.050 | 0.359 | 0.0140 | 0.0700 | 0.802 | 0.0410 | 4.15 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/26/06 | 30.3 | 65.0 | 61.2 | 5.00 | 1.57 | 0.323 | 0.0575 | 0.265 | 0.0230 | 0.0155 | 0.780 | 0.0470 | 4.39 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/06/06 | 29.5 | 65.0 | 57.5 | 3.92 | 1.57 | 0.290 | 0.0155 | 0.280 | 0.0210 | 0.0155 | 0.801 | 0.0570 | 4.54 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 03/24/07 | 27.9 | 65.0 | 77.5 | 8.45 | 1.57 | 0.393 | 0.0155 | 0.363 | 0.0210 | 0.0900 | 0.951 | 0.0420 | 4.96 | 0.0025 | 0.00075 | 0.155 | 0.0155 | |
| | 05/24/07 | 29.1 | 70.0 | 47.5 | 0.444 | 4.00 | 0.320 | | | 0.0060 | | 0.797 | 0.0540 | 4.28 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 31 | 71 | 40 | 2.5 | 1 | 0.26 | | | 0.005 | | 1.0 | 0.05 | 4.4 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 33 | 72 | 50 | 2.5 | 1 | 0.24 | | | 0.005 | | 1.0 | 0.05 | 4.8 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 31 | 73 | 50 | 2.5 | 1 | 0.34 | | | 0.005 | | 0.9 | 0.05 | 3.9 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 29.6 | 69 | 53 | 3.2 | 2.02 | 0.329 | 0.0346 | 0.317 | 0.016 | 0.048 | 0.88 | 0.054 | 4.06 | 0.004 | 0.003 | 0.185 | 0.0253 | |
| | Median | 29.9 | 70 | 50 | 2.5 | 1.57 | 0.322 | 0.0328 | 0.32 | 0.013 | 0.043 | 0.85 | 0.05 | 4.4 | 0.001 | 0.001 | 0.155 | 0.0203 | |
| | St. Deviation | 2.1 | 5 | 10.7 | 2.2 | 1.05 | 0.063 | 0.0223 | 0.051 | 0.014 | 0.038 | 0.1 | 0.016 | 1.29 | 0.006 | 0.004 | 0.173 | 0.0137 | |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 4 | 4 | 10 | 4 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| | Minimum | 26.2 | 60 | 40 | 0.444 | 1 | 0.24 | 0.0155 | 0.265 | 0.005 | 0.0155 | 0.78 | 0.041 | 4.94 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 33 | 75 | 77.5 | 8.45 | 4 | 0.437 | 0.0575 | 0.363 | 0.0505 | 0.09 | 1 | 0.096 | 4.96 | 0.015 | 0.015 | 0.63 | 0.05 | |
| | % of values undetected | | | | 30% | 60% | | 75% | | 30% | 50% | | 40% | | 100% | 100% | 80% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 4 | | 1 | | 2 | 2 | 3 | 6 | | | | | 2 | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1805 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 36.5 | 6.16 | 0.111 | 0.0984 | 5.97 | 5.45 | 1.46 | 1.22 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 1.55 | 0.00775 | 0.00775 | 11900 | 11800 | 0.617 | 0.674 | 0.019 | 0.0078 |
| | 10/06/05 | 12 | 5.86 | 0.124 | 0.127 | 6.31 | 6.49 | 1.36 | 1.38 | 0.0075 | 0.0075 | 0.0076 | 0.00155 | 1.55 | 4.8 | 0.00775 | 0.00775 | 12000 | 11700 | 0.957 | 1 | 0.0274 | |
| | 03/17/06 | 19.4 | 12.1 | 0.125 | 0.109 | 5.66 | 6.02 | 1.53 | 1.3 | 0.012 | 0.012 | 0.0075 | 0.025 | 0.75 | 2.5 | 0.0125 | | 10200 | 10800 | 0.796 | 0.904 | 0.0248 | 0.0252 |
| | 06/28/06 | 16.0 | 4.76 | 0.111 | 0.123 | 6.11 | 6.14 | 1.36 | 1.29 | 0.0120 | 0.0120 | 0.0202 | 0.0150 | 0.75 | 2.50 | 0.0125 | 0.0125 | 10500 | 10800 | 0.907 | 1.03 | 0.0382 | 0.0408 |
| | 08/25/06 | 33.8 | 14.8 | 0.113 | 0.0944 | 6.47 | 5.95 | 1.60 | 1.70 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 11500 | 11200 | 1.01 | 1.06 | 0.0334 | 0.0065 |
| | 10/06/06 | 9.23 | 4.06 | 0.103 | 0.0994 | 5.98 | 6.08 | 1.30 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 11400 | 11600 | 0.757 | 0.574 | 0.0158 | 0.0132 |
| | 03/24/07 | 29.9 | 5.64 | 0.126 | 0.129 | 6.17 | 6.20 | 1.64 | 1.40 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 11000 | 11200 | 0.702 | 0.603 | 0.0238 | 0.0100 |
| | 05/24/07 | 109 | 8.19 | 0.120 | 0.115 | 6.26 | 5.79 | 2.21 | 1.34 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 11600 | 10500 | 0.909 | 0.690 | 0.0464 | 0.0168 |
| | 08/04/07 | 17 | 20 | 0.2 | 0.2 | 6 | 6.1 | 1.3 | 1.4 | 0.05 | 0.05 | 80 | 20 | 1.2 | | 0.05 | 0.05 | 12000 | 11000 | 0.9 | 0.7 | 0.025 | 0.025 |
| | 09/06/07 | 15 | 6 | 0.2 | 0.2 | 6 | 6 | 1.4 | 1.9 | 0.05 | 0.05 | 20 | 20 | 2 | 1.6 | 0.05 | 0.05 | 11500 | 11700 | 0.25 | 0.25 | 0.08 | 0.025 |
| | 10/24/07 | 45 | 9 | 0.2 | 0.2 | 5.8 | 6.1 | 2.9 | 3.2 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 12000 | 12300 | 1.1 | 1 | 0.025 | 0.025 |
| | Mean | 31 | 8.8 | 0.139 | 0.136 | 6.07 | 6.03 | 1.64 | 1.6 | 0.022 | 0.022 | 11 | 5 | 1.6 | 1.9 | 0.022 | 0.023 | 11400 | 11300 | 0.81 | 0.77 | 0.0326 | 0.02 |
| | Median | 19.4 | 6.16 | 0.124 | 0.123 | 6 | 6.08 | 1.46 | 1.39 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.525 | 0.0125 | 0.0155 | 11500 | 11200 | 0.9 | 0.7 | 0.025 | 0.0209 |
| | St. Deviation | 28 | 4.9 | 0.04 | 0.043 | 0.23 | 0.26 | 0.49 | 0.6 | 0.018 | 0.018 | 24 | 9 | 1.2 | 1.1 | 0.0184 | 0.0191 | 600 | 500 | 0.23 | 0.25 | 0.0179 | 0.011 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 10 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 10 |
| | Minimum | 9.23 | 4.06 | 0.103 | 0.0944 | 5.66 | 5.45 | 1.3 | 1.22 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.25 | 0.0075 | 0.0075 | 10200 | 10500 | 0.25 | 0.25 | 0.0158 | 0.0065 |
| | Maximum | 109 | 20 | 0.2 | 0.2 | 6.47 | 6.49 | 2.9 | 3.2 | 0.05 | 0.05 | 80 | 20 | 5 | 4.8 | 0.05 | 0.05 | 12000 | 12300 | 1.1 | 1.06 | 0.08 | 0.0408 |
| | % of values undetected | | | 27% | 27% | | | | | 100% | 100% | 73% | 91% | 73% | 70% | 100% | 100% | | | 9% | 9% | 18% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | 1 | | 1 | | | | | | | 2 | 3 |
| SP1905 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 7.55 | 1 | 0.0626 | 0.0558 | 1.22 | 1.09 | 1.58 | 1.85 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 9770 | 9690 | 0.406 | 0.392 | ##### | 0.0074 |
| | 10/06/05 | 24.8 | 1.49 | 0.0456 | 0.0478 | 1.7 | 1.59 | 1.83 | 1.75 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 8780 | 8320 | 0.758 | 0.542 | 0.0246 | 0.0314 |
| | 06/28/06 | 16.2 | 2.51 | 0.0664 | 0.0702 | 1.61 | 1.73 | 1.79 | 1.92 | 0.0120 | 0.0120 | 0.0178 | 0.0075 | 0.75 | 2.50 | 0.0125 | 0.0125 | 8500 | 8500 | 0.618 | 0.774 | 0.0340 | 0.0478 |
| | 08/26/06 | 49.7 | 1.82 | 0.126 | 0.0460 | 1.89 | 1.49 | 2.17 | 1.95 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9800 | 9330 | 0.807 | 0.774 | 0.0322 | 0.0065 |
| | 10/06/06 | 97.9 | 1.00 | 0.0686 | 0.0572 | 1.55 | 1.42 | 2.30 | 2.30 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9620 | 10100 | 0.294 | | 0.0362 | 0.0148 |
| | 03/24/07 | 22.9 | 2.20 | 0.0622 | 0.0662 | 1.43 | 1.35 | 2.07 | 2.16 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9010 | 9090 | 0.698 | 0.279 | 0.0100 | |
| | 05/24/07 | 14.0 | 2.56 | 0.175 | 0.0846 | 1.78 | 1.70 | 2.20 | 2.61 | 0.0125 | 0.0125 | 0.0576 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9390 | 9510 | 0.621 | 0.473 | 0.0228 | 0.0224 |
| | 08/04/07 | 152 | 11 | 0.2 | 0.2 | 2.3 | 2.1 | 3 | 2.6 | 0.05 | 0.05 | 20 | 20 | 1.3 | 2.3 | 0.05 | 0.05 | 10700 | 10100 | 0.6 | 0.7 | 0.025 | 0.025 |
| | 09/06/07 | 2.5 | 2.5 | 0.2 | 0.2 | 1.9 | 1.7 | 2 | 2.5 | 0.05 | 0.05 | 20 | 20 | 2 | 1.7 | 0.05 | 0.05 | 10300 | 10900 | 0.05 | 0.25 | 0.09 | 0.025 |
| | 10/24/07 | 18 | 2.5 | 0.2 | 0.2 | 1.7 | 2.2 | 3.1 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.8 | 0.05 | 0.05 | 9500 | 10100 | 0.7 | 0.7 | 0.025 | 0.025 |
| | Mean | 41 | 3 | 0.121 | 0.103 | 1.71 | 1.64 | 2.2 | 2.3 | 0.023 | 0.023 | 6 | 6 | 1.37 | 1.64 | 0.023 | 0.023 | 9500 | 9600 | 0.555 | 0.543 | 0.0301 | 0.0228 |
| | Median | 20 | 2 | 0.097 | 0.068 | 1.7 | 1.65 | 2.12 | 2.23 | 0.013 | 0.013 | 0 | 0 | 1.28 | 1.55 | 0.0155 | 0.0155 | 9600 | 9600 | 0.62 | 0.542 | 0.025 | 0.025 |
| | St. Deviation | 48 | 3 | 0.067 | 0.068 | 0.29 | 0.33 | 0.5 | 0.5 | 0.019 | 0.019 | 10 | 10 | 0.32 | 0.45 | 0.0191 | 0.0191 | 700 | 800 | 0.236 | 0.206 | 0.0236 | 0.0127 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 9 | 10 | 9 |
| | Minimum | 2.5 | 1 | 0.0456 | 0.046 | 1.22 | 1.09 | 1.58 | 1.75 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.25 | 0.0075 | 0.0075 | 8500 | 8320 | 0.05 | 0.25 | 0.0016 | 0.0065 |
| | Maximum | 152 | 11 | 0.2 | 0.2 | 2.3 | 2.2 | 3.1 | 3.4 | 0.05 | 0.05 | 20 | 20 | 2 | 2.5 | 0.05 | 0.05 | 10700 | 10900 | 0.807 | 0.774 | 0.09 | 0.0478 |
| | % of values undetected | 10% | 40% | 30% | 30% | | | | | 100% | 100% | 80% | 100% | 70% | 70% | 100% | 100% | | | 10% | 11% | 40% | 44% |
| | # of values between MDL and PQL | | 2 | | 1 | | | | | | | 1 | | | | | | | | | | 1 | 2 |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1805 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 0.05 | | 49.9 | 3.1 | 0.0155 | | 1230 | 1230 | 1.49 | 0.1 | 0.000450 | 0.497 | 0.478 | 0.361 | | 436 | 442 | 0.0775 | 0.0775 | 4840 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.0954 | 0.178 | 3.1 | 3.1 | 0.0155 | | 1110 | 1160 | 0.225 | 0.107 | 0.000450 | 0.67 | 0.709 | 0.309 | | 402 | 405 | 0.0775 | 0.0775 | 5210 | 0.0031 | 0.0031 |
| | 03/17/06 | 0.107 | 0.19 | 14.1 | 3.1 | 6.93 | 0.235 | 1020 | 1060 | 0.447 | 0.108 | 0.000475 | 0.518 | 0.538 | 0.271 | | 342 | 367 | 0.155 | 0.426 | 4870 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.128 | 0.196 | 18.3 | 7.92 | 0.158 | | 960 | 1020 | 0.345 | 0.100 | 0.000475 | 0.433 | 0.448 | 0.560 | | 344 | 361 | 0.155 | 0.155 | 5120 | 0.0031 | 0.0031 |
| | 08/25/06 | 0.202 | 0.288 | 20.4 | 38.0 | 0.322 | 0.114 | 1150 | 938 | 1.19 | 0.659 | 0.0025 | 0.461 | 0.533 | 0.440 | 0.504 | 422 | 445 | 0.155 | 0.155 | 4440 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.050 | 0.149 | 30.7 | 27.6 | 0.0155 | 0.0155 | 1030 | 1080 | 0.233 | 0.0584 | 0.000475 | 0.560 | 0.471 | 0.160 | 0.215 | 368 | 382 | 0.155 | 0.155 | 4690 | 0.0031 | 0.0031 |
| | 03/24/07 | 0.112 | 0.160 | 29.2 | 7.75 | 0.0155 | 0.050 | 1140 | 1130 | 0.980 | 0.0250 | 0.000169 | 0.543 | 0.567 | 0.446 | 0.469 | 378 | 384 | 0.155 | 0.155 | 5100 | 0.0031 | 0.0031 |
| | 05/24/07 | 0.366 | 0.050 | 102 | 33.3 | 0.050 | 0.0155 | 1040 | 1010 | 2.46 | 0.0672 | 0.0012 | 0.478 | 0.501 | 0.406 | 0.359 | 384 | 362 | 0.155 | 0.155 | 4670 | 0.0154 | 0.0100 |
| | 08/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.5 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1100 | 0.25 | 0.25 | 0.0025 | 1.5 | 0.25 | 1.5 | 0.3 | 300 | 400 | 0.1 | 0.05 | 4800 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 50 | 10 | 0.05 | 0.05 | 1000 | 1200 | 1 | 0.25 | 0.000408 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | Mean | 0.169 | 0.2 | 31 | 14 | 0.7 | 0.073 | 1070 | 1080 | 0.81 | 0.18 | 0.00084 | 0.56 | 0.477 | 0.5 | 0.35 | 430 | 450 | 0.117 | 0.137 | 4910 | 0.01 | 0.01 |
| | Median | 0.128 | 0.193 | 20.4 | 10 | 0.05 | 0.05 | 1040 | 1080 | 0.447 | 0.107 | 0.0004745 | 0.497 | 0.5 | 0.361 | 0.3 | 378 | 400 | 0.155 | 0.155 | 4870 | 0.0031 | 0.0031 |
| | St. Deviation | 0.101 | 0.07 | 28 | 13 | 2.07 | 0.072 | 80 | 90 | 0.71 | 0.18 | 0.00086 | 0.34 | 0.132 | 0.4 | 0.103 | 200 | 180 | 0.046 | 0.107 | 250 | 0.01 | 0.01 |
| | # of values | 11 | 10 | 11 | 11 | 11 | 8 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 7 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| | Minimum | 0.05 | 0.05 | 3.1 | 3.1 | 0.0155 | 0.0155 | 960 | 938 | 0.225 | 0.025 | 0.000169 | 0.25 | 0.25 | 0.16 | 0.215 | 300 | 361 | 0.05 | 0.05 | 4440 | 0.0031 | 0.0031 |
| | Maximum | 0.366 | 0.288 | 102 | 38 | 6.93 | 0.235 | 1230 | 1230 | 2.46 | 0.659 | 0.0025 | 1.5 | 0.709 | 1.5 | 0.504 | 1000 | 1000 | 0.155 | 0.426 | 5210 | 0.025 | 0.025 |
| | % of values undetected | 45% | 40% | 27% | 55% | 73% | 75% | | | 18% | 45% | 82% | 27% | 18% | 27% | 43% | 9% | 9% | 91% | 91% | | 91% | 91% |
| | # of values between MDL and PQL | 1 | | 2 | 2 | | | | | 1 | 1 | 2 | | 1 | 1 | | 2 | 2 | 1 | 1 | | 1 | 1 |
| SP1905 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 0.05 | 0.106 | 3.1 | 3.1 | 0.0155 | 0.112 | 1520 | 1560 | 0.1 | 0.1 | 0.000450 | 0.183 | 0.19 | 0.222 | | 408 | 417 | 0.0775 | 0.0775 | 5990 | 0.0031 | 0.0031 |
| | 10/06/05 | 0.301 | 0.157 | 23.8 | 3.1 | 0.0155 | | 1260 | 1200 | 0.622 | 0.1 | 0.000450 | 0.0614 | | 0.274 | | 364 | 347 | 0.0775 | 0.0775 | 6760 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.157 | 0.250 | 10.1 | 3.10 | 0.0570 | | 1200 | 1200 | 0.213 | 0.0922 | 0.0025 | 0.175 | 0.189 | 0.626 | 0.784 | 346 | 356 | 0.155 | 0.155 | 5950 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.374 | 0.223 | 34.3 | 27.8 | 0.349 | 0.114 | 1410 | 1180 | 0.937 | 0.114 | 0.000475 | 0.178 | 0.207 | 0.363 | 0.475 | 410 | 361 | 0.155 | 0.155 | 5370 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.164 | 0.187 | 85.6 | 20.2 | 0.0746 | 0.0155 | 1340 | 1320 | 2.97 | 0.0830 | 0.000475 | 0.182 | 0.212 | 0.130 | 0.182 | 378 | 415 | 0.155 | 0.155 | 5640 | 0.0031 | 0.0031 |
| | 03/24/07 | 0.050 | | 16.2 | 8.61 | 0.0155 | 0.050 | 1310 | 1470 | 0.328 | | 0.000169 | 0.197 | 0.239 | 0.316 | | 374 | 384 | 0.155 | 0.155 | 5810 | 0.0031 | 0.0031 |
| | 05/24/07 | 0.302 | 0.140 | 51.3 | 38.1 | 0.151 | 0.0155 | 1380 | 1510 | 0.492 | 0.258 | 0.000169 | 0.231 | 0.267 | 0.257 | 0.341 | 408 | 447 | 0.155 | 0.155 | 6100 | 0.0096 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 1300 | 1400 | 2.2 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.2 | 0.05 | 5700 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 400 | 400 | 0.1 | 0.1 | 5300 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 300 | 0.05 | 0.05 | 6600 | 0.025 | 0.025 |
| | Mean | 0.215 | 0.2 | 37 | 13 | 0.083 | 0.057 | 1340 | 1370 | 0.84 | 0.2 | 0.00075 | 0.196 | 0.228 | 0.43 | 0.38 | 510 | 358 | 0.128 | 0.113 | 5920 | 0.01 | 0.01 |
| | Median | 0.25 | 0.22 | 20 | 10 | 0.05 | 0.05 | 1330 | 1400 | 0.41 | 0.1 | 0.00045 | 0.19 | 0.239 | 0.3 | 0.3 | 400 | 373 | 0.155 | 0.128 | 5880 | 0.003 | 0.003 |
| | St. Deviation | 0.108 | 0.06 | 41 | 12 | 0.102 | 0.038 | 90 | 140 | 0.97 | 0.1 | 0.00093 | 0.057 | 0.029 | 0.4 | 0.2 | 260 | 84 | 0.048 | 0.046 | 480 | 0.01 | 0.011 |
| | # of values | 10 | 9 | 10 | 10 | 10 | 8 | 10 | 10 | 10 | 9 | 10 | 10 | 9 | 10 | 7 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| | Minimum | 0.05 | 0.106 | 3.1 | 3.1 | 0.0155 | 0.0155 | 1200 | 1180 | 0.1 | 0.083 | 0.000169 | 0.0614 | 0.189 | 0.13 | 0.182 | 346 | 150 | 0.05 | 0.05 | 5300 | 0.0031 | 0.0031 |
| | Maximum | 0.374 | 0.25 | 130 | 38.1 | 0.349 | 0.114 | 1520 | 1560 | 2.97 | 0.258 | 0.0025 | 0.25 | 0.267 | 1.5 | 0.784 | 1000 | 447 | 0.2 | 0.155 | 6760 | 0.025 | 0.025 |
| | % of values undetected | 50% | 33% | 30% | 60% | 60% | 75% | | | 30% | 56% | 100% | 30% | 33% | 30% | 43% | 20% | 10% | 80% | 90% | | 90% | 100% |
| | # of values between MDL and PQL | | | 2 | 1 | 1 | | | | 1 | | | | | 1 | 1 | 1 | 2 | 2 | 1 | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP1805 | | | | | | | | | | | |
| | 07/17/05 | 2630 | 2700 | 0.0031 | 0.0031 | 0.031 | 0.031 | 2.34 | 2.63 | 12.2 | 13.6 |
| | 10/06/05 | 2460 | 2550 | 0.0154 | 0.0031 | 0.0748 | 0.0744 | 2.68 | 2.53 | 2.22 | 1.4 |
| | 03/17/06 | 2200 | 2280 | 0.0025 | 0.0025 | 0.05 | 0.0155 | 2.29 | 2.27 | 11.9 | 1.12 |
| | 06/28/06 | 2070 | 2230 | 0.0082 | 0.0070 | 0.0155 | 0.0155 | 2.27 | 2.19 | 0.923 | |
| | 08/25/06 | 2440 | 2020 | 0.0050 | 0.0050 | 0.050 | 0.050 | 2.42 | 1.98 | 1.86 | 1.05 |
| | 10/06/06 | 2220 | 2280 | 0.0296 | 0.0050 | 0.050 | 0.050 | 2.94 | 2.56 | 2.07 | 0.50 |
| | 03/24/07 | 2420 | 2650 | 0.0050 | 0.0050 | 0.050 | 0.050 | 2.08 | 2.16 | 0.50 | 1.61 |
| | 05/24/07 | 2270 | 2220 | 0.0050 | 0.0050 | 0.050 | 0.050 | 2.45 | 2.22 | 0.50 | 0.50 |
| | 08/04/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 2 | 2.4 | 1 | 1 |
| | 09/06/07 | 2300 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 2.8 | 2.2 | 1 | 1 |
| | 10/24/07 | 2200 | 2600 | 0.25 | 0.05 | 0.05 | 0.05 | 1.9 | 2.3 | 1 | 1 |
| | Mean | 2310 | 2380 | 0.04 | 0.017 | 0.047 | 0.044 | 2.38 | 2.31 | 3.2 | 2 |
| | Median | 2270 | 2300 | 0.0082 | 0.005 | 0.05 | 0.05 | 2.34 | 2.27 | 1 | 1.025 |
| | St. Deviation | 160 | 220 | 0.07 | 0.021 | 0.014 | 0.017 | 0.33 | 0.2 | 4.4 | 4 |
| | # of values | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 10 |
| | Minimum | 2070 | 2020 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 1.9 | 1.98 | 0.5 | 0.5 |
| | Maximum | 2630 | 2700 | 0.25 | 0.05 | 0.0748 | 0.0744 | 2.94 | 2.63 | 12.2 | 13.6 |
| | % of values undetected | | | 73% | 91% | 91% | 91% | | | 45% | 50% |
| | # of values between MDL and PQL | | | 2 | 1 | 1 | 1 | | | | 1 |
| SP1905 | | | | | | | | | | | |
| | 07/17/05 | 2690 | 2760 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.651 | 0.831 | 4.44 | |
| | 10/06/05 | 2200 | 2080 | 0.0031 | 0.0031 | 0.031 | 0.031 | 1.03 | 0.622 | 1.92 | 2.06 |
| | 06/28/06 | 2070 | 2120 | 0.0072 | 0.0074 | 0.0155 | 0.050 | 0.503 | 0.642 | 2.38 | 1.70 |
| | 08/26/06 | 2410 | 2080 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.502 | 0.250 | 2.01 | 1.14 |
| | 10/06/06 | 2290 | 2320 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.36 | 1.18 | 0.50 | |
| | 03/24/07 | 2230 | 2500 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.764 | 0.603 | 0.50 | |
| | 05/24/07 | 2360 | 2480 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.527 | 0.528 | 6.78 | 0.50 |
| | 08/04/07 | 2600 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 1.2 | 0.7 | 1 | 1 |
| | 09/06/07 | 2400 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.9 | 1 | 1 |
| | 10/24/07 | 2400 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2370 | 2360 | 0.018 | 0.018 | 0.043 | 0.046 | 0.75 | 0.68 | 2.2 | 1.2 |
| | Median | 2380 | 2400 | 0.005 | 0.005 | 0.05 | 0.05 | 0.59 | 0.63 | 1.5 | 1 |
| | St. Deviation | 180 | 220 | 0.022 | 0.022 | 0.012 | 0.008 | 0.33 | 0.25 | 2 | 0.5 |
| | # of values | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 7 |
| | Minimum | 2070 | 2080 | 0.0031 | 0.0031 | 0.0155 | 0.031 | 0.5 | 0.25 | 0.5 | 0.5 |
| | Maximum | 2690 | 2760 | 0.05 | 0.05 | 0.05 | 0.05 | 1.36 | 1.18 | 6.78 | 2.06 |
| | % of values undetected | | | 90% | 90% | 100% | 100% | 20% | 20% | 50% | 57% |
| | # of values between MDL and PQL | | | 1 | 1 | | | 3 | 4 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP2005 | | | | | | | | | | | | | | | | | | | |
| | 07/18/05 | 15.5 | 35 | 22.5 | 1.41 | 0.785 | 0.726 | | | 0.04 | | 0.713 | 0.0155 | 0.809 | 0.00125 | 0.00125 | 0.21 | 0.0155 | |
| | 10/05/05 | 14.3 | 35 | 18 | 0.2 | 3.75 | 0.309 | | | 0.00165 | | 0.668 | 0.05 | 0.788 | 0.00125 | 0.00125 | 0.39 | 0.05 | |
| | 06/29/06 | 13.3 | 31.0 | 23.7 | 1.43 | 3.75 | 0.0155 | 0.0155 | 0.0155 | 0.0040 | 0.0400 | 0.719 | 0.0155 | 0.789 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 14.6 | 30.5 | 41.2 | 0.808 | 4.00 | 0.0905 | 0.0155 | 0.0875 | 0.00155 | 0.0155 | 0.807 | 0.0310 | 0.764 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/03/06 | 14.9 | 34.0 | 41.3 | 0.0815 | 4.25 | 0.050 | 0.0155 | 0.050 | 0.00155 | 0.0500 | 0.886 | 0.0670 | 0.777 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 12 | 33 | 30 | 38 | 1 | 0.03 | | | 0.03 | | 1.4 | 0.05 | 0.9 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/05/07 | 14 | 32 | 30 | 8 | 1 | 0.06 | | | 0.005 | | 1.3 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 16 | 39 | 20 | 2.5 | 1 | 0.13 | | | 0.005 | | 0.8 | 0.05 | 0.25 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 14.3 | 34 | 28.3 | 6.6 | 2.4 | 0.176 | 0.0155 | 0.051 | 0.011 | 0.035 | 0.91 | 0.041 | 0.78 | 0.003 | 0.003 | 0.15 | 0.032 | |
| | Median | 14.5 | 34 | 26.9 | 1.4 | 2.4 | 0.075 | 0.0155 | 0.05 | 0.005 | 0.04 | 0.8 | 0.05 | 0.79 | 0.001 | 0.001 | 0.16 | 0.025 | |
| | St. Deviation | 1.3 | 3 | 9 | 13 | 1.6 | 0.241 | 0 | 0.036 | 0.015 | 0.018 | 0.28 | 0.019 | 0.26 | 0.005 | 0.005 | 0.11 | 0.015 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 12 | 30.5 | 18 | 0.0815 | 0.785 | 0.0155 | 0.0155 | 0.0155 | 0.00155 | 0.0155 | 0.668 | 0.0155 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 16 | 39 | 41.3 | 38 | 4.25 | 0.726 | 0.0155 | 0.0875 | 0.04 | 0.05 | 1.4 | 0.067 | 1.2 | 0.015 | 0.015 | 0.39 | 0.05 | |
| | % of values undetected | | | | 25% | 50% | 25% | 100% | 67% | 63% | 33% | | 75% | 13% | 100% | 100% | 75% | 100% | |
| | # of values between MDL and PQL | | | | 2 | 4 | 3 | | 1 | 2 | 2 | 3 | 2 | 2 | | | 2 | | |
| SP2105 | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 13.9 | 33.5 | 32.5 | 0.722 | 2.5 | 0.155 | | | 0.0435 | | 0.652 | 0.05 | 1.3 | 0.00125 | 0.00125 | 0.36 | 0.0155 | |
| | 10/05/05 | 14.9 | 36.5 | 27 | 0.204 | 3.75 | 0.069 | | | 0.013 | | 0.643 | 0.05 | 1.74 | 0.00125 | 0.00125 | 0.52 | 0.05 | |
| | 06/29/06 | 14.1 | 33.0 | 20.0 | 0.306 | 4.00 | 0.159 | 0.0155 | 0.134 | 0.0130 | 0.0500 | 0.724 | 0.0400 | 6.96 | 0.00105 | 0.0025 | 0.155 | 0.050 | |
| | 08/27/06 | 16.2 | 36.0 | 45.0 | 0.200 | 3.25 | 0.102 | 0.0155 | 0.0990 | 0.0087 | 0.0700 | 0.772 | 0.0680 | 1.57 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/06/06 | 14.5 | 37.0 | 42.5 | 0.075 | 1.57 | 0.050 | 0.0155 | 0.0695 | 0.0100 | 0.0155 | 0.756 | 0.0580 | 1.62 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/21/07 | 14.1 | 36.0 | 32.5 | 0.150 | 6.00 | 0.161 | | | 0.0070 | | 0.796 | 0.0500 | 1.43 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 16 | 39 | 20 | 2.5 | 1 | 0.12 | | | 0.02 | | 1.0 | 0.05 | 1.5 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/05/07 | 18 | 43 | 30 | 2.5 | 1 | 0.09 | | | 0.005 | | 1.4 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 17 | 41 | 20 | 8 | 1 | 0.04 | | | 0.005 | | 0.9 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 15.4 | 37 | 30 | 1.6 | 2.7 | 0.11 | 0.0155 | 0.101 | 0.014 | 0.045 | 0.85 | 0.052 | 2.15 | 0.003 | 0.003 | 0.18 | 0.03 | |
| | Median | 14.9 | 36.5 | 30 | 0.306 | 2.5 | 0.102 | 0.0155 | 0.099 | 0.01 | 0.05 | 0.772 | 0.05 | 1.57 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 1.5 | 3 | 9 | 2.6 | 1.7 | 0.05 | 0 | 0.032 | 0.012 | 0.028 | 0.24 | 0.008 | 1.81 | 0.005 | 0.005 | 0.16 | 0.015 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 13.9 | 33 | 20 | 0.075 | 1 | 0.04 | 0.0155 | 0.0695 | 0.005 | 0.0155 | 0.643 | 0.04 | 1.3 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 18 | 43 | 45 | 8 | 6 | 0.161 | 0.0155 | 0.134 | 0.0435 | 0.07 | 1.4 | 0.068 | 6.96 | 0.015 | 0.015 | 0.52 | 0.05 | |
| | % of values undetected | | | | 44% | 44% | 11% | 100% | | 22% | 33% | | 56% | | 100% | 100% | 78% | 100% | |
| | # of values between MDL and PQL | | | | 4 | 5 | 3 | | 2 | 4 | 2 | 3 | 4 | 3 | | | 2 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2005 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/18/05 | 2.61 | 1 | 0.132 | 0.005 | 0.285 | 0.125 | 0.859 | 0.92 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 5280 | 5250 | 0.342 | 0.405 | 0.0084 | 0.0076 |
| | 10/05/05 | 3.26 | 2.02 | 0.00155 | | 0.479 | 0.125 | 0.954 | 0.989 | 0.0075 | 0.0075 | 0.00155 | | 1.55 | 1.55 | 0.00775 | 0.00775 | 4840 | 5020 | 0.441 | 0.407 | 0.0142 | |
| | 06/29/06 | 11.6 | 2.71 | 0.0250 | 0.0250 | 0.155 | 0.155 | 0.773 | 0.879 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 4450 | 4450 | 0.462 | 0.650 | 0.0100 | 0.0240 |
| | 08/27/06 | 16.7 | 2.35 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.851 | 0.866 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5020 | 4930 | 0.576 | 0.617 | 0.0140 | 0.0164 |
| | 10/03/06 | 2.39 | 2.47 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.884 | 1.08 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5010 | 4820 | 0.050 | 0.050 | 0.0065 | 0.0065 |
| | 08/04/07 | 58 | 13 | 0.2 | 0.2 | 0.25 | 0.25 | 1.1 | 1.1 | 0.05 | 0.05 | 20 | 20 | 1 | 1.8 | 0.05 | 0.05 | 4500 | 4200 | 0.7 | 0.05 | 0.025 | 0.025 |
| | 09/05/07 | 59 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 1.7 | 0.05 | 0.05 | 20 | 40 | 2.1 | 1.3 | 0.05 | 0.05 | 4500 | 4900 | 0.05 | 0.25 | 0.025 | 0.2 |
| | 10/24/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 5000 | 5500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 19.5 | 4 | 0.1 | 0.09 | 0.247 | 0.183 | 1.12 | 1.08 | 0.025 | 0.025 | 8 | 11 | 1.37 | 1.37 | 0.0269 | 0.0269 | 4830 | 4880 | 0.359 | 0.33 | 0.016 | 0.04 |
| | Median | 7.4 | 2.5 | 0.08 | 0.03 | 0.25 | 0.155 | 0.92 | 0.99 | 0.013 | 0.013 | 0 | 0 | 1.38 | 1.4 | 0.0185 | 0.0185 | 4920 | 4920 | 0.392 | 0.33 | 0.014 | 0.02 |
| | St. Deviation | 24.6 | 3.9 | 0.1 | 0.1 | 0.107 | 0.057 | 0.44 | 0.29 | 0.021 | 0.021 | 10 | 16 | 0.41 | 0.31 | 0.0196 | 0.0196 | 310 | 410 | 0.234 | 0.23 | 0.008 | 0.07 |
| | # of values | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 2.39 | 1 | 0.00155 | 0.005 | 0.155 | 0.125 | 0.773 | 0.866 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 0.75 | 0.00775 | 0.00775 | 4450 | 4200 | 0.05 | 0.05 | 0.0065 | 0.0065 |
| | Maximum | 59 | 13 | 0.2 | 0.2 | 0.479 | 0.25 | 2.1 | 1.7 | 0.05 | 0.05 | 20 | 40 | 2.1 | 1.8 | 0.05 | 0.05 | 5280 | 5500 | 0.7 | 0.65 | 0.025 | 0.2 |
| | % of values undetected | 13% | 25% | 88% | 100% | 75% | 100% | | | 100% | 100% | 100% | 100% | 63% | 63% | 100% | 100% | | | 38% | 50% | 63% | 43% |
| | # of values between MDL and PQL | | | | | 2 | | | | | | | | | | | | | | | | 2 | 3 |
| SP2105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 1 | 1 | 0.0252 | 0.0332 | 0.125 | 0.125 | 1.19 | 1.18 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 4240 | 4280 | 0.1 | 0.206 | ##### | 0.00155 |
| | 10/05/05 | 23.1 | 1.29 | 0.0898 | 0.0276 | 0.579 | 0.337 | 3.95 | 1.47 | 0.0075 | 0.0075 | 0.00155 | 0.01 | 1.55 | 1.55 | 0.131 | 0.00775 | 4620 | 4880 | 9.7 | 0.524 | 0.244 | 0.0304 |
| | 06/29/06 | 5.43 | 1.00 | 0.0250 | 0.0250 | 0.429 | 0.401 | 1.42 | 1.68 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 1.91 | 0.0125 | 0.0125 | 4360 | 4850 | 0.581 | 0.707 | 0.0210 | 0.0248 |
| | 08/27/06 | 12.5 | 1.54 | 0.0075 | 0.0075 | 0.421 | 0.318 | 1.57 | 1.52 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5150 | 5230 | 0.650 | 0.673 | 0.0168 | 0.0202 |
| | 10/06/06 | 1.00 | 2.09 | 0.0075 | 0.0382 | 0.155 | 0.155 | 1.41 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4560 | 5100 | 0.050 | 0.050 | 0.0065 | 0.0065 |
| | 05/21/07 | 24.5 | 2.51 | 0.0250 | 0.0250 | 0.155 | 0.155 | 1.98 | 1.63 | 0.0125 | 0.0125 | 0.0075 | 0.0250 | 1.25 | 1.25 | 0.0075 | 0.0075 | 4330 | 4300 | 0.396 | 0.100 | 0.0178 | |
| | 08/04/07 | 6 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.1 | 0.05 | 0.05 | 5000 | 4900 | 0.2 | 0.3 | 0.025 | 0.025 |
| | 09/05/07 | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 40 | 1.9 | 2 | 0.05 | 0.05 | 5400 | 5600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/24/07 | 2.5 | 2.5 | 0.2 | 0.2 | 1 | 0.25 | 2.9 | 3.3 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.7 | 0.05 | 0.05 | 5200 | 5400 | 0.8 | 0.6 | 0.025 | 0.025 |
| | Mean | 9 | 3 | 0.09 | 0.08 | 0.37 | 0.249 | 2.04 | 1.86 | 0.024 | 0.024 | 7 | 9 | 1.42 | 1.51 | 0.038 | 0.0247 | 4760 | 4900 | 1.4 | 0.38 | 0.04 | 0.02 |
| | Median | 6 | 2.09 | 0.0252 | 0.0332 | 0.25 | 0.25 | 1.7 | 1.655 | 0.0125 | 0.0125 | 0.0075 | 0.01 | 1.5 | 1.55 | 0.0185 | 0.0185 | 4620 | 4900 | 0.396 | 0.3 | 0.021 | 0.0249 |
| | St. Deviation | 9 | 3 | 0.09 | 0.09 | 0.28 | 0.093 | 0.88 | 0.68 | 0.02 | 0.02 | 10 | 15 | 0.34 | 0.32 | 0.039 | 0.0194 | 430 | 400 | 3.1 | 0.25 | 0.08 | 0.01 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 |
| | Minimum | 1 | 1 | 0.0075 | 0.0075 | 0.125 | 0.125 | 1.19 | 1.18 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.75 | 1.1 | 0.0075 | 0.0075 | 4240 | 4280 | 0.05 | 0.05 | 0.0016 | 0.00155 |
| | Maximum | 24.5 | 10 | 0.2 | 0.2 | 1 | 0.401 | 3.95 | 3.3 | 0.05 | 0.05 | 20 | 40 | 1.9 | 2 | 0.131 | 0.05 | 5400 | 5600 | 9.7 | 0.707 | 0.244 | 0.0304 |
| | % of values undetected | 33% | 44% | 78% | 67% | 56% | 67% | | | 100% | 100% | 100% | 89% | 67% | 56% | 89% | 100% | | | 33% | 33% | 56% | 63% |
| | # of values between MDL and PQL | | 2 | | 1 | 2 | 3 | | | | | | | | 1 | | | | | 1 | 1 | 2 | |

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December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2005 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/18/05 | 0.05 | 0.109 | 3.1 | 3.1 | 0.0155 | 0.127 | 558 | 568 | 0.1 | 0.1 | 0.000450 | 0.0714 | 0.0524 | 0.163 | | 223 | 237 | 0.0775 | 0.0775 | 3700 | 0.0031 | 0.0031 |
| | 10/05/05 | 0.111 | 0.164 | 3.1 | 3.1 | 0.0155 | | 527 | 543 | 0.0636 | 0.1 | 0.000450 | 0.0031 | | 0.155 | | 192 | 216 | 0.0775 | 0.0775 | 4140 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.129 | 0.195 | 11.7 | 3.10 | 0.139 | | 530 | 530 | 0.257 | 0.111 | 0.000475 | 0.0372 | 0.0356 | 0.243 | | 167 | 170 | 0.155 | 0.155 | 4020 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.126 | | 17.3 | 3.10 | 0.0866 | | 500 | 514 | 0.340 | 0.150 | 0.0025 | 0.0145 | 0.0145 | 0.266 | | 184 | 191 | 0.155 | 0.155 | 3730 | 0.0031 | 0.0031 |
| | 10/03/06 | 0.0155 | | 12.0 | 11.6 | 0.0354 | | 573 | 572 | 0.0534 | 0.0994 | 0.000475 | 0.0530 | 0.0618 | 0.0632 | | 172 | 167 | 0.155 | 0.155 | 3800 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 90 | 10 | 0.05 | 0.05 | 400 | 400 | 5.6 | 1.5 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3400 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 120 | 10 | 0.05 | 0.05 | 500 | 500 | 11.4 | 1.5 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 3900 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.0191 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4200 | 0.025 | 0.025 |
| | Mean | 0.148 | 0.203 | 30 | 7 | 0.055 | 0.069 | 510 | 528 | 2.3 | 0.5 | 0.0033 | 0.12 | 0.131 | 0.224 | 0.3 | 174 | 198 | 0.096 | 0.096 | 3900 | 0.011 | 0.011 |
| | Median | 0.128 | 0.223 | 10 | 7 | 0.05 | 0.05 | 510 | 537 | 0.3 | 0.1 | 0.0005 | 0.06 | 0.062 | 0.255 | 0.3 | 170 | 181 | 0.078 | 0.078 | 3900 | 0.003 | 0.003 |
| | St. Deviation | 0.093 | 0.058 | 50 | 4 | 0.041 | 0.039 | 50 | 61 | 4.2 | 0.6 | 0.0065 | 0.11 | 0.113 | 0.088 | 0 | 26 | 52 | 0.05 | 0.05 | 300 | 0.011 | 0.011 |
| | # of values | 8 | 6 | 8 | 8 | 8 | 4 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.0155 | 0.109 | 3.1 | 3.1 | 0.0155 | 0.05 | 400 | 400 | 0.0534 | 0.0994 | 0.000169 | 0.0031 | 0.0145 | 0.0632 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3400 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.25 | 120 | 11.6 | 0.139 | 0.127 | 573 | 600 | 11.4 | 1.5 | 0.0191 | 0.25 | 0.25 | 0.3 | 0.3 | 223 | 300 | 0.155 | 0.155 | 4200 | 0.025 | 0.025 |
| | % of values undetected | 63% | 50% | 38% | 88% | 63% | 75% | | | 25% | 50% | 88% | 63% | 57% | 38% | 100% | 38% | 38% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 3 | 1 | 2 | | 3 | 3 | 1 | 1 | | 1 | 1 | 1 | | | | | | | | |
| SP2105 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 0.05 | 0.05 | 3.1 | 3.1 | 0.0155 | 0.102 | 815 | 808 | 0.031 | 0.1 | 0.000450 | 0.075 | 0.0844 | 0.115 | | 239 | 251 | 0.0775 | 0.0775 | 4670 | 0.0031 | 0.0031 |
| | 10/05/05 | 3.9 | 0.166 | 62.9 | 10 | 1.49 | 0.265 | 808 | 815 | 9.96 | 0.1 | 0.000450 | 2.43 | 0.0804 | 147 | 0.609 | 242 | 265 | 0.0775 | 0.0775 | 5520 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.121 | 0.190 | 7.21 | 3.10 | 1.92 | 0.314 | 775 | 859 | 0.530 | 0.144 | 0.000475 | 0.0598 | 0.0604 | 0.260 | | 233 | 271 | 0.155 | 0.155 | 5490 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.129 | | 13.2 | 3.10 | 0.319 | 0.155 | 817 | 831 | 0.870 | 0.153 | 0.000475 | 0.0360 | 0.0330 | 0.258 | | 284 | 295 | 0.155 | 0.155 | 4940 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.050 | 0.153 | 3.10 | 7.41 | 0.0440 | 0.0155 | 767 | 902 | 0.0125 | 0.0676 | 0.000475 | 0.0648 | 0.0820 | 0.0310 | 0.118 | 217 | 265 | 0.155 | 0.155 | 4820 | 0.0031 | 0.0031 |
| | 05/21/07 | 0.115 | | 29.3 | 13.9 | 0.050 | 0.050 | 785 | 815 | 0.828 | | 0.000169 | 0.0952 | 0.0998 | 0.100 | | 243 | 255 | 0.155 | 0.155 | 4990 | 0.0100 | 0.0031 |
| | 08/04/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.5 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 300 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000464 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | Mean | 0.6 | 0.2 | 17 | 8 | 0.5 | 0.117 | 807 | 860 | 1.5 | 0.2 | 0.00062 | 0.4 | 0.13 | 20 | 0.33 | 350 | 245 | 0.103 | 0.103 | 5060 | 0.011 | 0.01 |
| | Median | 0.129 | 0.19 | 10 | 10 | 0.05 | 0.05 | 800 | 831 | 0.5 | 0.1485 | 0.000464 | 0.0952 | 0.0844 | 0.26 | 0.3 | 242 | 265 | 0.0775 | 0.0775 | 4990 | 0.0031 | 0.0031 |
| | St. Deviation | 1.3 | 0.1 | 19 | 4 | 0.7 | 0.106 | 39 | 70 | 3.2 | 0.1 | 0.00071 | 0.8 | 0.09 | 50 | 0.18 | 260 | 56 | 0.051 | 0.051 | 290 | 0.011 | 0.011 |
| | # of values | 9 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.05 | 0.05 | 3.1 | 3.1 | 0.0155 | 0.0155 | 767 | 800 | 0.0125 | 0.0676 | 0.000169 | 0.036 | 0.033 | 0.031 | 0.118 | 150 | 150 | 0.05 | 0.05 | 4670 | 0.0031 | 0.0031 |
| | Maximum | 3.9 | 0.5 | 62.9 | 13.9 | 1.92 | 0.314 | 900 | 1000 | 9.96 | 0.25 | 0.0025 | 2.43 | 0.25 | 147 | 0.609 | 1000 | 300 | 0.155 | 0.155 | 5520 | 0.025 | 0.025 |
| | % of values undetected | 56% | 43% | 56% | 78% | 56% | 56% | | | 44% | 63% | 89% | 33% | 33% | 56% | 60% | 22% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 2 | 2 | 1 | | 3 | 3 | 1 | | 1 | 1 | 1 | | 1 | 1 | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2005 | | | | | | | | | | | |
| | 07/18/05 | 1690 | 1690 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.35 | 3.66 | |
| | 10/05/05 | 1540 | 1600 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.421 | 0.1 | 0.616 | 1.42 |
| | 06/29/06 | 1510 | 1570 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.110 | 0.110 | 2.61 | 1.11 |
| | 08/27/06 | 1510 | 1520 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.08 | 2.46 |
| | 10/03/06 | 1640 | 1650 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | 0.50 |
| | 08/04/07 | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/05/07 | 1400 | 1500 | 0.25 | 0.25 | 0.05 | 0.05 | 0.3 | 0.1 | 5 | 1 |
| | 10/24/07 | 1500 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1510 | 1580 | 0.05 | 0.05 | 0.041 | 0.041 | 0.25 | 0.22 | 2.1 | 1 |
| | Median | 1510 | 1590 | 0.01 | 0.01 | 0.05 | 0.05 | 0.25 | 0.18 | 1.5 | 1 |
| | St. Deviation | 120 | 100 | 0.09 | 0.09 | 0.013 | 0.013 | 0.15 | 0.15 | 1.6 | 1 |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 1300 | 1400 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 0.5 |
| | Maximum | 1690 | 1700 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 5 | 2.46 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 75% | 88% | 50% | 57% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | 1 | 1 | 1 |
| SP2105 | | | | | | | | | | | |
| | 07/17/05 | 1730 | 1750 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 10.3 | |
| | 10/05/05 | 1590 | 1670 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.399 | 0.216 | 11.5 | 0.93 |
| | 06/29/06 | 1570 | 1760 | 0.0052 | 0.0025 | 0.0155 | 0.0322 | 0.110 | 0.110 | 1.69 | 1.25 |
| | 08/27/06 | 1650 | 1690 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.19 | 2.99 |
| | 10/06/06 | 1520 | 1740 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.516 | 0.250 | 0.50 | |
| | 05/21/07 | 1640 | 1710 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/04/07 | 1700 | 1800 | 0.05 | 0.1 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/05/07 | 1800 | 1700 | 0.7 | 0.8 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 1 |
| | 10/24/07 | 1600 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1640 | 1740 | 0.09 | 0.11 | 0.042 | 0.044 | 0.2 | 0.15 | 4 | 1 |
| | Median | 1640 | 1740 | 0.005 | 0.005 | 0.05 | 0.05 | 0.11 | 0.11 | 1.69 | 1 |
| | St. Deviation | 90 | 50 | 0.23 | 0.26 | 0.013 | 0.009 | 0.15 | 0.07 | 4 | 1 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 6 |
| | Minimum | 1520 | 1670 | 0.0031 | 0.0025 | 0.0155 | 0.031 | 0.1 | 0.1 | 0.5 | 0.93 |
| | Maximum | 1800 | 1800 | 0.7 | 0.8 | 0.05 | 0.05 | 0.516 | 0.25 | 11.5 | 2.99 |
| | % of values undetected | | | 78% | 78% | 100% | 89% | 78% | 89% | 56% | 50% |
| | # of values between MDL and PQL | 3 | 3 | 1 | 1 | | | 1 | 2 | 1 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP2205 | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 24.1 | 60 | 40 | 1.4 | 4.75 | 0.186 | | | 0.046 | | 0.739 | 0.05 | 5.42 | 0.00125 | 0.00125 | 0.40 | 0.0155 | |
| | 10/05/05 | 22.8 | 65 | 35 | 2.83 | 7.25 | 0.203 | | | 0.017 | | 0.783 | 0.05 | 5.96 | 0.00125 | 0.00125 | 0.28 | 0.05 | |
| | 06/29/06 | 23.5 | 50.0 | 37.5 | 5.57 | 3.50 | 0.150 | 0.0155 | 0.129 | 0.0220 | 0.0500 | 0.714 | 0.0450 | 5.91 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/27/06 | 26.4 | 55.0 | 56.2 | 0.076 | 6.25 | 0.185 | 0.0155 | 0.182 | 0.0070 | 0.0155 | 0.829 | 0.0630 | 6.74 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/06/06 | 23.7 | 55.0 | 51.2 | 0.150 | 5.25 | 0.174 | 0.0155 | 0.165 | 0.0140 | 0.0155 | 0.793 | 0.0670 | 6.74 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/21/07 | 23.6 | 60.0 | 48.8 | 1.62 | 3.50 | 0.173 | | | 0.0080 | | 0.777 | 0.0380 | 6.17 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/04/07 | 27 | 65 | 40 | 2.5 | 1 | 0.22 | | | 0.005 | | 1.0 | 0.1 | 6.6 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/08/07 | 25 | 66 | 40 | 2.5 | 1 | 0.19 | | | 0.005 | | 1.2 | 0.05 | 7.2 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 28 | 69 | 40 | 2.5 | 1 | 0.19 | | | 0.005 | | 0.9 | 0.05 | 6.6 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 24.9 | 61 | 43 | 2.1 | 3.7 | 0.186 | 0.0155 | 0.159 | 0.014 | 0.027 | 0.86 | 0.06 | 6.37 | 0.004 | 0.003 | 0.16 | 0.034 | |
| | Median | 24.1 | 60 | 40 | 2.5 | 3.5 | 0.186 | 0.0155 | 0.165 | 0.008 | 0.0155 | 0.793 | 0.05 | 6.6 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 1.8 | 6 | 7 | 1.6 | 2.4 | 0.02 | 0 | 0.027 | 0.013 | 0.0199 | 0.15 | 0.02 | 0.55 | 0.006 | 0.005 | 0.12 | 0.016 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 22.8 | 50 | 35 | 0.076 | 1 | 0.15 | 0.0155 | 0.129 | 0.005 | 0.0155 | 0.714 | 0.038 | 5.42 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 28 | 69 | 56.2 | 5.57 | 7.25 | 0.22 | 0.0155 | 0.182 | 0.046 | 0.05 | 1.2 | 0.1 | 7.2 | 0.015 | 0.015 | 0.4 | 0.05 | |
| | % of values undetected | | | | 56% | 33% | | 100% | | 33% | 67% | | 44% | | 100% | 100% | 78% | 100% | |
| | # of values between MDL and PQL | | | | | 5 | | | | 3 | 1 | 3 | 5 | | | | 2 | | |
| SP2305 | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 28 | 65 | 47.5 | 0.408 | 0.785 | 11.5 | | | 0.051 | | 0.825 | 0.068 | 236 | 0.00125 | 0.00125 | 0.22 | 0.0155 | |
| | 10/07/05 | 27.8 | 65 | 35 | 0.404 | 4.13 | 0.17 | | | 0.013 | | 0.687 | 0.07 | 12.5 | 0.00125 | 0.00125 | 0.21 | 0.05 | |
| | 06/28/06 | 22.4 | 55.0 | 38.8 | 0.303 | 8.00 | 0.229 | 0.050 | 0.192 | 0.0070 | 0.0600 | 0.845 | 0.0490 | 11.0 | 0.00105 | 0.00075 | 0.155 | 0.0155 | |
| | 08/26/06 | 28.4 | 60.0 | 60.0 | 1.10 | 8.50 | 0.140 | 0.0155 | 0.140 | 0.0075 | 0.0155 | 0.768 | 0.0430 | 13.6 | 0.0025 | 0.00075 | 0.155 | 0.0155 | |
| | 10/04/06 | 23.8 | 60.0 | 35.0 | 0.0805 | 12.0 | 0.0715 | 0.0155 | 0.0670 | 0.0040 | 0.0155 | 0.704 | 0.0800 | 11.7 | 0.00075 | 0.0020 | 0.155 | 0.050 | |
| | 05/23/07 | 25.0 | 60.0 | 52.5 | 0.1595 | 5.00 | 0.237 | | | 0.0050 | | 0.779 | 0.0580 | 12.5 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/05/07 | 27 | 63 | 40 | 2.5 | 1 | 0.18 | | | 0.005 | | 1.0 | 0.05 | 12.9 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/07/07 | 33 | 71 | 50 | 2.5 | 1 | 0.13 | | | 0.005 | | 0.8 | 0.05 | 15.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 24 | 57 | 20 | 2.5 | 1 | 0.16 | | | 0.01 | | 0.8 | 0.05 | 9.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 27 | 62 | 42 | 1.11 | 5 | 1 | 0.027 | 0.13 | 0.012 | 0.0303 | 0.8 | 0.058 | 37 | 0.003 | 0.003 | 0.13 | 0.03 | |
| | Median | 27 | 60 | 40 | 0.408 | 4.13 | 0.17 | 0.0155 | 0.14 | 0.007 | 0.0155 | 0.8 | 0.05 | 12.5 | 0.00125 | 0.00125 | 0.155 | 0.025 | |
| | St. Deviation | 3 | 5 | 12 | 1.08 | 4 | 4 | 0.0199 | 0.06 | 0.015 | 0.0257 | 0.09 | 0.012 | 75 | 0.005 | 0.005 | 0.07 | 0.015 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 22.4 | 55 | 20 | 0.0805 | 0.785 | 0.0715 | 0.0155 | 0.067 | 0.004 | 0.0155 | 0.687 | 0.043 | 9.3 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 33 | 71 | 60 | 2.5 | 12 | 11.5 | 0.05 | 0.192 | 0.051 | 0.06 | 1 | 0.08 | 236 | 0.015 | 0.015 | 0.22 | 0.05 | |
| | % of values undetected | | | | 56% | 44% | | 100% | | 22% | 67% | | 33% | | 100% | 89% | 78% | 100% | |
| | # of values between MDL and PQL | | | | | 3 | 3 | 1 | | 1 | 6 | 1 | 3 | 6 | | 1 | 2 | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP2205 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 25.2 | 1 | 0.0186 | 0.0174 | 0.125 | 0.125 | 2.09 | 1.78 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 7260 | 7370 | 0.1 | 0.1 | 0.011 | 0.0038 |
| | 10/05/05 | 57.3 | 1.02 | 0.0176 | | 0.494 | 0.125 | 2.41 | 2.01 | 0.0075 | 0.0075 | 0.005 | 0.005 | 1.55 | 1.55 | 0.00775 | 0.00775 | 7100 | 7740 | 0.303 | 0.465 | 0.0504 | 0.0322 |
| | 06/29/06 | 101 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.64 | 2.19 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 2.04 | 0.75 | 0.0125 | 0.0125 | 7280 | 7030 | 1.12 | 0.698 | 0.0700 | 0.0340 |
| | 08/27/06 | 5.39 | 1.24 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.07 | 1.99 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 8310 | 8030 | 0.621 | 0.564 | 0.0196 | 0.0212 |
| | 10/06/06 | 2.65 | 1.00 | 0.0075 | 0.0234 | 0.155 | 0.155 | 1.97 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 7510 | 8230 | 0.050 | 0.182 | 0.0065 | 0.0065 |
| | 05/21/07 | 9.91 | 2.96 | 0.0250 | 0.0632 | 0.155 | 0.155 | 2.08 | 2.21 | 0.0125 | 0.0125 | 0.0075 | 0.0250 | 1.25 | 1.25 | 0.0075 | 0.0075 | 7290 | 7440 | 0.245 | 0.100 | 0.0168 | |
| | 08/04/07 | 21 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.8 | 0.05 | 0.05 | 8300 | 8400 | 0.05 | 0.3 | 0.025 | 0.025 |
| | 09/08/07 | 2.5 | | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1.9 | 2.5 | 0.05 | 0.05 | 9400 | 7900 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/24/07 | 184 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.9 | 5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 2.1 | 0.05 | 0.05 | 8000 | 8600 | 0.6 | 0.25 | 0.09 | 0.025 |
| | Mean | 45 | 3 | 0.08 | 0.09 | 0.221 | 0.18 | 2.57 | 2.48 | 0.024 | 0.024 | 7 | 7 | 1.57 | 1.56 | 0.0247 | 0.0247 | 7830 | 7860 | 0.3 | 0.3 | 0.035 | 0.022 |
| | Median | 21 | 1.13 | 0.025 | 0.0441 | 0.155 | 0.155 | 2.2 | 2.19 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.55 | 1.55 | 0.0185 | 0.0185 | 7510 | 7900 | 0.245 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 61 | 3 | 0.09 | 0.09 | 0.114 | 0.054 | 0.92 | 1.12 | 0.02 | 0.02 | 10 | 10 | 0.29 | 0.52 | 0.0194 | 0.0194 | 750 | 520 | 0.4 | 0.23 | 0.029 | 0.011 |
| | # of values | 9 | 8 | 9 | 8 | 9 | 9 | 9 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 |
| | Minimum | 2.5 | 1 | 0.0075 | 0.0075 | 0.125 | 0.125 | 1.97 | 1.78 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.25 | 0.75 | 0.0075 | 0.0075 | 7100 | 7030 | 0.05 | 0.05 | 0.0065 | 0.0038 |
| | Maximum | 184 | 11 | 0.2 | 0.2 | 0.494 | 0.25 | 4.9 | 5 | 0.05 | 0.05 | 20 | 20 | 2.04 | 2.5 | 0.05 | 0.05 | 9400 | 8600 | 1.12 | 0.698 | 0.09 | 0.034 |
| | % of values undetected | 11% | 50% | 78% | 63% | 89% | 100% | | | 100% | 100% | 100% | 100% | 56% | 67% | 100% | 100% | | | 44% | 44% | 33% | 50% |
| | # of values between MDL and PQL | | 2 | | 1 | 1 | | | | | | | | 1 | | | | | | 2 | 3 | | 1 |
| SP2305 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 13.8 | 11.6 | 0.018 | 0.0208 | 0.125 | 0.125 | 4.46 | 4.28 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 1.55 | 1.55 | 0.00775 | 0.00775 | 8730 | 7650 | 0.497 | 0.321 | 0.0142 | 0.0208 |
| | 10/07/05 | 2.23 | 2.52 | 0.0696 | 0.0066 | 0.125 | 0.125 | 4.99 | 4.8 | 0.0075 | 0.0075 | 0.0142 | 0.0162 | 1.55 | 1.55 | 0.0228 | 0.024 | 8520 | 7990 | 0.509 | 0.543 | 0.0224 | 0.0292 |
| | 06/28/06 | 3.23 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.95 | 4.15 | 0.0120 | 0.0120 | 0.0212 | 0.0188 | 0.75 | 0.75 | 0.0270 | 0.0125 | 6900 | 6850 | 0.445 | 0.560 | 0.0464 | 0.0450 |
| | 08/26/06 | 2.23 | 1.66 | 0.0178 | 0.0075 | 0.155 | 0.155 | 4.72 | 5.02 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 8690 | 8280 | 0.540 | 0.544 | 0.0294 | 0.0065 |
| | 10/04/06 | 2.48 | 2.33 | 0.0250 | 0.0250 | 0.339 | 0.155 | 4.87 | 5.57 | 0.0125 | 0.0125 | 0.0164 | 0.0214 | 1.25 | 1.25 | 0.0185 | 0.0185 | 7140 | 8350 | 0.123 | 0.228 | 0.0170 | 0.0268 |
| | 05/23/07 | 1.00 | 2.30 | 0.0646 | 0.0250 | 0.155 | 0.155 | 5.64 | 4.28 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0332 | 0.0238 | 7660 | 7000 | 0.359 | 0.100 | 0.0222 | 0.0158 |
| | 08/05/07 | 2.5 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 4.8 | 5.2 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.8 | 0.05 | 0.05 | 8500 | 8500 | 0.1 | 0.3 | 0.025 | 0.025 |
| | 09/07/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.5 | 4.8 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 9300 | 10200 | 0.25 | 0.25 | 0.06 | 0.025 |
| | 10/26/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.6 | 0.05 | 0.05 | 7400 | 7600 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 4.5 | 4 | 0.09 | 0.08 | 0.2 | 0.18 | 4.79 | 4.76 | 0.024 | 0.024 | 7 | 7 | 1.13 | 1.28 | 0.0309 | 0.0283 | 8090 | 8000 | 0.38 | 0.34 | 0.0291 | 0.024 |
| | Median | 2.5 | 2.5 | 0.0646 | 0.025 | 0.155 | 0.155 | 4.8 | 4.8 | 0.0125 | 0.0125 | 0.0164 | 0.0188 | 1.25 | 1.25 | 0.027 | 0.0238 | 8500 | 7990 | 0.445 | 0.3 | 0.025 | 0.025 |
| | St. Deviation | 4 | 4 | 0.08 | 0.09 | 0.074 | 0.054 | 0.48 | 0.5 | 0.02 | 0.02 | 10 | 10 | 0.37 | 0.42 | 0.0159 | 0.017 | 830 | 1000 | 0.184 | 0.17 | 0.0148 | 0.01 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 1 | 1 | 0.0178 | 0.0066 | 0.125 | 0.125 | 3.95 | 4.15 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.5 | 0.5 | 0.00775 | 0.00775 | 6900 | 6850 | 0.1 | 0.1 | 0.0142 | 0.0065 |
| | Maximum | 13.8 | 11.6 | 0.2 | 0.339 | 0.25 | 5.64 | 5.57 | 5.57 | 0.05 | 0.05 | 20 | 20 | 1.55 | 1.8 | 0.05 | 0.05 | 9300 | 10200 | 0.6 | 0.56 | 0.06 | 0.045 |
| | % of values undetected | 22% | 33% | 56% | 78% | 89% | 100% | | | 100% | 100% | 67% | 67% | 78% | 78% | 67% | 78% | | | 11% | 33% | 22% | 44% |
| | # of values between MDL and PQL | | 1 | 1 | 1 | 1 | | | | | | 2 | 2 | 1 | | 3 | 2 | | | 2 | 1 | 2 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|--------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved | |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2205 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/17/05 | 0.05 | | 20.9 | 3.1 | 0.122 | 0.164 | 1440 | 1440 | 0.708 | 0.1 | 0.000450 | 0.191 | 0.197 | 0.25 | | | 342 | 356 | 0.0775 | 0.0775 | 5660 | 0.0031 | 0.0031 |
| | 10/05/05 | 0.2 | 0.185 | 64.2 | 3.1 | 0.0155 | | 1240 | 1320 | 1.9 | 0.231 | 0.000450 | 0.193 | 0.213 | 0.307 | | | 324 | 347 | 0.0775 | 0.0775 | 6620 | 0.0031 | 0.0031 |
| | 06/29/06 | 0.271 | 0.223 | 110 | 3.10 | 0.108 | | 1290 | 1260 | 3.36 | 0.111 | 0.000475 | 0.187 | 0.215 | 0.444 | | | 357 | 347 | 0.155 | 0.155 | 6350 | 0.0031 | 0.0031 |
| | 08/27/06 | 0.154 | | 13.2 | 3.10 | 0.164 | | 1370 | 1320 | 0.161 | 0.152 | 0.000475 | 0.165 | 0.151 | 0.374 | 0.552 | | 390 | 376 | 0.155 | 0.155 | 5700 | 0.0031 | 0.0031 |
| | 10/06/06 | 0.113 | 0.181 | 14.5 | 15.1 | 0.0155 | 0.0155 | 1200 | 1400 | 0.0942 | 0.0686 | 0.000475 | 0.191 | 0.220 | 0.109 | 0.138 | | 320 | 359 | 0.155 | 0.155 | 5860 | 0.0031 | 0.0031 |
| | 05/21/07 | 0.113 | | 28.7 | 23.5 | 0.0155 | 0.116 | 1320 | 1370 | 0.376 | | 0.000169 | 0.223 | 0.235 | 0.231 | | | 336 | 361 | 0.155 | 0.155 | 5960 | 0.0031 | 0.0031 |
| | 08/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.6 | 0.25 | 0.000169 | 2.5 | 0.25 | 0.3 | 0.3 | | 150 | 150 | 0.2 | 0.1 | 6000 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1600 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | | 400 | 300 | 0.05 | 0.1 | 5900 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 250 | 10 | 0.25 | 0.05 | 1400 | 1500 | 5.5 | 0.25 | 0.000715 | 0.25 | 0.25 | 0.3 | 0.3 | | 150 | 400 | 0.05 | 0.25 | 6600 | 0.025 | 0.025 |
| | Mean | 0.18 | 0.22 | 58 | 9 | 0.088 | 0.074 | 1350 | 1370 | 1.44 | 0.18 | 0.00065 | 0.46 | 0.22 | 0.291 | 0.32 | | 310 | 333 | 0.119 | 0.136 | 6070 | 0.01 | 0.01 |
| | Median | 0.2 | 0.2365 | 20.9 | 10 | 0.05 | 0.05 | 1320 | 1370 | 0.6 | 0.1915 | 0.0004745 | 0.193 | 0.22 | 0.3 | 0.3 | | 336 | 356 | 0.155 | 0.155 | 5960 | 0.0031 | 0.0031 |
| | St. Deviation | 0.08 | 0.03 | 79 | 7 | 0.081 | 0.055 | 120 | 80 | 1.86 | 0.08 | 0.00071 | 0.77 | 0.032 | 0.093 | 0.15 | | 90 | 74 | 0.056 | 0.055 | 360 | 0.011 | 0.011 |
| | # of values | 9 | 6 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 5 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.05 | 0.181 | 10 | 3.1 | 0.0155 | 0.0155 | 1200 | 1260 | 0.0942 | 0.0686 | 0.000169 | 0.165 | 0.151 | 0.109 | 0.138 | | 150 | 150 | 0.05 | 0.0775 | 5660 | 0.0031 | 0.0031 |
| | Maximum | 0.271 | 0.25 | 250 | 23.5 | 0.25 | 0.164 | 1600 | 1500 | 5.5 | 0.25 | 0.0025 | 2.5 | 0.25 | 0.444 | 0.552 | | 400 | 400 | 0.2 | 0.25 | 6620 | 0.025 | 0.025 |
| | % of values undetected | 44% | 50% | 22% | 78% | 67% | 67% | | | 11% | 50% | 89% | 22% | 33% | 33% | 60% | | 22% | 11% | 89% | 78% | 100% | 100% | |
| | # of values between MDL and PQL | | | 2 | 1 | | | | | 1 | | 1 | 1 | | 1 | 1 | | 1 | 2 | 1 | 2 | | | |
| SP2305 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/19/05 | 0.401 | 0.33 | 10 | 3.1 | 0.111 | 0.05 | 1500 | 1390 | 0.242 | 0.1 | 0.000450 | 0.301 | 0.266 | 0.313 | 0.292 | | 510 | 482 | 0.344 | 0.321 | 3820 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.389 | | 3.1 | 6.41 | 0.0155 | | 1600 | 1510 | 0.0722 | 0.163 | 0.000450 | 0.249 | 0.23 | 0.295 | | | 546 | 538 | 0.298 | 0.17 | 4540 | 0.0031 | 0.0031 |
| | 06/28/06 | 0.382 | 0.465 | 3.10 | 7.90 | 0.531 | 0.248 | 1260 | 1290 | 0.120 | 0.133 | 0.000475 | 0.239 | 0.236 | 0.419 | | | 422 | 420 | 0.155 | 0.155 | 3890 | 0.0031 | 0.0031 |
| | 08/26/06 | 0.400 | | 3.10 | | 0.0698 | 0.118 | 1620 | 1370 | 0.0804 | 0.115 | 0.000475 | 0.237 | 0.265 | 0.310 | | | 511 | 471 | 0.155 | 0.390 | 3480 | 0.0031 | 0.0031 |
| | 10/04/06 | 0.439 | 0.416 | 17.8 | 24.7 | 0.0155 | 0.0155 | 1440 | 1590 | 0.0690 | | 0.00313 | 0.302 | 0.315 | 0.229 | 0.277 | | 434 | 501 | 0.155 | 0.450 | 4310 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.389 | 0.254 | 24.9 | 22.2 | 0.124 | 0.0155 | 1420 | 1340 | 0.117 | 0.0700 | 0.000169 | 0.317 | 0.273 | 0.250 | 0.100 | | 480 | 435 | 0.155 | 0.367 | 3840 | 0.0031 | 0.0031 |
| | 08/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | | 1000 | 1000 | 0.4 | 0.3 | 3700 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 90 | 25 | 0.05 | 0.05 | 1600 | 1800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | | 400 | 600 | 0.4 | 0.4 | 4300 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | | 600 | 400 | 0.25 | 0.25 | 4200 | 0.025 | 0.025 |
| | Mean | 0.35 | 0.316 | 19 | 14 | 0.113 | 0.075 | 1400 | 1450 | 0.16 | 0.17 | 0.00115 | 0.266 | 0.259 | 0.3 | 0.262 | | 500 | 540 | 0.257 | 0.31 | 4010 | 0.01 | 0.01 |
| | Median | 0.389 | 0.254 | 10 | 10 | 0.05 | 0.05 | 1440 | 1390 | 0.12 | 0.148 | 0.0004745 | 0.25 | 0.25 | 0.3 | 0.296 | | 510 | 482 | 0.25 | 0.321 | 3890 | 0.0031 | 0.0031 |
| | St. Deviation | 0.077 | 0.091 | 28 | 9 | 0.161 | 0.077 | 100 | 170 | 0.08 | 0.07 | 0.00119 | 0.031 | 0.025 | 0.05 | 0.08 | | 200 | 180 | 0.107 | 0.1 | 340 | 0.011 | 0.011 |
| | # of values | 9 | 7 | 9 | 8 | 9 | 8 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 6 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.25 | 0.25 | 3.1 | 3.1 | 0.0155 | 0.0155 | 1200 | 1290 | 0.069 | 0.07 | 0.000169 | 0.237 | 0.23 | 0.229 | 0.1 | | 400 | 400 | 0.155 | 0.155 | 3480 | 0.0031 | 0.0031 |
| | Maximum | 0.439 | 0.465 | 90 | 25 | 0.531 | 0.248 | 1620 | 1800 | 0.25 | 0.25 | 0.00313 | 0.317 | 0.315 | 0.419 | 0.3 | | 1000 | 1000 | 0.4 | 0.45 | 4540 | 0.025 | 0.025 |
| | % of values undetected | 33% | 43% | 67% | 50% | 56% | 75% | | | 33% | 50% | 89% | 33% | 33% | 33% | 67% | | 11% | 11% | 56% | 22% | 100% | 100% | |
| | # of values between MDL and PQL | | | 1 | 2 | 1 | | | | 1 | 1 | 1 | | | | | | 2 | 2 | 4 | 7 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2205 | | | | | | | | | | | |
| | 07/17/05 | 2570 | 2560 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 10.7 | |
| | 10/05/05 | 2100 | 2300 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 0.48 | 1.29 |
| | 06/29/06 | 2270 | 2290 | 0.0025 | 0.0025 | 0.0640 | 0.0366 | 0.324 | 0.110 | 0.912 | |
| | 08/27/06 | 2380 | 2310 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.06 | 1.41 |
| | 10/06/06 | 2040 | 2440 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.610 | 0.250 | 1.58 | 2.47 |
| | 05/21/07 | 2270 | 2390 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/04/07 | 2400 | 2500 | 0.1 | 0.4 | 0.05 | 0.05 | 0.1 | 0.1 | 2 | 1 |
| | 09/08/07 | 2700 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 1 |
| | 10/24/07 | 2300 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | | | | | | | | | | | |
| | Mean | 2340 | 2410 | 0.02 | 0.06 | 0.047 | 0.044 | 0.25 | 0.14 | 3 | 2 |
| | Median | 2300 | 2400 | 0.005 | 0.005 | 0.05 | 0.05 | 0.155 | 0.1 | 1.58 | 1.35 |
| | St. Deviation | 210 | 100 | 0.03 | 0.13 | 0.01 | 0.009 | 0.19 | 0.06 | 3 | 1.6 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 6 |
| | Minimum | 2040 | 2290 | 0.0025 | 0.0025 | 0.031 | 0.031 | 0.1 | 0.1 | 0.48 | 1 |
| | Maximum | 2700 | 2560 | 0.1 | 0.4 | 0.064 | 0.05 | 0.61 | 0.25 | 10.7 | 5 |
| | % of values undetected | | | 89% | 89% | 89% | 89% | 78% | 100% | 33% | 50% |
| | # of values between MDL and PQL | | | 1 | 1 | 1 | 1 | 2 | | 2 | 1 |
| SP2305 | | | | | | | | | | | |
| | 07/19/05 | 1330 | 1320 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 8.14 | |
| | 10/07/05 | 1380 | 1350 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.341 | 1.84 | 2.31 |
| | 06/28/06 | 1150 | 1130 | 0.0106 | 0.0080 | 0.0155 | 0.0155 | 0.110 | 0.110 | 3.11 | |
| | 08/26/06 | 1300 | 1110 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.54 | 3.45 |
| | 10/04/06 | 1210 | 1370 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 1.06 | |
| | 05/23/07 | 1250 | 1140 | 0.0050 | 0.0050 | 0.513 | 0.050 | 0.155 | 0.155 | 4.08 | 1.41 |
| | 08/05/07 | 1200 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/07/07 | 1300 | 1400 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | 10/26/07 | 1100 | 1200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | | | | | | | | | | | |
| | Mean | 1250 | 1260 | 0.04 | 0.04 | 0.09 | 0.042 | 0.14 | 0.17 | 3.53 | 3 |
| | Median | 1250 | 1300 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.11 | 3.11 | 2.88 |
| | St. Deviation | 90 | 110 | 0.08 | 0.08 | 0.16 | 0.013 | 0.06 | 0.09 | 2.3 | 1.7 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 6 |
| | Minimum | 1100 | 1110 | 0.0031 | 0.0031 | 0.0155 | 0.0155 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1380 | 1400 | 0.25 | 0.25 | 0.513 | 0.05 | 0.25 | 0.341 | 8.14 | 5 |
| | % of values undetected | | | 89% | 89% | 89% | 100% | 100% | 89% | 33% | 50% |
| | # of values between MDL and PQL | 3 | 3 | | 1 | | | | 1 | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP2405 | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 52.1 | 110 | 83.8 | 3.94 | 0.785 | 2.38 | | | 0.107 | | 0.537 | 0.125 | 34.3 | 0.00125 | 0.00125 | 0.51 | 0.067 | |
| | 10/07/05 | 48.4 | 110 | 57.5 | 1.58 | 3.5 | 0.107 | | | 0.033 | | 0.838 | 0.094 | 31.4 | 0.00125 | 0.00125 | 0.65 | 0.05 | |
| | 06/27/06 | 50.7 | 110 | 85.0 | 11.0 | 4.25 | 0.050 | 0.050 | 0.0425 | 0.0296 | 0.0400 | 0.626 | 0.0840 | 34.8 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/28/06 | 43.0 | 90.0 | 78.8 | 3.33 | 4.50 | 0.0155 | 0.0355 | 0.0155 | 0.0370 | 0.0500 | 0.726 | 0.0610 | 28.1 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/05/06 | 44.9 | 100 | 80.0 | 40.0 | 5.25 | 0.050 | 0.0155 | 0.050 | 0.228 | 0.0800 | 0.820 | 0.0880 | 31.8 | 0.00075 | 0.0040 | 0.155 | 0.050 | |
| | 05/23/07 | 47.7 | 100 | 76.3 | 2.49 | 4.00 | 0.050 | | | 0.0460 | | 0.609 | 0.0890 | 31.0 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/05/07 | 54 | 127 | 80 | 2.5 | 1 | 0.01 | | | 0.02 | | 0.9 | 0.05 | 40.7 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/08/07 | 53 | 131 | 80 | 2.5 | 1 | 0.03 | | | 0.01 | | 1.9 | 0.05 | 36.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 48 | 113 | 90 | 2.5 | 1 | 0.01 | | | 0.005 | | 1.0 | 0.05 | 30.1 | 0.0025 | 0.0025 | 0.05 | 0.25 | |
| | Mean | 49.1 | 110 | 79 | 8 | 2.8 | 0.3 | 0.0337 | 0.036 | 0.06 | 0.057 | 0.88 | 0.08 | 33.2 | 0.003 | 0.003 | 0.21 | 0.06 | |
| | Median | 48.4 | 110 | 80 | 2.5 | 3.5 | 0.05 | 0.0355 | 0.0425 | 0.03 | 0.05 | 0.82 | 0.084 | 31.8 | 0.00125 | 0.00125 | 0.155 | 0.05 | |
| | St. Deviation | 3.7 | 10 | 9 | 12 | 1.8 | 0.8 | 0.0173 | 0.0181 | 0.07 | 0.021 | 0.41 | 0.03 | 3.8 | 0.005 | 0.005 | 0.22 | 0.07 | |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 3 | 3 | 9 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | |
| | Minimum | 43 | 90 | 57.5 | 1.58 | 0.785 | 0.01 | 0.0155 | 0.0155 | 0.005 | 0.04 | 0.537 | 0.05 | 28.1 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 54 | 131 | 90 | 40 | 5.25 | 2.38 | 0.05 | 0.05 | 0.228 | 0.08 | 1.9 | 0.125 | 40.7 | 0.015 | 0.015 | 0.65 | 0.25 | |
| | % of values undetected | | | | 33% | 44% | 67% | 67% | 67% | 11% | | | 33% | | 100% | 89% | 78% | 89% | |
| | # of values between MDL and PQL | | | | | 5 | 1 | 1 | 1 | 2 | 3 | 3 | 5 | | | 1 | 2 | 1 | |
| SP2505 | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 27.9 | 65 | 50 | 5.21 | 0.785 | 2.55 | | | 0.112 | | 0.603 | 0.05 | 9.09 | 0.00125 | 0.00125 | 0.55 | 0.0155 | |
| | 10/07/05 | 28.7 | 65 | 21 | 1.5 | 4.25 | 0.153 | | | 0.016 | | 0.587 | 0.049 | 9.46 | 0.00125 | 0.00125 | 0.30 | 0.05 | |
| | 06/27/06 | 26.5 | 60.0 | 56.3 | 0.075 | 5.50 | 0.154 | 0.050 | 0.116 | 0.0080 | 0.0400 | 0.800 | 0.0440 | 9.54 | 0.00105 | 0.00075 | 0.155 | 0.050 | |
| | 08/28/06 | 29.5 | 60.0 | 62.5 | 0.928 | 5.50 | 0.153 | 0.0155 | 0.136 | 0.0079 | 0.0155 | 0.819 | 0.0380 | 8.82 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/05/06 | 26.9 | 60.0 | 36.3 | 0.0775 | 8.50 | 0.124 | 0.0155 | 0.107 | 0.0070 | 0.0900 | 0.848 | 0.0710 | 10.0 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/06/07 | 31 | 71 | 50 | 2.5 | 1 | 0.39 | | | 0.03 | | 0.8 | 0.05 | 10.8 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | 09/08/07 | 32 | 77 | 40 | 2.5 | 1 | 0.17 | | | 0.005 | | 0.8 | 0.05 | 11.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 31 | 72 | 50 | 2.5 | 1 | 0.16 | | | 0.005 | | 0.8 | 0.05 | 9.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 29.2 | 66 | 46 | 1.9 | 3.4 | 0.48 | 0.027 | 0.12 | 0.02 | 0.049 | 0.76 | 0.05 | 9.9 | 0.003 | 0.0015 | 0.18 | 0.032 | |
| | Median | 29.1 | 65 | 50 | 2 | 2.6 | 0.16 | 0.0155 | 0.116 | 0.01 | 0.04 | 0.8 | 0.05 | 9.6 | 0.001 | 0.0013 | 0.16 | 0.025 | |
| | St. Deviation | 2 | 6 | 13 | 1.7 | 2.9 | 0.84 | 0.0199 | 0.015 | 0.04 | 0.038 | 0.1 | 0.009 | 0.9 | 0.005 | 0.0008 | 0.17 | 0.015 | |
| | # of values | 8 | 8 | 8 | 8 | 8 | 8 | 3 | 3 | 8 | 3 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | |
| | Minimum | 26.5 | 60 | 21 | 0.075 | 0.785 | 0.124 | 0.0155 | 0.107 | 0.005 | 0.0155 | 0.587 | 0.038 | 8.82 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 32 | 77 | 62.5 | 5.21 | 8.5 | 2.55 | 0.05 | 0.136 | 0.112 | 0.09 | 0.848 | 0.071 | 11.7 | 0.015 | 0.0025 | 0.55 | 0.05 | |
| | % of values undetected | | | | 63% | 50% | | 100% | | 25% | 33% | | 50% | | 100% | 100% | 75% | 100% | |
| | # of values between MDL and PQL | | | | | 3 | | | | 5 | 2 | 3 | 4 | | | | 2 | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 75.2 | 4.75 | 0.0136 | 0.0128 | 0.293 | 0.125 | 2.32 | 1.75 | 0.0164 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.028 | 0.00775 | 15100 | 13600 | 0.362 | 0.1 | 0.0776 | 0.0306 |
| | 10/07/05 | 27.8 | 5.14 | 0.00155 | | 0.405 | 0.125 | 2.21 | 2.09 | 0.0075 | 0.0075 | 0.0132 | | 1.55 | 1.55 | 0.046 | 0.0752 | 14000 | 13500 | 0.539 | 0.681 | 0.051 | |
| | 06/27/06 | 51.4 | 9.41 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.26 | 1.99 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0458 | 0.0308 | 14600 | 14000 | 0.229 | | 0.0634 | 0.0476 |
| | 08/28/06 | 51.8 | 8.44 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.11 | 2.04 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 12600 | 12200 | 0.490 | 0.568 | 0.0794 | 0.0338 |
| | 10/05/06 | 151 | 7.07 | 0.0075 | 0.0075 | 0.461 | 0.155 | 2.39 | 2.60 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 12900 | 12800 | 0.050 | | 0.210 | 0.0340 |
| | 05/23/07 | 131 | 9.37 | 0.0250 | 0.0706 | 0.155 | 0.155 | 2.29 | 1.97 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0572 | 0.0246 | 14100 | 13000 | 0.050 | 0.050 | 0.195 | 0.0246 |
| | 08/05/07 | 151 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | 2.8 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.7 | 0.05 | 0.05 | 17100 | 15700 | 0.2 | 0.05 | 0.12 | 0.025 |
| | 09/08/07 | 83 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 2.5 | 2.7 | 0.05 | 0.05 | 20 | 20 | 1.1 | 0.5 | 0.05 | 0.05 | 15700 | 15400 | 0.25 | 0.25 | 0.18 | 0.025 |
| | 10/26/07 | 11 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 3 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.3 | 0.05 | 0.05 | 14000 | 13900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 81 | 8.9 | 0.08 | 0.09 | 0.264 | 0.18 | 2.44 | 2.33 | 0.025 | 0.024 | 7 | 8 | 1.6 | 1.6 | 0.04 | 0.0362 | 14500 | 13800 | 0.27 | 0.28 | 0.11 | 0.0307 |
| | Median | 75.2 | 8.44 | 0.025 | 0.0478 | 0.25 | 0.155 | 2.32 | 2.09 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.046 | 0.0308 | 14100 | 13600 | 0.25 | 0.25 | 0.0794 | 0.0278 |
| | St. Deviation | 52 | 3.3 | 0.09 | 0.09 | 0.109 | 0.054 | 0.38 | 0.45 | 0.019 | 0.02 | 10 | 10 | 1.3 | 1.3 | 0.015 | 0.0215 | 1400 | 1100 | 0.17 | 0.25 | 0.07 | 0.0079 |
| | # of values | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 7 | 9 | 8 |
| | Minimum | 11 | 4.75 | 0.00155 | 0.0075 | 0.155 | 0.125 | 2.11 | 1.75 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.7 | 0.5 | 0.0185 | 0.00775 | 12600 | 12200 | 0.05 | 0.05 | 0.025 | 0.0246 |
| | Maximum | 151 | 14 | 0.2 | 0.2 | 0.461 | 0.25 | 3.4 | 3 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.0572 | 0.0752 | 17100 | 15700 | 0.539 | 0.681 | 0.21 | 0.0476 |
| | % of values undetected | | | 89% | 75% | 67% | 100% | | | 89% | 100% | 89% | 100% | 67% | 78% | 56% | 67% | | | 44% | 71% | 11% | 38% |
| | # of values between MDL and PQL | | | | | 3 | | | | 1 | | | | 1 | | 3 | 2 | | | 1 | | 2 | |
| SP2505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 52.6 | 3.4 | 0.0336 | 0.0328 | 0.125 | 0.125 | 2.78 | 2.28 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 5 | 5 | 0.00775 | 0.00775 | 8540 | 8330 | 0.346 | 0.369 | 0.117 | 0.0222 |
| | 10/07/05 | 14.9 | 3.37 | 0.0232 | | 0.125 | 0.125 | 2.66 | 2.67 | 0.0075 | 0.0075 | 0.013 | 0.005 | 1.55 | 4.3 | 0.00775 | 0.00775 | 8800 | 8500 | 0.472 | 0.3 | 0.0428 | 0.0392 |
| | 06/27/06 | 3.52 | 1.00 | 0.0250 | 0.0512 | 0.155 | 0.155 | 2.66 | 2.93 | 0.0120 | 0.0120 | 0.0075 | 0.0075 | 0.75 | 0.75 | 0.0125 | 0.0125 | 8100 | 8690 | 0.050 | | 0.0368 | 0.0362 |
| | 08/28/06 | 2.03 | 1.75 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.83 | 2.80 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9250 | 7850 | 0.455 | 0.536 | 0.0270 | 0.0298 |
| | 10/05/06 | 2.18 | 1.00 | 0.0075 | 0.0198 | 0.155 | 0.155 | 2.57 | | 0.0125 | 0.0125 | 0.0075 | 0.0152 | 1.25 | 1.25 | 0.0185 | 0.0185 | 8410 | 10100 | 0.050 | 0.116 | 0.0214 | 0.0280 |
| | 08/06/07 | 53 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3 | 0.05 | 0.05 | 20 | 20 | 0.6 | 1.3 | 0.05 | 0.05 | 9700 | 9600 | 0.2 | 0.2 | 0.11 | 0.025 |
| | 09/08/07 | 15 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.9 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.1 | 0.05 | 0.05 | 9900 | 9800 | 0.25 | 0.25 | 0.08 | 0.025 |
| | 10/26/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 9800 | 9500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 18.2 | 2.7 | 0.09 | 0.1 | 0.183 | 0.183 | 2.75 | 2.86 | 0.025 | 0.025 | 8 | 8 | 1.6 | 2 | 0.0269 | 0.0269 | 9100 | 9000 | 0.26 | 0.289 | 0.058 | 0.0288 |
| | Median | 9.2 | 2.5 | 0.03 | 0.05 | 0.155 | 0.155 | 2.79 | 2.87 | 0.013 | 0.013 | 0 | 0 | 1.3 | 1.3 | 0.0185 | 0.0185 | 9000 | 9100 | 0.25 | 0.25 | 0.04 | 0.0265 |
| | St. Deviation | 22 | 1.6 | 0.09 | 0.09 | 0.057 | 0.057 | 0.11 | 0.4 | 0.021 | 0.021 | 10 | 10 | 1.4 | 1.6 | 0.0196 | 0.0196 | 700 | 800 | 0.16 | 0.134 | 0.039 | 0.006 |
| | # of values | 8 | 8 | 8 | 7 | 8 | 8 | 8 | 6 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 | 8 | 8 |
| | Minimum | 2.03 | 1 | 0.0075 | 0.0075 | 0.125 | 0.125 | 2.57 | 2.28 | 0.0075 | 0.0075 | 0.00155 | 0.00155 | 0.6 | 0.75 | 0.00775 | 0.00775 | 8100 | 7850 | 0.05 | 0.116 | 0.0214 | 0.0222 |
| | Maximum | 53 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 2.9 | 3.5 | 0.05 | 0.05 | 20 | 20 | 5 | 5 | 0.05 | 0.05 | 9900 | 10100 | 0.472 | 0.536 | 0.117 | 0.0392 |
| | % of values undetected | 13% | 50% | 75% | 57% | 100% | 100% | | | 100% | 100% | 88% | 88% | 63% | 50% | 100% | 100% | | | 50% | 29% | 13% | 38% |
| | # of values between MDL and PQL | | 1 | | 1 | | | | | | | | 1 | 1 | 1 | | | | | 1 | 2 | 2 | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2405 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/21/05 | 1.57 | 0.511 | 59.6 | 3.1 | 0.15 | 0.157 | 3480 | 3180 | 17.2 | 0.371 | 0.0025 | 0.247 | 0.21 | 1.06 | 1.03 | 792 | 707 | 0.497 | 0.0775 | 5020 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.944 | 0.552 | 26.8 | 16.6 | 0.0378 | | 3270 | 3240 | 4.72 | 0.851 | 0.000450 | 0.25 | 0.271 | 0.882 | | 940 | 924 | 0.586 | 0.554 | 5830 | 0.0031 | 0.0068 |
| | 06/27/06 | 1.20 | 0.669 | 47.4 | 10.9 | 0.149 | | 3440 | 3300 | 6.92 | 0.209 | 0.0025 | 0.222 | 0.227 | 1.10 | | 671 | 651 | 0.424 | 0.487 | 5120 | 0.0031 | 0.0031 |
| | 08/28/06 | 0.982 | 0.575 | 80.0 | 11.3 | 0.116 | 0.195 | 2830 | 2730 | 5.50 | 0.220 | 0.000475 | 0.131 | 0.121 | 0.842 | | 655 | 653 | 0.497 | 0.517 | 4880 | 0.0031 | 0.0031 |
| | 10/05/06 | 2.35 | 0.596 | 285 | 13.7 | 0.501 | | 3050 | 3120 | 14.5 | 0.289 | 0.00121 | 0.304 | 0.254 | 0.810 | 0.747 | 807 | 844 | 0.469 | 0.600 | 5250 | 0.0278 | 0.0031 |
| | 05/23/07 | 1.86 | 0.558 | 417 | 41.8 | 2.59 | 0.390 | 3070 | 3000 | 43.2 | 0.966 | 0.000571 | 0.341 | 0.288 | 0.859 | 0.699 | 972 | 926 | 0.559 | 0.532 | 4610 | 0.0170 | 0.0031 |
| | 08/05/07 | 1.9 | 1.1 | 260 | 10 | 0.4 | 0.05 | 3700 | 3600 | 9.2 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.6 | 1000 | 1000 | 0.7 | 0.5 | 4700 | 0.025 | 0.025 |
| | 09/08/07 | 1.9 | 0.8 | 140 | 10 | 0.1 | 0.05 | 3500 | 3500 | 28.1 | 0.5 | 0.0025 | 0.25 | 0.25 | 1.5 | 1.5 | 1100 | 1100 | 0.6 | 0.5 | 4700 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.7 | 10 | 10 | 0.05 | 0.05 | 3000 | 3200 | 0.25 | 0.5 | 0.000577 | 0.25 | 0.25 | 0.9 | 0.3 | 1100 | 900 | 0.25 | 0.25 | 5500 | 0.025 | 0.025 |
| | Mean | 1.44 | 0.67 | 147 | 14.2 | 0.45 | 0.1 | 3260 | 3200 | 14.4 | 0.462 | 0.00148 | 0.249 | 0.236 | 0.9 | 0.81 | 890 | 860 | 0.509 | 0.446 | 5070 | 0.015 | 0.011 |
| | Median | 1.57 | 0.596 | 80 | 10.9 | 0.149 | 0.1035 | 3270 | 3200 | 9.2 | 0.371 | 0.00121 | 0.25 | 0.25 | 0.882 | 0.723 | 940 | 900 | 0.497 | 0.5 | 5020 | 0.017 | 0.0031 |
| | St. Deviation | 0.65 | 0.18 | 141 | 11 | 0.82 | 0.1 | 290 | 300 | 13.6 | 0.277 | 0.001 | 0.057 | 0.049 | 0.3 | 0.41 | 170 | 160 | 0.127 | 0.169 | 410 | 0.011 | 0.011 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 0.25 | 0.511 | 10 | 3.1 | 0.0378 | 0.05 | 2830 | 2730 | 0.25 | 0.209 | 0.0004495 | 0.131 | 0.121 | 0.3 | 0.3 | 655 | 651 | 0.25 | 0.0775 | 4610 | 0.0031 | 0.0031 |
| | Maximum | 2.35 | 1.1 | 417 | 41.8 | 2.59 | 0.39 | 3700 | 3600 | 43.2 | 0.966 | 0.0025 | 0.341 | 0.288 | 1.5 | 1.5 | 1100 | 1100 | 0.7 | 0.6 | 5830 | 0.0278 | 0.025 |
| | % of values undetected | 11% | | 11% | 44% | 11% | 50% | | | 11% | 11% | 67% | 33% | 33% | 22% | 33% | 11% | 11% | 11% | 22% | | 78% | 89% |
| | # of values between MDL and PQL | 2 | 3 | | 4 | 3 | | | | | 2 | 3 | | | 1 | 1 | 2 | 2 | 5 | 4 | | 1 | 1 |
| SP2505 | | | | | | | | | | | | | | | | | | | | | | | |
| | 07/20/05 | 0.763 | 0.244 | 85.1 | 3.1 | 0.102 | 0.125 | 1590 | 1530 | 14.4 | 0.312 | 0.0025 | 0.449 | 0.411 | 0.369 | | 696 | 664 | 0.224 | 0.0775 | 3060 | 0.0031 | 0.0031 |
| | 10/07/05 | 0.368 | 0.325 | 29.2 | 9.39 | 0.0155 | | 1650 | 1550 | 2.29 | 0.192 | 0.000450 | 0.356 | 0.402 | 0.307 | | 704 | 705 | 0.169 | 0.294 | 3490 | 0.0031 | 0.0031 |
| | 06/27/06 | 0.236 | 0.283 | 7.34 | 7.13 | 0.0250 | | 1470 | 1610 | 0.385 | 0.115 | 0.000475 | 0.359 | 0.368 | 0.453 | | 648 | 717 | 0.155 | 0.155 | 3440 | 0.0031 | 0.0031 |
| | 08/28/06 | 0.259 | | 6.27 | 3.10 | 0.0155 | | 1570 | 1380 | 0.267 | 0.212 | 0.000475 | 0.283 | 0.281 | 0.390 | 0.565 | 753 | 619 | 0.155 | 0.155 | 2960 | 0.0031 | 0.0031 |
| | 10/05/06 | 0.161 | | 24.5 | 31.6 | 0.0155 | | 1430 | | 0.0994 | 0.104 | 0.000475 | 0.393 | 0.443 | 0.222 | 0.301 | 593 | | 0.155 | 0.155 | 3220 | 0.0031 | 0.0031 |
| | 08/06/07 | 1.2 | 0.25 | 390 | 10 | 0.1 | 0.05 | 1800 | 1700 | 14.1 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.2 | 0.3 | 3300 | 0.025 | 0.025 |
| | 09/08/07 | 1.2 | 1.1 | 10 | 10 | 0.05 | 0.05 | 1700 | 1700 | 1.1 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 0.3 | 700 | 900 | 0.3 | 0.2 | 3100 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1600 | 1700 | 0.25 | 0.25 | 0.000371 | 0.25 | 0.25 | 0.3 | 0.3 | 900 | 700 | 0.25 | 0.25 | 3400 | 0.025 | 0.025 |
| | Mean | 0.55 | 0.41 | 70 | 11 | 0.047 | 0.1 | 1600 | 1600 | 4.1 | 0.211 | 0.00122 | 0.324 | 0.49 | 0.33 | 0.353 | 750 | 760 | 0.201 | 0.198 | 3250 | 0.011 | 0.011 |
| | Median | 0.31 | 0.27 | 17 | 10 | 0.038 | 0.1 | 1600 | 1610 | 0.7 | 0.231 | 0.00047 | 0.32 | 0.39 | 0.304 | 0.3 | 700 | 710 | 0.185 | 0.178 | 3260 | 0.003 | 0.003 |
| | St. Deviation | 0.44 | 0.34 | 132 | 9 | 0.036 | 0 | 120 | 120 | 6.3 | 0.072 | 0.00106 | 0.076 | 0.42 | 0.071 | 0.118 | 140 | 140 | 0.054 | 0.078 | 190 | 0.011 | 0.011 |
| | # of values | 8 | 6 | 8 | 8 | 8 | 4 | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 5 | 8 | 7 | 8 | 8 | 8 | 8 | 8 |
| | Minimum | 0.161 | 0.244 | 6.27 | 3.1 | 0.0155 | 0.05 | 1430 | 1380 | 0.0994 | 0.104 | 0.000371 | 0.25 | 0.25 | 0.222 | 0.3 | 593 | 619 | 0.155 | 0.0775 | 2960 | 0.0031 | 0.0031 |
| | Maximum | 1.2 | 1.1 | 390 | 31.6 | 0.102 | 0.125 | 1800 | 1700 | 14.4 | 0.312 | 0.0025 | 0.449 | 1.5 | 0.453 | 0.565 | 1000 | 1000 | 0.3 | 0.3 | 3490 | 0.025 | 0.025 |
| | % of values undetected | 13% | 33% | 25% | 63% | 75% | 75% | | | 13% | 38% | 88% | 38% | 38% | 38% | 60% | 13% | 14% | 50% | 63% | | 100% | 100% |
| | # of values between MDL and PQL | 2 | 1 | 2 | 2 | 1 | | | | 1 | 1 | 1 | | | | | 2 | 2 | 4 | 3 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|--------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP2405 | | | | | | | | | | | |
| | 07/21/05 | 1410 | 1260 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 57.5 | 59 |
| | 10/07/05 | 1370 | 1370 | 0.0096 | 0.028 | 0.031 | 0.031 | 0.32 | 0.1 | 46.3 | 43.3 |
| | 06/27/06 | 1380 | 1310 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.561 | 0.110 | 51.4 | 43.2 |
| | 08/28/06 | 1230 | 1220 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 42.4 | 39.9 |
| | 10/05/06 | 1220 | 1300 | 0.0050 | 0.0260 | 0.050 | 0.050 | 0.554 | 0.250 | 45.6 | 40.0 |
| | 05/23/07 | 1380 | 1200 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.776 | 0.155 | 40.7 | 27.0 |
| | 08/05/07 | 1300 | 1400 | 0.1 | 0.05 | 0.05 | 0.05 | 0.6 | 0.1 | 56 | 43 |
| | 09/08/07 | 1200 | 1300 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 59 | 47 |
| | 10/26/07 | 1300 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 44 | 41 |
| | Mean | 1310 | 1300 | 0.03 | 0.05 | 0.042 | 0.042 | 0.37 | 0.14 | 49.2 | 43 |
| | Median | 1300 | 1300 | 0.005 | 0.026 | 0.05 | 0.05 | 0.32 | 0.1 | 46.3 | 43 |
| | St. Deviation | 80 | 100 | 0.03 | 0.08 | 0.013 | 0.013 | 0.26 | 0.06 | 6.9 | 8 |
| | # of values | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| | Minimum | 1200 | 1200 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 40.7 | 27 |
| | Maximum | 1410 | 1400 | 0.1 | 0.25 | 0.05 | 0.05 | 0.776 | 0.25 | 59 | 59 |
| | % of values undetected | | | 78% | 78% | 100% | 100% | 44% | 100% | | |
| | # of values between MDL and PQL | 3 | 3 | 2 | | | | 4 | | | |
| SP2505 | | | | | | | | | | | |
| | 07/20/05 | 924 | 910 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.376 | 0.1 | 17.1 | 14.9 |
| | 10/07/05 | 898 | 927 | 0.0031 | 0.0031 | 0.031 | 0.031 | 0.1 | 0.1 | 0.756 | 1.35 |
| | 06/27/06 | 862 | 884 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.517 | 0.110 | 1.98 | 1.37 |
| | 08/28/06 | 865 | 910 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.740 | 1.26 |
| | 10/05/06 | 733 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 08/06/07 | 900 | 1000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/08/07 | 900 | 1000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 900 | 900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 873 | 900 | 0.021 | 0.021 | 0.041 | 0.041 | 0.27 | 0.14 | 3 | 3.7 |
| | Median | 899 | 900 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.1 | 1 | 1.4 |
| | St. Deviation | 60 | 0 | 0.024 | 0.024 | 0.013 | 0.013 | 0.17 | 0.07 | 6 | 5.1 |
| | # of values | 8 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| | Minimum | 733 | 884 | 0.0025 | 0.0025 | 0.0155 | 0.0155 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 924 | 1000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.517 | 0.25 | 17.1 | 14.9 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 75% | 100% | 50% | 43% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | | 2 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|-------------|-------------------|---------------|---------|------------------|----------------|------------|---------------|------------|----------------|----------------|--------------|---------------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP26 | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 24.5 | 140 | 114 | 0.928 | 28.0 | 0.270 | 0.0155 | 0.261 | 0.00155 | 0.110 | 0.911 | 0.297 | 60.6 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/26/07 | 23.9 | 150 | 118 | 1.88 | 29.5 | 0.520 | | | 0.0315 | | 0.796 | 0.190 | 54.6 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 30 | 191 | 120 | 2.5 | 38 | 0.38 | | | 0.025 | | 1.0 | 0.2 | 66.4 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/07/07 | 30 | 190 | 130 | 2.5 | 40 | 0.35 | | | 0.005 | | 1.1 | 0.1 | 69.3 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | 10/21/07 | 28 | 161 | 120 | 2.5 | 28 | 0.42 | | | 0.005 | | 1.0 | 0.2 | 65.5 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 27 | 170 | 120 | 2.1 | 33 | 0.39 | 0.0155 | 0.261 | 0.014 | 0.11 | 1 | 0.2 | 63.3 | 0.0018 | 0.004 | 0.09 | 0.07 | |
| | Median | 28 | 161 | 120 | 2.5 | 29.5 | 0.38 | 0.0155 | 0.261 | 0.005 | 0.11 | 1 | 0.2 | 65.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 20 | 10 | 0.7 | 6 | 0.09 | NA | NA | 0.014 | NA | 0.1 | 0.07 | 5.8 | 0.001 | 0.006 | 0.06 | 0.07 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 23.9 | 140 | 114 | 0.928 | 28 | 0.27 | 0.0155 | 0.261 | 0.00155 | 0.11 | 0.796 | 0.1 | 54.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 30 | 191 | 130 | 2.5 | 40 | 0.52 | 0.0155 | 0.261 | 0.0315 | 0.11 | 1.1 | 0.297 | 69.3 | 0.0025 | 0.015 | 0.155 | 0.15 | |
| | % of values undetected | | | | 60% | | | 100% | | 80% | | | | | 100% | 100% | 100% | 80% | |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | 3 | | | | | 1 | |
| SP27 | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 22.3 | 55.0 | 56.2 | 59.0 | 8.00 | | | | | | 0.871 | 0.152 | 18.8 | 0.00075 | 0.0025 | | | |
| | 08/05/07 | 30 | 86 | 60 | 6 | 1 | 0.01 | | | 0.03 | | 0.9 | 0.1 | 28.6 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | 10/21/07 | 29 | 79 | 60 | 12 | 1 | 0.02 | | | 0.005 | | 1.1 | 0.2 | 24.9 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 27 | 73 | 59 | 26 | 3.3 | 0.02 | NA | NA | 0.018 | NA | 1 | 0.15 | 24.1 | 0.006 | 0.0025 | 0.05 | 0.09 | |
| | Median | 29 | 79 | 60 | 12 | 1 | 0.015 | NA | NA | 0.018 | NA | 0.9 | 0.152 | 24.9 | 0.0025 | 0.0025 | 0.05 | 0.09 | |
| | St. Deviation | 4 | 16 | 2 | 29 | 4 | 0.01 | NA | NA | 0.018 | NA | 0.1 | 0.05 | 4.9 | 0.008 | 0 | 0 | 0.09 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | |
| | Minimum | 22.3 | 55 | 56.2 | 6 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.871 | 0.1 | 18.8 | 0.00075 | 0.0025 | 0.05 | 0.025 | |
| | Maximum | 30 | 86 | 60 | 59 | 8 | 0.02 | NA | NA | 0.03 | NA | 1.1 | 0.2 | 28.6 | 0.015 | 0.0025 | 0.05 | 0.15 | |
| | % of values undetected | | | | | 67% | 75% | | | 75% | | | | | 100% | 100% | 150% | 150% | |
| | # of values between MDL and PQL | | | | 2 | 1 | 1 | | | 1 | | 2 | 2 | | | | | | |
| SP30 | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 13.6 | 37.0 | 33.8 | 0.080 | 1.57 | 0.135 | 0.0155 | 0.108 | 0.0310 | 0.160 | 0.677 | 0.0780 | 2.23 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/22/07 | 6.31 | 17.5 | 26.3 | 0.404 | 1.57 | 0.108 | | | 0.0330 | | 0.775 | 0.0155 | 0.846 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/07/07 | 17 | 41 | 40 | 2.5 | 1 | 0.17 | | | 0.03 | | 0.9 | 0.05 | 2.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/04/07 | 17 | 42 | 30 | 2.5 | 1 | 0.16 | | | 0.005 | | 0.9 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.24 | |
| | 10/21/07 | 17 | 40 | 20 | 2.5 | 1 | 0.14 | | | 0.02 | | 0.9 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 14 | 36 | 30 | 1.6 | 1.2 | 0.14 | 0.0155 | 0.108 | 0.024 | 0.16 | 0.83 | 0.049 | 2 | 0.0018 | 0.0018 | 0.09 | 0.08 | |
| | Median | 17 | 40 | 30 | 2.5 | 1 | 0.14 | 0.0155 | 0.108 | 0.03 | 0.16 | 0.9 | 0.05 | 2.23 | 0.0025 | 0.0025 | 0.05 | 0.05 | |
| | St. Deviation | 5 | 10 | 8 | 1.2 | 0.3 | 0.02 | NA | NA | 0.012 | NA | 0.1 | 0.022 | 0.7 | 0.001 | 0.001 | 0.06 | 0.09 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 6.31 | 17.5 | 20 | 0.08 | 1 | 0.108 | 0.0155 | 0.108 | 0.005 | 0.16 | 0.677 | 0.0155 | 0.846 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 17 | 42 | 40 | 2.5 | 1.57 | 0.17 | 0.0155 | 0.108 | 0.033 | 0.16 | 0.9 | 0.078 | 2.5 | 0.0025 | 0.0025 | 0.155 | 0.24 | |
| | % of values undetected | | | | 80% | 100% | | 100% | | 20% | | | 80% | | 100% | 100% | 100% | 80% | |
| | # of values between MDL and PQL | | | | 1 | | | | | 2 | | 3 | 1 | 3 | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP26 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 2360 | 2780 | 0.0075 | 0.0075 | 0.155 | 0.155 | 22.5 | 24.7 | 0.115 | 0.108 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.110 | 0.0185 | 6390 | 7280 | 0.050 | 0.202 | 7.71 | 8.34 |
| | 05/26/07 | 3590 | 3680 | 0.0075 | | 0.155 | 0.155 | 22.8 | 24.5 | 0.117 | 0.121 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.165 | 0.181 | 5840 | 6550 | 0.100 | 0.100 | 9.58 | 9.74 |
| | 08/02/07 | 4770 | 5200 | 0.2 | 0.2 | 0.25 | 0.25 | 22.7 | 23.5 | 0.1 | 0.1 | 20 | 20 | 1.6 | 2.5 | 0.2 | 0.2 | 6900 | 7300 | 0.2 | | 10.3 | 10.4 |
| | 09/07/07 | 3750 | 3960 | 0.2 | 0.2 | 0.25 | 0.25 | 21.3 | 21.3 | 0.1 | 0.1 | 20 | 20 | 1.5 | 1.9 | 0.2 | 0.2 | 6800 | 7200 | 0.25 | 0.25 | 9.24 | 9.23 |
| | 10/21/07 | 3970 | 3980 | 0.2 | 0.2 | 0.25 | 0.25 | 22.8 | 23.3 | 0.1 | 0.1 | 20 | 20 | 2.5 | 1.8 | 0.25 | 0.25 | 6700 | 7100 | 0.05 | 0.05 | 8.29 | 8.29 |
| | Mean | 3690 | 3920 | 0.12 | 0.15 | 0.21 | 0.21 | 22.4 | 23.5 | 0.11 | 0.11 | 12 | 12 | 1.6 | 1.7 | 0.19 | 0.17 | 6500 | 7100 | 0.13 | 0.2 | 9 | 9.2 |
| | Median | 3750 | 3960 | 0.2 | 0.2 | 0.25 | 0.25 | 22.7 | 23.5 | 0.1 | 0.1 | 20 | 20 | 1.5 | 1.8 | 0.2 | 0.2 | 6700 | 7200 | 0.1 | 0.151 | 9.24 | 9.23 |
| | St. Deviation | 870 | 870 | 0.11 | 0.1 | 0.05 | 0.05 | 0.6 | 1.4 | 0.01 | 0.01 | 11 | 11 | 0.5 | 0.5 | 0.05 | 0.09 | 400 | 300 | 0.09 | 0.1 | 1 | 0.9 |
| | # of values | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| | Minimum | 2360 | 2780 | 0.0075 | 0.0075 | 0.155 | 0.155 | 21.3 | 21.3 | 0.1 | 0.1 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.11 | 0.0185 | 5840 | 6550 | 0.05 | 0.05 | 7.71 | 8.29 |
| | Maximum | 4770 | 5200 | 0.2 | 0.2 | 0.25 | 0.25 | 22.8 | 24.7 | 0.117 | 0.121 | 20 | 20 | 2.5 | 2.5 | 0.25 | 0.25 | 6900 | 7300 | 0.25 | 0.25 | 10.3 | 10.4 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | | | 100% | 100% | 60% | 60% | 20% | 40% | | | 80% | 75% | | |
| | # of values between MDL and PQL | | | | | | | | | 3 | 3 | | | | | 2 | 2 | | | 1 | | | |
| SP27 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 2730 | 73.9 | 0.123 | 0.0390 | 3.22 | 0.155 | 3.11 | 1.87 | 0.0594 | 0.0125 | 0.0450 | 0.0270 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5830 | 6970 | 0.257 | 0.050 | 0.272 | 0.215 |
| | 08/05/07 | 273 | 64 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 2.2 | 3.2 | 0.05 | 0.05 | 8100 | 8000 | 0.2 | 0.4 | 0.5 | 0.49 |
| | 10/21/07 | 313 | 98 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.6 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.9 | 0.05 | 0.05 | 7000 | 7600 | 0.25 | 0.05 | 0.31 | 0.26 |
| | Mean | 1110 | 79 | 0.17 | 0.15 | 1.2 | 0.22 | 2.8 | 2.7 | 0.053 | 0.038 | 13 | 13 | 1.6 | 2.1 | 0.04 | 0.04 | 7000 | 7500 | 0.24 | 0.17 | 0.36 | 0.32 |
| | Median | 313 | 73.9 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 2.735 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.9 | 0.05 | 0.05 | 7000 | 7600 | 0.25 | 0.05 | 0.31 | 0.26 |
| | St. Deviation | 1410 | 17 | 0.04 | 0.09 | 1.7 | 0.05 | 0.5 | 1.2 | 0.005 | 0.022 | 12 | 12 | 0.5 | 1 | 0.018 | 0.018 | 1100 | 500 | 0.03 | 0.2 | 0.12 | 0.15 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 273 | 64 | 0.123 | 0.039 | 0.25 | 0.155 | 2.2 | 1.87 | 0.05 | 0.0125 | 0.045 | 0.027 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5830 | 6970 | 0.2 | 0.05 | 0.272 | 0.215 |
| | Maximum | 2730 | 98 | 0.2 | 0.2 | 3.22 | 0.25 | 3.11 | 3.6 | 0.0594 | 0.05 | 20 | 20 | 2.2 | 3.2 | 0.05 | 0.05 | 8100 | 8000 | 0.257 | 0.4 | 0.5 | 0.49 |
| | % of values undetected | | | 67% | 67% | 67% | 100% | | | 67% | 100% | 67% | 67% | 33% | 33% | 100% | 100% | | | 33% | 67% | | |
| | # of values between MDL and PQL | | | | 1 | | | | | | | 1 | 1 | | | | | | | 1 | 1 | | 1 |
| SP30 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 1.00 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.512 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4770 | 5790 | 0.050 | 0.050 | 0.0065 | 0.0170 |
| | 05/22/07 | 43.9 | 33.5 | 0.0075 | 0.0250 | 0.155 | 0.155 | 0.649 | | 0.0336 | 0.0298 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 2080 | 2400 | 0.214 | 0.050 | 0.0164 | 0.0202 |
| | 08/07/07 | 5 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.1 | 0.05 | 0.05 | 5400 | 5800 | 0.4 | 0.2 | 0.025 | 0.025 |
| | 09/04/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 5800 | 5900 | 0.25 | 0.05 | 0.025 | 0.025 |
| | 10/21/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 5100 | 5900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 13 | 9 | 0.12 | 0.13 | 0.21 | 0.21 | 0.38 | NA | 0.039 | 0.038 | 12 | 12 | 0.8 | 0.9 | 0.035 | 0.035 | 4600 | 5200 | 0.23 | 0.12 | 0.02 | 0.022 |
| | Median | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | NA | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.1 | 0.05 | 0.05 | 5100 | 5800 | 0.25 | 0.05 | 0.025 | 0.025 |
| | St. Deviation | 18 | 14 | 0.11 | 0.1 | 0.05 | 0.05 | 0.19 | NA | 0.017 | 0.017 | 11 | 11 | 0.4 | 0.4 | 0.021 | 0.021 | 1500 | 1500 | 0.12 | 0.1 | 0.008 | 0.004 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 1 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.25 | NA | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 0.5 | 0.0075 | 0.0075 | 2080 | 2400 | 0.05 | 0.05 | 0.0065 | 0.017 |
| | Maximum | 43.9 | 33.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.649 | NA | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 5800 | 5900 | 0.4 | 0.25 | 0.025 | 0.025 |
| | % of values undetected | 20% | 60% | 100% | 100% | 100% | 100% | 60% | | 80% | 80% | 100% | 100% | 80% | 80% | 100% | 100% | | | 60% | 80% | 80% | 60% |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | | | 1 | | | | | | 1 | 1 | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--------|-----------|-------|-----------|-------|-----------|-------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP26 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 306 | 328 | 351 | 360 | 0.0606 | 0.102 | 2070 | 2120 | 79.5 | 85.9 | 0.000475 | 0.0145 | 0.0145 | 8.71 | 9.30 | 2070 | 2220 | 0.317 | 0.155 | 13700 | 0.0031 | 0.0142 |
| | 05/26/07 | 554 | 576 | 596 | 183 | 0.050 | 0.050 | 2270 | 2550 | 80.0 | 83.2 | 0.000169 | 0.0075 | 0.0250 | 9.77 | 10.1 | 2440 | 2630 | 0.155 | 0.155 | 14100 | 0.0031 | 0.0031 |
| | 08/02/07 | 472 | 452 | 1110 | 510 | 0.05 | 0.05 | 2900 | 2900 | 101 | 103 | 0.000169 | 0.25 | 0.25 | 12.2 | 12.2 | 2600 | 2600 | 0.2 | 0.4 | 17100 | 0.25 | 0.25 |
| | 09/07/07 | 395 | 385 | 1340 | 880 | 0.05 | 0.1 | 2800 | 2900 | 90.4 | 99.1 | 0.0025 | 0.25 | 2.5 | 11.6 | 11 | 3000 | 3000 | 0.2 | 0.3 | 19600 | 0.025 | 0.025 |
| | 10/21/07 | 392 | 387 | 260 | 250 | 0.05 | 0.05 | 2600 | 2600 | 82.6 | 81.3 | 0.000169 | 0.25 | 0.25 | 10.4 | 10.3 | 2500 | 2500 | 0.25 | 0.25 | 17300 | 0.025 | 0.025 |
| | Mean | 424 | 426 | 730 | 440 | 0.052 | 0.07 | 2500 | 2600 | 87 | 91 | 0.0007 | 0.15 | 0.6 | 10.5 | 10.6 | 2500 | 2600 | 0.22 | 0.25 | 16400 | 0.06 | 0.06 |
| | Median | 395 | 387 | 596 | 360 | 0.05 | 0.05 | 2600 | 2600 | 82.6 | 85.9 | 0.000169 | 0.25 | 0.25 | 10.4 | 10.3 | 2500 | 2600 | 0.2 | 0.25 | 17100 | 0.025 | 0.025 |
| | St. Deviation | 94 | 95 | 470 | 280 | 0.005 | 0.03 | 400 | 300 | 9 | 10 | 0.00102 | 0.13 | 1.1 | 1.4 | 1.1 | 300 | 300 | 0.06 | 0.1 | 2500 | 0.11 | 0.1 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 306 | 328 | 260 | 183 | 0.05 | 0.05 | 2070 | 2120 | 79.5 | 81.3 | 0.000169 | 0.0075 | 0.0145 | 8.71 | 9.3 | 2070 | 2220 | 0.155 | 0.155 | 13700 | 0.0031 | 0.0031 |
| | Maximum | 554 | 576 | 1340 | 880 | 0.0606 | 0.102 | 2900 | 2900 | 101 | 103 | 0.0025 | 0.25 | 2.5 | 12.2 | 12.2 | 3000 | 3000 | 0.317 | 0.4 | 19600 | 0.25 | 0.25 |
| | % of values undetected | | | | | 80% | 60% | | | | | 100% | 100% | 100% | | | | | 40% | 60% | | 100% | 80% |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | | | | | | | | 3 | 2 | | | 1 |
| SP27 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 278 | 44.5 | 3320 | 42.8 | 0.650 | 0.0414 | 1880 | 2100 | 4.96 | 3.03 | | 8.05 | 1.81 | 3.96 | 3.00 | 766 | 786 | 2.00 | 1.42 | 5990 | 0.131 | 0.0031 |
| | 08/05/07 | 59.6 | 36.9 | 270 | 20 | 0.05 | 0.05 | 2500 | 2500 | 8.8 | 8.4 | 0.0025 | 2 | 1.5 | 3.8 | 4 | 1000 | 1000 | 2.5 | 2.4 | 7000 | 0.025 | 0.025 |
| | 10/21/07 | 57.7 | 43.8 | 330 | 10 | 0.25 | 0.05 | 2200 | 2300 | 4.7 | 3.7 | 0.00116 | 1.5 | 1.5 | 3.4 | 3.9 | 700 | 800 | 2.4 | 2.1 | 7900 | 0.025 | 0.025 |
| | Mean | 132 | 41.7 | 1300 | 24 | 0.32 | 0.047 | 2200 | 2300 | 6.2 | 5 | #NUM! | 3.9 | 1.6 | 3.7 | 3.6 | 800 | 900 | 2.3 | 2 | 7000 | 0.06 | 0.018 |
| | Median | 59.6 | 43.8 | 330 | 20 | 0.25 | 0.05 | 2200 | 2300 | 4.96 | 3.7 | 0.00183 | 2 | 1.5 | 3.8 | 3.9 | 766 | 800 | 2.4 | 2.1 | 7000 | 0.025 | 0.025 |
| | St. Deviation | 127 | 4.2 | 1700 | 17 | 0.31 | 0.005 | 300 | 200 | 2.3 | 2.9 | #NUM! | 3.6 | 0.2 | 0.3 | 0.6 | 200 | 100 | 0.3 | 0.5 | 1000 | 0.06 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 57.7 | 36.9 | 270 | 10 | 0.05 | 0.0414 | 1880 | 2100 | 4.7 | 3.03 | 0.00116 | 1.5 | 1.5 | 3.4 | 3 | 700 | 786 | 2 | 1.42 | 5990 | 0.025 | 0.0031 |
| | Maximum | 278 | 44.5 | 3320 | 42.8 | 0.65 | 0.05 | 2500 | 2500 | 8.8 | 8.4 | 0.0025 | 8.05 | 1.81 | 3.96 | 4 | 1000 | 1000 | 2.5 | 2.4 | 7900 | 0.131 | 0.025 |
| | % of values undetected | | | | 33% | 67% | 67% | | | | | 75% | 33% | 33% | | | 33% | 33% | | | | 67% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 1 | | | | | 1 | 1 | 1 | | | 1 | 1 | | | | | |
| SP30 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.050 | 0.153 | 10.1 | 15.7 | 0.0420 | 0.0344 | 419 | | 0.0125 | | 0.000475 | 0.189 | 0.235 | 0.115 | 0.166 | 105 | 150 | 0.155 | 0.155 | 4500 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.434 | | 20.8 | 15.5 | 0.0155 | 0.050 | 272 | | 2.72 | 2.06 | 0.00162 | 0.0870 | 0.116 | 0.100 | | 235 | 283 | 0.155 | 0.155 | 2750 | 0.0246 | 0.0100 |
| | 08/07/07 | 0.25 | 0.25 | 60 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.1 | 4700 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 600 | 0.25 | 0.25 | 0.000701 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.1 | 5000 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 400 | 600 | 0.25 | 0.25 | 0.000367 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 4800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.23 | 22 | 12 | 0.08 | 0.047 | 440 | 600 | 0.7 | 0.7 | 0.00067 | 0.21 | 0.22 | 0.22 | 0.27 | 160 | 300 | 0.14 | 0.15 | 4400 | 0.021 | 0.018 |
| | Median | 0.25 | 0.25 | 10.1 | 10 | 0.05 | 0.05 | 419 | 600 | 0.25 | 0.25 | 0.0004745 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.155 | 0.155 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0.14 | 0.05 | 22 | 3 | 0.1 | 0.007 | 120 | 0 | 1.1 | 0.9 | 0.00057 | 0.07 | 0.06 | 0.11 | 0.07 | 50 | 400 | 0.07 | 0.06 | 900 | 0.01 | 0.01 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.05 | 0.153 | 10 | 10 | 0.0155 | 0.0344 | 272 | 600 | 0.0125 | 0.25 | 0.000169 | 0.087 | 0.116 | 0.1 | 0.166 | 105 | 150 | 0.05 | 0.1 | 2750 | 0.0031 | 0.0031 |
| | Maximum | 0.434 | 0.25 | 60 | 15.7 | 0.25 | 0.05 | 600 | 600 | 2.72 | 2.06 | 0.00162 | 0.25 | 0.25 | 0.3 | 0.3 | 235 | 1000 | 0.25 | 0.25 | 5000 | 0.025 | 0.025 |
| | % of values undetected | 80% | 75% | 40% | 60% | 80% | 80% | | | 80% | 75% | 40% | 60% | 60% | 80% | 75% | 60% | 60% | 80% | 60% | | 80% | 100% |
| | # of values between MDL and PQL | | | 1 | 2 | 1 | 1 | 3 | 3 | | | 3 | | | 1 | 1 | | | 1 | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP26 | | | | | | | | | | | |
| | 10/06/06 | 2560 | 2600 | 0.116 | 0.131 | 0.050 | 0.050 | 0.250 | 0.50 | 18.2 | 22.1 |
| | 05/26/07 | 2810 | 3140 | 0.140 | 0.135 | 0.050 | 0.050 | 0.155 | 0.155 | 27.7 | 28.8 |
| | 08/02/07 | 3200 | 3300 | 0.1 | 0.5 | 0.05 | 0.05 | 0.1 | 0.1 | 25 | 28 |
| | 09/07/07 | 3400 | 3500 | 0.25 | 0.25 | 0.05 | 0.5 | 0.1 | 0.3 | 25 | 28 |
| | 10/21/07 | 3100 | 3100 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 1 | 22 | 24 |
| | Mean | 3000 | 3100 | 0.17 | 0.25 | 0.05 | 0.14 | 0.14 | 0.4 | 24 | 26 |
| | Median | 3100 | 3140 | 0.14 | 0.25 | 0.05 | 0.05 | 0.1 | 0.3 | 25 | 28 |
| | St. Deviation | 300 | 300 | 0.07 | 0.15 | 0 | 0.2 | 0.07 | 0.4 | 4 | 3 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 2560 | 2600 | 0.1 | 0.131 | 0.05 | 0.05 | 0.1 | 0.1 | 18.2 | 22.1 |
| | Maximum | 3400 | 3500 | 0.25 | 0.5 | 0.05 | 0.5 | 0.25 | 1 | 27.7 | 28.8 |
| | % of values undetected | | | 40% | 60% | 100% | 100% | 100% | 80% | | |
| | # of values between MDL and PQL | | | 1 | | | | | 1 | | |
| SP27 | | | | | | | | | | | |
| | 10/07/06 | 2180 | 2560 | 0.0390 | 0.0050 | 0.050 | 0.050 | 2.10 | 0.250 | 5.44 | 5.61 |
| | 08/05/07 | 3000 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 7 | 7 |
| | 10/21/07 | 2700 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | Mean | 2600 | 2800 | 0.046 | 0.035 | 0.05 | 0.05 | 0.8 | 0.15 | 5.8 | 5.9 |
| | Median | 2700 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5.44 | 5.61 |
| | St. Deviation | 400 | 300 | 0.006 | 0.026 | 0 | 0 | 1.2 | 0.09 | 1.1 | 1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2180 | 2560 | 0.039 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | Maximum | 3000 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 2.1 | 0.25 | 7 | 7 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | 67% | 100% | 33% | 33% |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 |
| SP30 | | | | | | | | | | | |
| | 10/05/06 | 1520 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | |
| | 05/22/07 | 1170 | 1290 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 2.41 | 2.05 |
| | 08/07/07 | 1900 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | 09/04/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.7 | 1 | 1 |
| | 10/21/07 | 1700 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1700 | 1900 | 0.032 | 0.032 | 0.05 | 0.05 | 0.34 | 0.42 | 1.1 | 1.3 |
| | Median | 1700 | 2050 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.5 | 1 | 1 |
| | St. Deviation | 300 | 400 | 0.025 | 0.025 | 0 | 0 | 0.15 | 0.22 | 0.8 | 0.5 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 1170 | 1290 | 0.005 | 0.005 | 0.05 | 0.05 | 0.155 | 0.155 | 0.155 | 1 |
| | Maximum | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.7 | 2.41 | 2.05 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 80% | 60% | 80% | 75% |
| | # of values between MDL and PQL | 2 | | | | | | 1 | 2 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP31 | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 12.5 | 31.0 | 5.0 | 0.0775 | 1.57 | 0.130 | 0.0155 | 0.102 | 0.0240 | 0.0600 | 0.706 | 0.0730 | 1.56 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/22/07 | 12.3 | 33.0 | 38.8 | 0.153 | 1.57 | 0.112 | | | 0.0190 | | 0.670 | 0.0155 | 1.67 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/08/07 | 13 | 34 | 30 | 2.5 | 1 | 0.12 | | | 0.02 | | 0.9 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/07/07 | 13 | 34 | 20 | 2.5 | 1 | 0.09 | | | 0.01 | | 0.8 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 13 | 34 | 30 | 2.5 | 1 | 0.10 | | | 0.02 | | 0.7 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 13 | 33 | 25 | 1.5 | 1.2 | 0.11 | 0.0155 | 0.102 | 0.019 | 0.06 | 0.76 | 0.048 | 1.4 | 0.0018 | 0.0018 | 0.09 | 0.035 | |
| | Median | 13 | 34 | 30 | 2.5 | 1 | 0.112 | 0.0155 | 0.102 | 0.02 | 0.06 | 0.706 | 0.05 | 1.56 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 0 | 1 | 13 | 1.3 | 0.3 | 0.02 | NA | NA | 0.005 | NA | 0.09 | 0.021 | 0.3 | 0.001 | 0.001 | 0.06 | 0.014 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 12.3 | 31 | 5 | 0.0775 | 1 | 0.09 | 0.0155 | 0.102 | 0.01 | 0.06 | 0.67 | 0.0155 | 0.9 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 13 | 34 | 38.8 | 2.5 | 1.57 | 0.13 | 0.0155 | 0.102 | 0.024 | 0.06 | 0.9 | 0.073 | 1.67 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | 20% | 100% | 100% | | 100% | | | | | 80% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | 1 | | | 3 | 1 | 3 | 1 | 3 | | | | | |
| SP33 | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 8.75 | 25.0 | 40.0 | 8.04 | 9.50 | 0.133 | 0.0155 | 0.112 | 0.0260 | 0.0700 | 0.927 | 0.0710 | 1.47 | 0.00075 | 0.00075 | 0.155 | 0.116 | |
| | 05/23/07 | 6.69 | 21.5 | 35.0 | 0.1665 | 6.00 | 0.532 | | | 0.00155 | | 0.849 | 0.0410 | 1.32 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/05/07 | 10 | 26 | 30 | 2.5 | 1 | 0.10 | | | 0.005 | | 0.9 | 0.05 | 1.4 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/05/07 | 11 | 27 | 30 | 2.5 | 1 | 0.25 | | | 0.005 | | 0.9 | 0.05 | 1.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/23/07 | 11 | 29 | 20 | 2.5 | 1 | 1.06 | | | 0.005 | | 0.9 | 0.05 | 1.2 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 9 | 26 | 31 | 3.1 | 3.7 | 0.42 | 0.0155 | 0.112 | 0.009 | 0.07 | 0.9 | 0.052 | 1.4 | 0.007 | 0.004 | 0.09 | 0.05 | |
| | Median | 10 | 26 | 30 | 2.5 | 1 | 0.25 | 0.0155 | 0.112 | 0.005 | 0.07 | 0.9 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 2 | 3 | 7 | 2.9 | 3.9 | 0.4 | NA | NA | 0.01 | NA | 0.03 | 0.011 | 0.2 | 0.008 | 0.006 | 0.06 | 0.04 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 6.69 | 21.5 | 20 | 0.1665 | 1 | 0.1 | 0.0155 | 0.112 | 0.00155 | 0.07 | 0.849 | 0.041 | 1.2 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 11 | 29 | 40 | 8.04 | 9.5 | 1.06 | 0.0155 | 0.112 | 0.026 | 0.07 | 0.927 | 0.071 | 1.7 | 0.015 | 0.015 | 0.155 | 0.116 | |
| | % of values undetected | | | | 80% | 60% | | 100% | | 80% | | | 60% | | 100% | 100% | 100% | 80% | |
| | # of values between MDL and PQL | | | | | 2 | | | | | 1 | 3 | 2 | 3 | | | | | |
| SP36 | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 10.9 | 28.0 | 35.0 | 0.928 | 6.75 | 0.050 | 0.0155 | 0.050 | 0.00155 | 0.0900 | 0.850 | 0.0750 | 3.11 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/23/07 | 10.8 | 30.0 | 30.0 | 0.150 | 5.00 | 0.112 | | | 0.00155 | | 0.872 | 0.0410 | 2.81 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 10/27/07 | 11 | 33 | 40 | 2.5 | 1 | 0.10 | | | 0.005 | | 0.8 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 10.9 | 30 | 35 | 1.2 | 4.3 | 0.09 | 0.0155 | 0.05 | 0.0027 | 0.09 | 0.84 | 0.055 | 2.84 | 0.0013 | 0.0013 | 0.12 | 0.042 | |
| | Median | 10.9 | 30 | 35 | 0.928 | 5 | 0.1 | 0.0155 | 0.05 | 0.00155 | 0.09 | 0.85 | 0.05 | 2.81 | 0.00075 | 0.00075 | 0.155 | 0.05 | |
| | St. Deviation | 0.1 | 3 | 5 | 1.2 | 2.9 | 0.03 | NA | NA | 0.00199 | NA | 0.04 | 0.018 | 0.26 | 0.001 | 0.001 | 0.061 | 0.014 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 10.8 | 28 | 30 | 0.15 | 1 | 0.05 | 0.0155 | 0.05 | 0.00155 | 0.09 | 0.8 | 0.041 | 2.6 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 11 | 33 | 40 | 2.5 | 6.75 | 0.112 | 0.0155 | 0.05 | 0.005 | 0.09 | 0.872 | 0.075 | 3.11 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | 67% | 33% | 33% | 300% | 300% | 100% | | | 33% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | 2 | | | | | 1 | 1 | 2 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP31 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 6.05 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.0250 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4210 | 4880 | 0.050 | 0.141 | 0.0065 | |
| | 05/22/07 | 13.6 | 2.48 | 0.0250 | 0.0250 | 0.155 | 0.155 | 0.110 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 4040 | 4590 | 0.050 | 0.050 | 0.0050 | 0.0164 |
| | 08/08/07 | 10 | | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.3 | 0.05 | 0.05 | 4200 | 4400 | 0.3 | 0.7 | 0.025 | 0.025 |
| | 09/07/07 | 68 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.4 | 0.05 | 0.05 | 4200 | 4400 | 0.25 | 0.25 | 0.05 | 0.025 |
| | 10/27/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.1 | 0.05 | 0.05 | 4200 | 4200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 21 | 4 | 0.13 | 0.13 | 0.21 | 0.21 | 0.5 | 0.25 | 0.035 | 0.035 | 12 | 12 | 1.3 | 1.3 | 0.035 | 0.035 | 4200 | 4500 | 0.18 | 0.28 | 0.022 | 0.023 |
| | Median | 10 | 2.49 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 4200 | 4400 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 26 | 4 | 0.1 | 0.1 | 0.05 | 0.05 | 0.5 | 0 | 0.021 | 0.021 | 11 | 11 | 0.4 | 0.1 | 0.021 | 0.021 | 100 | 300 | 0.12 | 0.25 | 0.018 | 0.004 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 6.05 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.025 | 0.25 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.8 | 1.1 | 0.0075 | 0.0075 | 4040 | 4200 | 0.05 | 0.05 | 0.005 | 0.0164 |
| | Maximum | 68 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.4 | 0.05 | 0.05 | 4210 | 4880 | 0.3 | 0.7 | 0.05 | 0.025 |
| | % of values undetected | | 50% | 100% | 100% | 100% | 100% | 40% | 100% | 100% | 100% | 100% | 100% | 40% | 40% | 100% | 100% | | | 80% | 60% | 80% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | 1 | 1 | 1 |
| SP33 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 186 | 15.4 | 0.0075 | 0.0075 | 0.155 | 0.155 | 4.02 | 2.93 | 0.0356 | 0.0125 | 0.0166 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2870 | 2420 | 0.304 | 0.050 | 0.0512 | 0.0130 |
| | 05/23/07 | 27.3 | 20.1 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.60 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 2190 | 2670 | 0.100 | | 0.0168 | 0.0222 |
| | 08/05/07 | 40 | 26 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 4 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.5 | 0.05 | 0.05 | 3000 | 3300 | 0.3 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 67 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 3.5 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.1 | 0.05 | 0.05 | 3100 | 3600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/23/07 | 71 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 3.6 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.3 | 0.05 | 0.05 | 2900 | 3600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 80 | 19 | 0.13 | 0.13 | 0.21 | 0.21 | 3.4 | 3.5 | 0.04 | 0.035 | 12 | 12 | 1.1 | 1.3 | 0.035 | 0.035 | 2800 | 3100 | 0.24 | 0.24 | 0.029 | 0.022 |
| | Median | 67 | 20.1 | 0.2 | 0.2 | 0.25 | 0.25 | 3.5 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.25 | 0.05 | 0.05 | 2900 | 3300 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 60 | 6 | 0.1 | 0.1 | 0.05 | 0.05 | 0.5 | 0.5 | 0.016 | 0.021 | 11 | 11 | 0.2 | 0.1 | 0.021 | 0.021 | 400 | 500 | 0.08 | 0.14 | 0.013 | 0.005 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| | Minimum | 27.3 | 11 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.6 | 2.93 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.7 | 1.1 | 0.0075 | 0.0075 | 2190 | 2420 | 0.1 | 0.05 | 0.0168 | 0.013 |
| | Maximum | 186 | 26 | 0.2 | 0.2 | 0.25 | 0.25 | 4.02 | 4 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.5 | 0.05 | 0.05 | 3100 | 3600 | 0.304 | 0.4 | 0.0512 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 80% | 100% | 80% | 100% | 40% | 40% | 100% | 100% | | | 60% | 75% | 60% | 60% |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 1 | | 1 | | | | | | 1 | 1 | 1 | 1 |
| SP36 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 13.6 | 6.46 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.79 | 1.68 | 0.0125 | 0.0125 | 0.0075 | 0.0214 | 1.25 | 1.25 | 0.0185 | 0.0185 | 3330 | 3360 | 0.050 | 0.050 | 0.0158 | 0.0182 |
| | 05/23/07 | 3.30 | 3.25 | 0.0250 | 0.0250 | 0.155 | 0.155 | 1.64 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.67 | 0.0075 | 0.0075 | 3340 | 3860 | 0.100 | | 0.0128 | 0.0222 |
| | 10/27/07 | 12 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 1.9 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.5 | 0.05 | 0.05 | 3700 | 3500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 4.9 | 0.08 | 0.08 | 0.187 | 0.187 | 1.78 | 1.79 | 0.025 | 0.025 | 7 | 7 | 1.57 | 1.81 | 0.025 | 0.025 | 3460 | 3570 | 0.13 | 0.15 | 0.0179 | 0.0218 |
| | Median | 12 | 5 | 0.025 | 0.025 | 0.155 | 0.155 | 1.79 | 1.79 | 0.0125 | 0.0125 | 0.0075 | 0.0214 | 1.25 | 1.5 | 0.0185 | 0.0185 | 3340 | 3500 | 0.1 | 0.15 | 0.0158 | 0.0222 |
| | St. Deviation | 6 | 1.61 | 0.11 | 0.11 | 0.055 | 0.055 | 0.13 | 0.16 | 0.0217 | 0.0217 | 12 | 12 | 0.55 | 0.76 | 0.022 | 0.022 | 210 | 260 | 0.1 | 0.14 | 0.0064 | 0.0034 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| | Minimum | 3.3 | 3.25 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.64 | 1.68 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 3330 | 3360 | 0.05 | 0.05 | 0.0128 | 0.0182 |
| | Maximum | 13.6 | 6.46 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 1.9 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.67 | 0.05 | 0.05 | 3700 | 3860 | 0.25 | 0.25 | 0.025 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 67% | 67% | 33% | 100% | 100% | | | 100% | 100% | 33% | 33% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | 1 | | | | | | | 2 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP31 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.050 | | 12.9 | 15.3 | 0.0468 | | 479 | | 0.0658 | 0.0922 | 0.000475 | 0.398 | 0.473 | 0.0910 | 0.197 | 66.2 | | 0.155 | 0.155 | 4330 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.050 | | 14.1 | 14.3 | 0.0155 | | 528 | | 0.199 | | 0.000169 | 0.382 | 0.425 | 0.100 | 0.304 | 91.8 | | 0.155 | 0.155 | 3990 | 0.0031 | 0.0031 |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.1 | 4000 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 80 | 10 | 0.05 | 0.05 | 500 | 500 | 2.9 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4600 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 400 | 500 | 0.25 | 0.25 | 0.000399 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | Mean | 0.17 | 0.25 | 25 | 12 | 0.042 | 0.12 | 480 | 530 | 0.7 | 0.21 | 0.00074 | 0.31 | 0.33 | 0.22 | 0.28 | 120 | 150 | 0.1 | 0.1 | 4200 | 0.016 | 0.016 |
| | Median | 0.25 | 0.25 | 12.9 | 10 | 0.05 | 0.05 | 500 | 500 | 0.25 | 0.25 | 0.000399 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.1 | 4100 | 0.025 | 0.025 |
| | St. Deviation | 0.11 | 0 | 31 | 3 | 0.015 | 0.12 | 50 | 60 | 1.2 | 0.08 | 0.00099 | 0.08 | 0.11 | 0.11 | 0.05 | 40 | 0 | 0.05 | 0.05 | 300 | 0.012 | 0.012 |
| | # of values | 5 | 3 | 5 | 5 | 5 | 3 | 5 | 3 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.05 | 0.25 | 10 | 10 | 0.0155 | 0.05 | 400 | 500 | 0.0658 | 0.0922 | 0.000169 | 0.25 | 0.25 | 0.091 | 0.197 | 66.2 | 150 | 0.05 | 0.05 | 3990 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.25 | 80 | 15.3 | 0.05 | 0.25 | 528 | 600 | 2.9 | 0.25 | 0.0025 | 0.398 | 0.473 | 0.3 | 0.304 | 150 | 150 | 0.155 | 0.155 | 4600 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 40% | 60% | 80% | 100% | | | 40% | 75% | 80% | 60% | 60% | 80% | 60% | 100% | 80% | 80% | | 100% | 100% | |
| | # of values between MDL and PQL | | | 2 | 2 | 1 | | 3 | 3 | 1 | | 1 | | | 1 | 1 | | | 1 | 1 | | | |
| SP33 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 0.296 | 0.242 | 136 | 7.10 | 0.0996 | 0.145 | 383 | 333 | 7.54 | 0.498 | 0.00115 | 0.0598 | 0.0348 | 0.0786 | 0.256 | 158 | 136 | 0.155 | 0.155 | 4090 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.303 | 0.301 | 17.9 | 11.4 | 0.050 | 0.050 | 297 | | 0.636 | 0.379 | 0.000169 | 0.0640 | 0.0864 | 0.100 | 0.283 | 96.8 | 138 | 0.155 | 0.155 | 3900 | 0.0031 | 0.0031 |
| | 08/05/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 300 | 400 | 1.4 | 0.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.05 | 4200 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 180 | 130 | 0.05 | 0.05 | 400 | 500 | 1.9 | 0.25 | 0.00114 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 4800 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 300 | 500 | 0.9 | 0.5 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.8 | 150 | 150 | 0.05 | 0.25 | 5100 | 0.025 | 0.025 |
| | Mean | 0.27 | 0.26 | 80 | 30 | 0.06 | 0.07 | 340 | 430 | 2.5 | 0.47 | 0.00149 | 0.17 | 0.17 | 0.22 | 0.39 | 140 | 140 | 0.1 | 0.14 | 4400 | 0.016 | 0.016 |
| | Median | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 300 | 450 | 1.4 | 0.498 | 0.00115 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.155 | 4200 | 0.025 | 0.025 |
| | St. Deviation | 0.03 | 0.02 | 70 | 50 | 0.022 | 0.04 | 50 | 80 | 2.9 | 0.17 | 0.001 | 0.1 | 0.11 | 0.12 | 0.23 | 20 | 10 | 0.05 | 0.07 | 500 | 0.012 | 0.012 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.25 | 0.242 | 17.9 | 7.1 | 0.05 | 0.05 | 297 | 333 | 0.636 | 0.25 | 0.000169 | 0.0598 | 0.0348 | 0.0786 | 0.256 | 96.8 | 136 | 0.05 | 0.05 | 3900 | 0.0031 | 0.0031 |
| | Maximum | 0.303 | 0.301 | 180 | 130 | 0.0996 | 0.145 | 400 | 500 | 7.54 | 0.7 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.8 | 158 | 150 | 0.155 | 0.25 | 5100 | 0.025 | 0.025 |
| | % of values undetected | 60% | 60% | 20% | 40% | 80% | 80% | | | | 20% | 60% | 60% | 60% | 80% | 40% | 60% | 60% | 80% | 80% | | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | 2 | 1 | | 3 | 3 | 3 | 2 | 2 | | 1 | 1 | 1 | | | 1 | 1 | | | |
| SP36 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 0.166 | 0.161 | 15.5 | 12.9 | 0.0155 | 0.0155 | 617 | 597 | 0.433 | 0.309 | 0.000475 | 0.0914 | | 0.0690 | 0.134 | 185 | 187 | 0.155 | 0.155 | 4000 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.111 | | 12.8 | 13.2 | 0.0155 | 0.0155 | 589 | | 0.236 | | 0.000169 | 0.0986 | 0.119 | 0.100 | 0.100 | 183 | 231 | 0.155 | 0.155 | 3810 | 0.0031 | 0.0031 |
| | 10/27/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.25 | 500 | 500 | 0.25 | 0.25 | 0.000383 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.25 | 0.25 | 3900 | 0.025 | 0.05 |
| | Mean | 0.176 | 0.331 | 12.8 | 12 | 0.027 | 0.094 | 569 | 549 | 0.306 | 0.28 | 0.000342 | 0.147 | 0.185 | 0.16 | 0.18 | 223 | 189 | 0.187 | 0.187 | 3900 | 0.01 | 0.019 |
| | Median | 0.166 | 0.3305 | 12.8 | 12.9 | 0.0155 | 0.0155 | 589 | 548.5 | 0.25 | 0.2795 | 0.000383 | 0.0986 | 0.1845 | 0.1 | 0.134 | 185 | 187 | 0.155 | 0.155 | 3900 | 0.0031 | 0.0031 |
| | St. Deviation | 0.07 | 0.24 | 2.8 | 1.8 | 0.0199 | 0.135 | 61 | 69 | 0.11 | 0.042 | 0.000157 | 0.09 | 0.093 | 0.13 | 0.11 | 67 | 41 | 0.055 | 0.055 | 100 | 0.013 | 0.027 |
| | # of values | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.111 | 0.161 | 10 | 10 | 0.0155 | 0.0155 | 500 | 500 | 0.236 | 0.25 | 0.000169 | 0.0914 | 0.119 | 0.069 | 0.1 | 183 | 150 | 0.155 | 0.155 | 3810 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.5 | 15.5 | 13.2 | 0.05 | 0.25 | 617 | 597 | 0.433 | 0.309 | 0.000475 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 231 | 0.25 | 0.25 | 4000 | 0.025 | 0.05 |
| | % of values undetected | 33% | | 33% | 33% | 100% | 100% | | | 33% | 50% | 67% | 33% | 50% | 67% | 67% | | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 2 | 2 | | | 1 | 1 | | | 1 | | | 1 | 1 | 1 | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP31 | | | | | | | | | | | |
| | 10/05/06 | 1570 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.623 | 0.250 | 0.155 | |
| | 05/22/07 | 1790 | 2040 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.430 | 0.501 | 2.06 | 1.37 |
| | 08/08/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.5 | 1 | 1 |
| | 09/07/07 | 1800 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.7 | 1 | 1 |
| | 10/27/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | Mean | 1800 | 1900 | 0.07 | 0.07 | 0.05 | 0.05 | 0.47 | 0.49 | 1 | 2.1 |
| | Median | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1.185 |
| | St. Deviation | 100 | 100 | 0.1 | 0.1 | 0 | 0 | 0.12 | 0.16 | 0.7 | 1.9 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 1570 | 1800 | 0.005 | 0.005 | 0.05 | 0.05 | 0.3 | 0.25 | 0.155 | 1 |
| | Maximum | 1800 | 2040 | 0.25 | 0.25 | 0.05 | 0.05 | 0.623 | 0.7 | 2.06 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 40% | 60% | 80% | 75% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 3 | 2 | | |
| SP33 | | | | | | | | | | | |
| | 10/03/06 | 1730 | 1550 | 0.0050 | 0.0050 | 0.050 | | 0.250 | 0.250 | 0.50 | 0.50 |
| | 05/23/07 | 1440 | 1630 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.79 | |
| | 08/05/07 | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/05/07 | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | 10/23/07 | 1600 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1600 | 1700 | 0.032 | 0.032 | 0.05 | 0.05 | 0.18 | 0.14 | 1.1 | 0.9 |
| | Median | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.025 | 0.025 | 0 | 0 | 0.09 | 0.07 | 0.5 | 0.3 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 |
| | Minimum | 1440 | 1550 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 0.5 |
| | Maximum | 1730 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.25 | 1.79 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 80% | 100% | 80% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | | | |
| SP36 | | | | | | | | | | | |
| | 10/03/06 | 1570 | 1590 | 0.0050 | 0.0286 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | 0.50 |
| | 05/23/07 | 1450 | 1720 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 10/27/07 | 1700 | 1700 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 1570 | 1670 | 0.2 | 0.21 | 0.05 | 0.05 | 0.3 | 0.17 | 0.7 | 0.8 |
| | Median | 1570 | 1700 | 0.005 | 0.0286 | 0.05 | 0.05 | 0.25 | 0.155 | 0.5 | 0.75 |
| | St. Deviation | 130 | 70 | 0.34 | 0.34 | 0 | 0 | 0.18 | 0.08 | 0.3 | 0.4 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 1450 | 1590 | 0.005 | 0.005 | 0.05 | 0.05 | 0.155 | 0.1 | 0.5 | 0.5 |
| | Maximum | 1700 | 1720 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.25 | 1 | 1 |
| | % of values undetected | | | 67% | 33% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SP37 | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 8.03 | 21.0 | 35.0 | 90.2 | 18.3 | 0.250 | 0.0155 | 0.231 | 0.0730 | 0.110 | 0.861 | 0.0780 | 0.535 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/23/07 | 9.18 | 27.0 | 35.0 | 0.1545 | 6.00 | 0.798 | | | 0.00155 | | 0.868 | 0.0350 | 0.535 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/05/07 | 8 | 27 | 20 | 2.5 | 1 | 0.60 | | | 0.01 | | 0.9 | 0.05 | 0.5 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/04/07 | 11 | 28 | 20 | 2.5 | 1 | 0.60 | | | 0.005 | | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/23/07 | 3.5 | 25 | 20 | 8 | 1 | 0.57 | | | 0.005 | | 1.0 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 8 | 26 | 26 | 21 | 5 | 0.56 | 0.0155 | 0.231 | 0.019 | 0.11 | 0.9 | 0.053 | 0.5 | 0.004 | 0.004 | 0.09 | 0.035 | |
| | Median | 8.03 | 27 | 20 | 2.5 | 1 | 0.6 | 0.0155 | 0.231 | 0.005 | 0.11 | 0.9 | 0.05 | 0.535 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 3 | 8 | 39 | 7 | 0.2 | NA | NA | 0.03 | NA | 0.1 | 0.016 | 0.16 | 0.006 | 0.006 | 0.06 | 0.014 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 3.5 | 21 | 20 | 0.1545 | 1 | 0.25 | 0.0155 | 0.231 | 0.00155 | 0.11 | 0.861 | 0.035 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 11 | 28 | 35 | 90.2 | 18.3 | 0.798 | 0.0155 | 0.231 | 0.073 | 0.11 | 1 | 0.078 | 0.7 | 0.015 | 0.015 | 0.155 | 0.05 | |
| | % of values undetected | 20% | | | 60% | 60% | | 100% | | 60% | | | 60% | 20% | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 1 | | | | 1 | | 3 | 2 | 2 | | | | | |
| SP39 | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 5.32 | 20.0 | 13.8 | 0.213 | 17.3 | 0.0390 | 0.0155 | 0.0310 | 0.0106 | 0.0155 | 1.31 | 0.0570 | 0.938 | 0.00075 | 0.0030 | 0.155 | 0.050 | |
| | 05/23/07 | 8.68 | 28.0 | 26.3 | 1.75 | 4.00 | 0.628 | | | 0.0110 | | 0.963 | 0.0310 | 1.11 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/05/07 | 10 | 26 | 20 | 2.5 | 1 | 0.30 | | | 0.005 | | 0.9 | 0.05 | 0.9 | 0.015 | 0.015 | 0.05 | 0.025 | |
| | 09/05/07 | 11 | 28 | 20 | 2.5 | 1 | 0.32 | | | 0.01 | | 0.9 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 3.5 | 20 | 30 | 2.5 | 1 | 0.13 | | | 0.005 | | 1.3 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.25 | |
| | Mean | 8 | 24 | 22 | 1.9 | 5 | 0.28 | 0.0155 | 0.031 | 0.008 | 0.0155 | 1.1 | 0.048 | 0.9 | 0.004 | 0.005 | 0.09 | 0.08 | |
| | Median | 8.68 | 26 | 20 | 2.5 | 1 | 0.3 | 0.0155 | 0.031 | 0.01 | 0.0155 | 0.963 | 0.05 | 0.938 | 0.0025 | 0.0025 | 0.05 | 0.05 | |
| | St. Deviation | 3 | 4 | 6 | 1 | 7 | 0.23 | NA | NA | 0.003 | NA | 0.2 | 0.01 | 0.2 | 0.006 | 0.006 | 0.06 | 0.1 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 3.5 | 20 | 13.8 | 0.213 | 1 | 0.039 | 0.0155 | 0.031 | 0.005 | 0.0155 | 0.9 | 0.031 | 0.6 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 11 | 28 | 30 | 2.5 | 17.3 | 0.628 | 0.0155 | 0.031 | 0.011 | 0.0155 | 1.31 | 0.057 | 1.11 | 0.015 | 0.015 | 0.155 | 0.25 | |
| | % of values undetected | 20% | | | 60% | 60% | | 100% | | 40% | 100% | | 60% | | 100% | 80% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 1 | 1 | | 1 | 1 | | 3 | 2 | 3 | | 1 | | | |
| SP40 | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 29.2 | 80.0 | 52.5 | 0.075 | 18.3 | 0.374 | 0.0155 | 0.362 | 0.0100 | 0.0600 | 0.769 | 0.0820 | 15.2 | 0.00075 | 0.0020 | 0.155 | 0.0155 | |
| | 03/27/07 | 35.4 | 90.0 | 72.5 | 0.1595 | 12.5 | 0.421 | 0.050 | 0.385 | 0.0090 | 0.0155 | 0.816 | 0.0500 | 17.8 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/22/07 | 37.2 | 100 | 80.0 | 0.150 | 8.00 | 0.396 | | | 0.0100 | | 0.796 | 0.0590 | 16.8 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/08/07 | 40 | 103 | 60 | 2.5 | 1 | 0.39 | | | 0.02 | | 1.1 | 0.05 | 18.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/07/07 | 41 | 102 | 70 | 2.5 | 1 | 0.45 | | | 0.005 | | 1.0 | 0.05 | 19.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 36 | 96 | 70 | 2.5 | 1 | 0.52 | | | 0.01 | | 0.8 | 0.05 | 15.6 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 36.5 | 100 | 68 | 1.3 | 7 | 0.425 | 0.033 | 0.374 | 0.011 | 0.038 | 0.88 | 0.057 | 17.2 | 0.004 | 0.0018 | 0.1 | 0.026 | |
| | Median | 36.6 | 100 | 70 | 1.3 | 5 | 0.409 | 0.033 | 0.374 | 0.01 | 0.038 | 0.81 | 0.05 | 17.3 | 0.002 | 0.0023 | 0.1 | 0.025 | |
| | St. Deviation | 4.2 | 10 | 10 | 1.3 | 7 | 0.054 | 0.024 | 0.016 | 0.005 | 0.031 | 0.14 | 0.013 | 1.7 | 0.006 | 0.0009 | 0.06 | 0.013 | |
| | # of values | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | |
| | Minimum | 29.2 | 80 | 52.5 | 0.075 | 1 | 0.374 | 0.0155 | 0.362 | 0.005 | 0.0155 | 0.769 | 0.05 | 15.2 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 41 | 103 | 80 | 2.5 | 18.3 | 0.52 | 0.05 | 0.385 | 0.02 | 0.06 | 1.1 | 0.082 | 19.6 | 0.015 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | 100% | 50% | | 100% | | 17% | 50% | | 50% | | 100% | 83% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | 1 | | | | 3 | 1 | 3 | 3 | | | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP37 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 2260 | 23.8 | 0.0168 | 0.0075 | 1.05 | 0.155 | 22.3 | 5.43 | 0.0970 | 0.0125 | 0.0224 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2230 | 1920 | 1.13 | 0.050 | 0.939 | 0.0198 |
| | 05/23/07 | 25.8 | 18.7 | 0.0250 | 0.0250 | 0.155 | 0.155 | 6.24 | 6.09 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 2960 | 2950 | 0.100 | | 0.0182 | 0.0176 |
| | 08/05/07 | 67 | 27 | 0.2 | 0.2 | 0.25 | 0.25 | 6.3 | 5.7 | 0.05 | 0.05 | 20 | 20 | 0.9 | | 0.05 | 0.05 | 2800 | 2700 | 0.05 | 0.4 | 0.025 | 0.025 |
| | 09/04/07 | 32 | 16 | 0.2 | 0.2 | 0.25 | 0.25 | 6.4 | 6.5 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 3100 | 3400 | 0.05 | 0.05 | 0.025 | 0.05 |
| | 10/23/07 | 60 | 18 | 0.2 | 0.2 | 0.25 | 0.25 | 10.2 | 8 | 0.05 | 0.05 | 20 | 20 | 1.1 | 0.5 | 0.05 | 0.05 | 2500 | 2500 | 1.2 | 0.6 | 0.025 | 0.025 |
| | Mean | 500 | 21 | 0.13 | 0.13 | 0.4 | 0.21 | 10.3 | 6.3 | 0.052 | 0.035 | 12 | 12 | 1 | 0.9 | 0.035 | 0.035 | 2700 | 2700 | 0.5 | 0.28 | 0.21 | 0.027 |
| | Median | 60 | 18.7 | 0.2 | 0.2 | 0.25 | 0.25 | 6.4 | 6.09 | 0.05 | 0.05 | 20 | 20 | 1.1 | 0.875 | 0.05 | 0.05 | 2800 | 2700 | 0.1 | 0.225 | 0.025 | 0.025 |
| | St. Deviation | 1000 | 5 | 0.1 | 0.1 | 0.4 | 0.05 | 6.9 | 1 | 0.03 | 0.021 | 11 | 11 | 0.3 | 0.4 | 0.021 | 0.021 | 400 | 500 | 0.6 | 0.27 | 0.41 | 0.013 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| | Minimum | 25.8 | 16 | 0.0168 | 0.0075 | 0.155 | 0.155 | 6.24 | 5.43 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 0.5 | 0.0075 | 0.0075 | 2230 | 1920 | 0.05 | 0.05 | 0.0182 | 0.0176 |
| | Maximum | 2260 | 27 | 0.2 | 0.2 | 1.05 | 0.25 | 22.3 | 8 | 0.097 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 3100 | 3400 | 1.2 | 0.6 | 0.939 | 0.05 |
| | % of values undetected | | | 80% | 100% | 80% | 100% | | | 80% | 100% | 80% | 100% | 60% | 100% | 100% | 100% | | | 60% | 50% | 60% | 40% |
| | # of values between MDL and PQL | | | 1 | | | | | | | | 1 | | 1 | | | | | | | 1 | 1 | 3 |
| SP39 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 65.3 | 46.0 | 0.0250 | 0.0075 | 0.463 | 0.354 | 4.29 | 4.85 | 0.0125 | 0.0125 | 0.0160 | 0.0178 | 1.25 | 1.25 | 0.0185 | 0.0185 | 1620 | | 0.050 | | 0.0390 | 0.0342 |
| | 05/23/07 | 54.2 | 15.6 | 0.0250 | 0.0075 | 0.155 | 0.155 | 3.33 | 3.10 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 2690 | 2510 | 0.305 | 0.477 | 0.0414 | 0.0206 |
| | 08/05/07 | 29 | 30 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.8 | 0.05 | 0.05 | 20 | 20 | 0.9 | | 0.05 | 0.05 | 2500 | 3000 | 0.2 | 0.6 | 0.025 | 0.025 |
| | 09/05/07 | 35 | 16 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.2 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.2 | 0.05 | 0.05 | 2800 | 3200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 72 | 55 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.4 | 0.05 | 0.05 | 1500 | 1700 | 0.9 | 0.25 | 0.025 | 0.025 |
| | Mean | 51 | 33 | 0.13 | 0.12 | 0.27 | 0.25 | 4.3 | 4.1 | 0.035 | 0.035 | 12 | 12 | 1.3 | 1.3 | 0.035 | 0.035 | 2200 | 2600 | 0.34 | 0.39 | 0.031 | 0.026 |
| | Median | 54.2 | 30 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.2 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 2500 | 2755 | 0.25 | 0.3635 | 0.025 | 0.025 |
| | St. Deviation | 19 | 18 | 0.1 | 0.11 | 0.11 | 0.07 | 0.6 | 0.8 | 0.021 | 0.021 | 11 | 11 | 0.3 | 0.1 | 0.021 | 0.021 | 600 | 700 | 0.33 | 0.17 | 0.008 | 0.005 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 |
| | Minimum | 29 | 15.6 | 0.025 | 0.0075 | 0.155 | 0.155 | 3.33 | 3.1 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.9 | 1.2 | 0.0075 | 0.0075 | 1500 | 1700 | 0.05 | 0.25 | 0.025 | 0.0206 |
| | Maximum | 72 | 55 | 0.2 | 0.2 | 0.463 | 0.354 | 5.1 | 4.85 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.4 | 0.05 | 0.05 | 2800 | 3200 | 0.9 | 0.6 | 0.0414 | 0.0342 |
| | % of values undetected | | | 100% | 100% | 80% | 80% | | | 100% | 100% | 80% | 80% | 40% | 50% | 100% | 100% | | | 40% | 50% | 60% | 60% |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | 1 | 1 | 1 | | | | | | 1 | | | |
| SP40 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 2.79 | 1.00 | 0.0250 | 0.0075 | 0.155 | 0.155 | 4.75 | 5.70 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 8230 | 9330 | 0.108 | 0.050 | 0.0206 | 0.0256 |
| | 03/27/07 | 4.99 | 2.89 | 0.0170 | 0.0232 | 0.155 | 0.360 | 5.77 | 2.68 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9980 | 5610 | 0.300 | 0.485 | 0.0100 | |
| | 05/22/07 | 2.04 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 5.96 | 6.48 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0154 | 10600 | 10600 | 0.100 | 0.050 | 0.0224 | 0.0254 |
| | 08/08/07 | 8 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 5.9 | 7.2 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.9 | 0.05 | 0.05 | 11300 | 11600 | 0.3 | 0.7 | 0.025 | 0.025 |
| | 09/07/07 | 11 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 6.2 | 6 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.8 | 0.05 | 0.05 | 11200 | 11700 | 0.25 | 0.25 | 0.09 | 0.025 |
| | 10/24/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 6.1 | 6.7 | 0.05 | 0.05 | 20 | 20 | 3.6 | 1.3 | 0.05 | 0.05 | 9400 | 10400 | 0.25 | 0.6 | 0.025 | 0.025 |
| | Mean | 5.2 | 3 | 0.11 | 0.11 | 0.203 | 0.24 | 5.78 | 5.8 | 0.031 | 0.031 | 10 | 10 | 1.86 | 1.46 | 0.031 | 0.032 | 10100 | 9900 | 0.22 | 0.36 | 0.032 | 0.025 |
| | Median | 3.9 | 2.5 | 0.11 | 0.11 | 0.203 | 0.25 | 5.93 | 6.2 | 0.031 | 0.031 | 10 | 10 | 1.28 | 1.28 | 0.034 | 0.034 | 10300 | 10500 | 0.25 | 0.37 | 0.024 | 0.025 |
| | St. Deviation | 3.6 | 2.6 | 0.1 | 0.1 | 0.052 | 0.08 | 0.53 | 1.6 | 0.021 | 0.021 | 11 | 11 | 0.99 | 0.31 | 0.022 | 0.02 | 1200 | 2300 | 0.09 | 0.28 | 0.029 | 0 |
| | # of values | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 |
| | Minimum | 2.04 | 1 | 0.017 | 0.0075 | 0.155 | 0.155 | 4.75 | 2.68 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 8230 | 5610 | 0.1 | 0.05 | 0.01 | 0.025 |
| | Maximum | 11 | 8 | 0.2 | 0.2 | 0.25 | 0.36 | 6.2 | 7.2 | 0.05 | 0.05 | 20 | 20 | 3.6 | 1.9 | 0.05 | 0.05 | 11300 | 11700 | 0.3 | 0.7 | 0.09 | 0.0256 |
| | % of values undetected | 17% | 67% | 83% | 83% | 100% | 83% | | | 100% | 100% | 100% | 100% | 50% | 50% | 100% | 83% | | | 50% | 50% | 50% | 60% |
| | # of values between MDL and PQL | | | 1 | 1 | | | 1 | | | | | | | | | 1 | | | 2 | | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-----------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP37 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/03/06 | 4.55 | 0.305 | 1610 | 3.10 | 1.93 | 0.166 | 599 | 292 | 92.1 | 1.62 | 0.000951 | 0.180 | 0.0292 | 0.771 | 0.301 | 317 | 145 | 0.155 | 0.155 | 4360 | 0.0862 | 0.0031 |
| | 05/23/07 | 0.141 | 0.222 | 12.6 | 11.6 | 0.0155 | | 432 | 451 | 0.860 | 0.808 | 0.000169 | 0.0936 | 0.0684 | 0.100 | 0.100 | 114 | 124 | 0.155 | 0.155 | 4760 | 0.0031 | 0.0031 |
| | 08/05/07 | 0.25 | 0.6 | 30 | 10 | 0.05 | 0.05 | 300 | 400 | 1.6 | 0.9 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.05 | 5400 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 400 | 500 | 0.7 | 1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6200 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 50 | 10 | 3.5 | 0.05 | 300 | 300 | 1.6 | 1.1 | 0.000353 | 0.25 | 0.25 | 0.3 | 0.7 | 150 | 150 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | Mean | 1.1 | 0.33 | 300 | 9 | 1.1 | 0.08 | 410 | 390 | 19 | 1.1 | 0.00129 | 0.2 | 0.17 | 0.35 | 0.34 | 180 | 140 | 0.1 | 0.09 | 5200 | 0.033 | 0.016 |
| | Median | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 400 | 400 | 1.6 | 1 | 0.000951 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.05 | 5400 | 0.025 | 0.025 |
| | St. Deviation | 1.9 | 0.16 | 700 | 3 | 1.6 | 0.06 | 120 | 90 | 41 | 0.3 | 0.00114 | 0.07 | 0.11 | 0.25 | 0.22 | 80 | 10 | 0.05 | 0.06 | 700 | 0.031 | 0.012 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.141 | 0.222 | 12.6 | 3.1 | 0.0155 | 0.05 | 300 | 292 | 0.7 | 0.808 | 0.000169 | 0.0936 | 0.0292 | 0.1 | 0.1 | 114 | 124 | 0.05 | 0.05 | 4360 | 0.0031 | 0.0031 |
| | Maximum | 4.55 | 0.6 | 1610 | 11.6 | 3.5 | 0.166 | 599 | 500 | 92.1 | 1.62 | 0.0025 | 0.25 | 0.25 | 0.771 | 0.7 | 317 | 150 | 0.155 | 0.155 | 6200 | 0.0862 | 0.025 |
| | % of values undetected | 60% | 40% | 20% | 80% | 60% | 75% | | | | | 60% | 60% | 60% | 80% | 60% | 60% | 60% | 80% | 100% | | 80% | 100% |
| | # of values between MDL and PQL | | 1 | 2 | 1 | | | 3 | 3 | 3 | 3 | 2 | | 1 | | 1 | | | 1 | | | | |
| SP39 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 0.706 | 0.807 | 10.0 | 6.99 | 0.0510 | | 307 | | 1.29 | 0.824 | 0.00268 | 0.133 | 0.137 | 0.0764 | 0.197 | 270 | 298 | 0.155 | 0.155 | 4510 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.934 | 0.427 | 34.3 | 11.3 | 0.050 | 0.0155 | 476 | 488 | 2.26 | 0.717 | 0.000169 | 0.293 | 0.297 | 0.100 | 0.100 | 446 | 341 | 0.155 | 0.155 | 5300 | 0.0108 | 0.0031 |
| | 08/05/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.05 | 300 | 500 | 0.6 | 0.6 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.1 | 0.05 | 4800 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 500 | 600 | 0.7 | 0.25 | 0.000378 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | 10/27/07 | 1.1 | 0.6 | 10 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 150 | 0.05 | 0.05 | 4000 | 0.025 | 0.025 |
| | Mean | 0.6 | 0.52 | 15 | 13 | 0.05 | 0 | 340 | 470 | 1 | 0.53 | 0.00165 | 0.24 | 0.24 | 0.22 | 0.24 | 500 | 220 | 0.1 | 0.09 | 4700 | 0.018 | 0.016 |
| | Median | 0.706 | 0.5 | 10 | 10 | 0.05 | 0.05 | 307 | 494 | 0.7 | 0.6 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 446 | 150 | 0.1 | 0.05 | 4800 | 0.025 | 0.025 |
| | St. Deviation | 0.4 | 0.21 | 11 | 7 | 0 | 0 | 160 | 130 | 0.8 | 0.27 | 0.00126 | 0.06 | 0.06 | 0.12 | 0.09 | 300 | 90 | 0.05 | 0.06 | 500 | 0.01 | 0.012 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.25 | 0.25 | 10 | 6.99 | 0.05 | 0.0155 | 100 | 300 | 0.25 | 0.25 | 0.000169 | 0.133 | 0.137 | 0.0764 | 0.1 | 150 | 150 | 0.05 | 0.05 | 4000 | 0.0031 | 0.0031 |
| | Maximum | 1.1 | 0.807 | 34.3 | 25 | 0.051 | 0.05 | 500 | 600 | 2.26 | 0.824 | 0.00268 | 0.293 | 0.297 | 0.3 | 0.3 | 1000 | 341 | 0.155 | 0.155 | 5300 | 0.025 | 0.025 |
| | % of values undetected | 40% | 20% | 60% | 60% | 80% | 100% | 20% | | 20% | 40% | 60% | 60% | 60% | 80% | 80% | 40% | 60% | 80% | 100% | | 80% | 100% |
| | # of values between MDL and PQL | 1 | 2 | 1 | 2 | 1 | | 2 | 3 | 2 | 1 | 2 | | | 1 | 1 | 1 | | 1 | | | 1 | |
| SP40 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 0.302 | 0.399 | 18.1 | 27.7 | 0.0474 | | 2110 | 2340 | 0.0754 | 0.105 | 0.000475 | 0.395 | 0.457 | 0.497 | 0.606 | 458 | 532 | 0.155 | 0.155 | 8330 | 0.0031 | 0.0031 |
| | 03/27/07 | 0.396 | | 3.10 | 12.1 | 0.0155 | 0.050 | 2550 | 1450 | 0.0676 | | 0.000169 | 0.395 | 0.129 | 0.710 | | 528 | 552 | 0.326 | 0.155 | 5860 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.331 | 0.342 | 32.7 | 31.8 | 0.0155 | 0.0155 | 2630 | 2740 | 0.149 | | 0.000169 | 0.441 | 0.433 | 0.790 | 0.915 | 556 | 588 | 0.155 | 0.155 | 8250 | 0.0100 | 0.0100 |
| | 08/08/07 | 0.6 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2600 | 2600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.6 | 1000 | 1000 | 0.4 | 0.3 | 7900 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2700 | 2800 | 0.25 | 0.5 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 600 | 500 | 0.3 | 0.3 | 8000 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 2200 | 2500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 600 | 0.25 | 0.25 | 9300 | 0.025 | 0.025 |
| | Mean | 0.355 | 0.3 | 14 | 19.4 | 0.038 | 0.04 | 2470 | 2410 | 0.174 | 0.3 | 0.001 | 0.33 | 0.295 | 0.7 | 0.6 | 700 | 600 | 0.264 | 0.219 | 7940 | 0.015 | 0.015 |
| | Median | 0.317 | 0.25 | 10 | 18.6 | 0.049 | 0.05 | 2580 | 2550 | 0.2 | 0.3 | 0.00032 | 0.323 | 0.25 | 0.6 | 0.6 | 600 | 600 | 0.275 | 0.203 | 8130 | 0.018 | 0.018 |
| | St. Deviation | 0.132 | 0.07 | 10 | 9.8 | 0.018 | 0.02 | 250 | 500 | 0.088 | 0.2 | 0.00117 | 0.089 | 0.126 | 0.4 | 0.2 | 200 | 200 | 0.098 | 0.073 | 1130 | 0.011 | 0.011 |
| | # of values | 6 | 5 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 4 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | Minimum | 0.25 | 0.25 | 3.1 | 10 | 0.0155 | 0.0155 | 2110 | 1450 | 0.0676 | 0.105 | 0.000169 | 0.25 | 0.129 | 0.3 | 0.3 | 458 | 500 | 0.155 | 0.155 | 5860 | 0.0031 | 0.0031 |
| | Maximum | 0.6 | 0.399 | 32.7 | 31.8 | 0.05 | 0.05 | 2700 | 2800 | 0.25 | 0.5 | 0.0025 | 0.441 | 0.457 | 1.5 | 0.915 | 1000 | 1000 | 0.4 | 0.3 | 9300 | 0.025 | 0.025 |
| | % of values undetected | 33% | 60% | 67% | 50% | 83% | 100% | | | 50% | 50% | 100% | 50% | 50% | 50% | 20% | 33% | 17% | 50% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | 1 | 1 | | | | | 1 | | | | 2 | 1 | 2 | 3 | 2 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP37 | | | | | | | | | | | |
| | 10/03/06 | 1670 | 1540 | 0.0050 | 0.0050 | 0.050 | 0.050 | 3.54 | 0.250 | 6.04 | 0.50 |
| | 05/23/07 | 1660 | 1700 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.23 | |
| | 08/05/07 | 1800 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/04/07 | 1900 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.3 | 1 | 5 |
| | 10/23/07 | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1700 | 1700 | 0.032 | 0.032 | 0.05 | 0.05 | 0.8 | 0.18 | 2.1 | 2.9 |
| | Median | 1670 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.155 | 1 | 3 |
| | St. Deviation | 100 | 200 | 0.025 | 0.025 | 0 | 0 | 1.5 | 0.09 | 2.2 | 2.5 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 1600 | 1540 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 0.5 |
| | Maximum | 1900 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 3.54 | 0.3 | 6.04 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 80% | 80% | 60% | 100% |
| | # of values between MDL and PQL | 3 | 2 | | | | | | 1 | | |
| SP39 | | | | | | | | | | | |
| | 10/04/06 | 1610 | 1850 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 05/23/07 | 1920 | 1910 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 3.13 | 1.74 |
| | 08/05/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.1 | 1 | 1 |
| | 09/05/07 | 1900 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 1 |
| | 10/27/07 | 1500 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1700 | 1800 | 0.032 | 0.032 | 0.05 | 0.05 | 0.16 | 0.14 | 2.1 | 2.2 |
| | Median | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.1 | 1 | 1.37 |
| | St. Deviation | 200 | 200 | 0.025 | 0.025 | 0 | 0 | 0.07 | 0.07 | 1.9 | 1.9 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 1500 | 1500 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 1920 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.25 | 0.25 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 80% | 100% | 80% | 75% |
| | # of values between MDL and PQL | 3 | 2 | | | | | 1 | | | |
| SP40 | | | | | | | | | | | |
| | 10/04/06 | 3790 | 4080 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 03/27/07 | 4260 | 2720 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 05/22/07 | 4190 | 4260 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.33 | 1.56 |
| | 08/08/07 | 4200 | 4300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 3 |
| | 09/07/07 | 4500 | 4400 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | 10/24/07 | 3800 | 4200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 4120 | 3990 | 0.06 | 0.06 | 0.05 | 0.05 | 0.14 | 0.14 | 1.6 | 3.6 |
| | Median | 4200 | 4230 | 0.03 | 0.03 | 0.05 | 0.05 | 0.13 | 0.13 | 1 | 4 |
| | St. Deviation | 280 | 630 | 0.1 | 0.1 | 0 | 0 | 0.06 | 0.06 | 1.7 | 1.7 |
| | # of values | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 |
| | Minimum | 3790 | 2720 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 1.56 |
| | Maximum | 4500 | 4400 | 0.25 | 0.25 | 0.05 | 0.05 | 0.25 | 0.25 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 83% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP41 | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 26.3 | 75.0 | 61.3 | 0.303 | 10.0 | 0.050 | 0.0155 | 0.0545 | 0.00155 | 0.0155 | 0.879 | 0.172 | 32.6 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 05/26/07 | 32.4 | 100 | 67.5 | 1.30 | 5.00 | 0.0935 | | | 0.0203 | | 0.845 | 0.173 | 38.1 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 34 | 105 | 60 | 2.5 | 12 | 0.07 | | | 0.11 | | 1.0 | 0.2 | 38.6 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/07/07 | 35 | 105 | 70 | 2.5 | 5 | 0.04 | | | 0.005 | | 1.0 | 0.2 | 41.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 31 | 91 | 50 | 2.5 | 5 | 0.05 | | | 0.01 | | 0.9 | 0.1 | 32.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 32 | 100 | 62 | 1.8 | 7 | 0.061 | 0.0155 | 0.0545 | 0.03 | 0.0155 | 0.9 | 0.17 | 36.6 | 0.0018 | 0.004 | 0.09 | 0.021 | |
| | Median | 32.4 | 100 | 61.3 | 2.5 | 5 | 0.05 | 0.0155 | 0.0545 | 0.01 | 0.0155 | 0.9 | 0.173 | 38.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 10 | 8 | 1 | 3 | 0.021 | NA | NA | 0.05 | NA | 0.1 | 0.04 | 3.9 | 0.001 | 0.006 | 0.06 | 0.005 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| | Minimum | 26.3 | 75 | 50 | 0.303 | 5 | 0.04 | 0.0155 | 0.0545 | 0.00155 | 0.0155 | 0.845 | 0.1 | 32.5 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 35 | 105 | 70 | 2.5 | 12 | 0.0935 | 0.0155 | 0.0545 | 0.11 | 0.0155 | 1 | 0.2 | 41.3 | 0.0025 | 0.015 | 0.155 | 0.025 | |
| | % of values undetected | | | | 60% | 40% | 20% | 100% | | 40% | 100% | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 1 | 4 | | 1 | 1 | | 3 | 3 | | | | | | |
| SP44 | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 14.3 | 43.0 | 45.0 | 0.609 | 6.75 | 0.050 | 0.0155 | 0.0470 | 0.0300 | 0.0800 | 0.776 | 0.0700 | 5.49 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/06/07 | 16 | 47 | 50 | 6 | 1 | 0.04 | | | 0.05 | | 1.0 | 0.05 | 5.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/05/07 | 17 | 46 | 40 | 2.5 | 1 | 0.04 | | | 0.01 | | 1.0 | 0.05 | 5.4 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/23/07 | 16 | 48 | 40 | 6 | 1 | 0.02 | | | 0.04 | | 1.0 | 0.05 | 5.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 16 | 46 | 44 | 3.8 | 2.4 | 0.038 | 0.0155 | 0.047 | 0.033 | 0.08 | 0.9 | 0.055 | 5.5 | 0.0021 | 0.0021 | 0.08 | 0.031 | |
| | Median | 16 | 47 | 43 | 4.3 | 1 | 0.04 | 0.0155 | 0.047 | 0.035 | 0.08 | 1 | 0.05 | 5.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 1 | 2 | 5 | 2.7 | 2.9 | 0.013 | NA | NA | 0.017 | NA | 0.1 | 0.01 | 0.1 | 0.0009 | 0.0009 | 0.05 | 0.013 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 14.3 | 43 | 40 | 0.609 | 1 | 0.02 | 0.0155 | 0.047 | 0.01 | 0.08 | 0.776 | 0.05 | 5.4 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 17 | 48 | 50 | 6 | 6.75 | 0.05 | 0.0155 | 0.047 | 0.05 | 0.08 | 1 | 0.07 | 5.6 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | 25% | 75% | 25% | 100% | | | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 2 | 1 | 3 | | 1 | 2 | 1 | 3 | 1 | | | | | | |
| SP50 | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 9.52 | 26.0 | 33.8 | 0.075 | 7.75 | 0.050 | 0.0155 | 0.050 | 0.0440 | 0.140 | 0.711 | 0.0520 | 0.529 | 0.00075 | 0.0025 | 0.155 | 0.050 | |
| | 05/22/07 | 11.7 | 32.0 | 30.0 | 0.0765 | 1.57 | 0.139 | | | 0.0340 | | 0.618 | 0.0360 | 0.683 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 08/07/07 | 12 | 31 | 30 | 2.5 | 1 | 0.10 | | | 0.05 | | 0.9 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/04/07 | 13 | 31 | 30 | 2.5 | 1 | 0.08 | | | 0.02 | | 0.9 | 0.05 | 0.6 | 0.0025 | | 0.05 | 0.21 | |
| | 10/21/07 | 12 | 28 | 20 | 6 | 1 | 0.04 | | | 0.03 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 12 | 30 | 29 | 2.2 | 2.5 | 0.08 | 0.0155 | 0.05 | 0.036 | 0.14 | 0.81 | 0.048 | 0.62 | 0.0018 | 0.0021 | 0.09 | 0.07 | |
| | Median | 12 | 31 | 30 | 2.5 | 1 | 0.08 | 0.0155 | 0.05 | 0.034 | 0.14 | 0.9 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.05 | |
| | St. Deviation | 1 | 3 | 5 | 2.4 | 3 | 0.04 | NA | NA | 0.012 | NA | 0.13 | 0.007 | 0.07 | 0.001 | 0.0009 | 0.06 | 0.08 | |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | |
| | Minimum | 9.52 | 26 | 20 | 0.075 | 1 | 0.04 | 0.0155 | 0.05 | 0.02 | 0.14 | 0.618 | 0.036 | 0.529 | 0.00075 | 0.00075 | 0.05 | 0.025 | |
| | Maximum | 13 | 32 | 33.8 | 6 | 7.75 | 0.139 | 0.0155 | 0.05 | 0.05 | 0.14 | 0.9 | 0.052 | 0.7 | 0.0025 | 0.0025 | 0.155 | 0.21 | |
| | % of values undetected | | | | 80% | 80% | 20% | 100% | 100% | | | | 60% | | 100% | 100% | 100% | 80% | |
| | # of values between MDL and PQL | | | | 1 | 1 | 2 | | | 2 | | 3 | 2 | 3 | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP41 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 267 | 265 | 0.0075 | 0.0075 | 0.155 | 0.155 | 14.2 | 15.6 | 0.0474 | 0.0602 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0798 | 0.0886 | 7130 | 7740 | 0.050 | 0.050 | 3.30 | 3.34 |
| | 05/26/07 | 372 | 355 | 0.0075 | | 0.155 | 0.155 | 18.4 | 19.7 | 0.0778 | 0.0652 | 0.0075 | 0.0250 | 1.25 | 3.11 | 0.112 | 0.123 | 8420 | 8780 | 0.212 | 0.100 | 4.13 | 4.05 |
| | 08/02/07 | 8140 | 403 | 0.2 | 0.2 | 0.25 | 0.25 | 19.3 | 18.9 | 0.1 | 0.05 | 20 | 20 | 1.9 | 2.9 | 0.2 | 0.1 | 9200 | 9000 | 0.5 | 0.7 | 26.2 | 4.58 |
| | 09/07/07 | 445 | 345 | 0.2 | 0.2 | 0.25 | 0.25 | 17.8 | 17.3 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2 | 0.2 | 0.1 | 9400 | 9200 | 0.05 | 0.05 | 5.06 | 4.31 |
| | 10/27/07 | 344 | 283 | 0.2 | 0.2 | 0.25 | 0.25 | 16.1 | 15.8 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.7 | 0.25 | 0.25 | 7900 | 8400 | 0.25 | 0.25 | 3.01 | 2.71 |
| | Mean | 1910 | 330 | 0.12 | 0.15 | 0.21 | 0.21 | 17.2 | 17.5 | 0.07 | 0.055 | 12 | 12 | 1.7 | 2.2 | 0.17 | 0.13 | 8400 | 8600 | 0.21 | 0.23 | 8.3 | 3.8 |
| | Median | 372 | 345 | 0.2 | 0.2 | 0.25 | 0.25 | 17.8 | 17.3 | 0.05 | 0.05 | 20 | 20 | 1.7 | 2 | 0.2 | 0.1 | 8420 | 8780 | 0.212 | 0.1 | 4.13 | 4.05 |
| | St. Deviation | 3480 | 56 | 0.11 | 0.1 | 0.05 | 0.05 | 2 | 1.8 | 0.02 | 0.007 | 11 | 11 | 0.4 | 0.8 | 0.07 | 0.07 | 900 | 600 | 0.18 | 0.28 | 10 | 0.76 |
| | # of values | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 267 | 265 | 0.0075 | 0.0075 | 0.155 | 0.155 | 14.2 | 15.6 | 0.0474 | 0.05 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0798 | 0.0886 | 7130 | 7740 | 0.05 | 0.05 | 3.01 | 2.71 |
| | Maximum | 8140 | 403 | 0.2 | 0.2 | 0.25 | 0.25 | 19.3 | 19.7 | 0.1 | 0.0652 | 20 | 20 | 2.3 | 3.11 | 0.25 | 0.25 | 9400 | 9200 | 0.5 | 0.7 | 26.2 | 4.58 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 40% | 60% | 100% | 100% | 40% | 20% | 20% | 20% | | | 60% | 80% | | |
| | # of values between MDL and PQL | | | | | | | | | 2 | | | | | 1 | 2 | 2 | | | | | | |
| SP44 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 13.6 | 2.80 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.10 | 2.49 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4620 | 4870 | 0.106 | 0.189 | 0.0065 | 0.0065 |
| | 08/06/07 | 60 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.5 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.3 | 0.05 | 0.05 | 4400 | 5000 | 0.5 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 13 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.3 | 0.05 | 0.05 | 4700 | 5400 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/23/07 | 133 | 6 | 0.2 | 0.2 | 0.7 | 0.25 | 4.3 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.1 | 0.5 | 0.05 | 0.05 | 4900 | 5200 | 0.9 | 0.7 | 0.09 | 0.025 |
| | Mean | 55 | 6 | 0.15 | 0.15 | 0.34 | 0.23 | 2.6 | 2.8 | 0.041 | 0.041 | 15 | 15 | 1.2 | 1.1 | 0.042 | 0.042 | 4700 | 5100 | 0.39 | 0.38 | 0.037 | 0.02 |
| | Median | 37 | 4 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.5 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.3 | 0.05 | 0.05 | 4700 | 5100 | 0.3 | 0.33 | 0.025 | 0.025 |
| | St. Deviation | 57 | 4 | 0.1 | 0.1 | 0.24 | 0.05 | 1.1 | 0.7 | 0.019 | 0.019 | 10 | 10 | 0.5 | 0.4 | 0.016 | 0.016 | 200 | 200 | 0.4 | 0.23 | 0.037 | 0.009 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 13 | 2.5 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.9 | 2.4 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.7 | 0.5 | 0.0185 | 0.0185 | 4400 | 4870 | 0.05 | 0.189 | 0.0065 | 0.0065 |
| | Maximum | 133 | 12 | 0.2 | 0.2 | 0.7 | 0.25 | 4.3 | 3.8 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.3 | 0.05 | 0.05 | 4900 | 5400 | 0.9 | 0.7 | 0.09 | 0.025 |
| | % of values undetected | | 25% | 100% | 100% | 75% | 100% | | | 100% | 100% | 100% | 100% | 25% | 50% | 100% | 100% | | | 25% | 25% | 75% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | 1 | | | | | | 1 | 2 | 1 | |
| SP50 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 7.96 | 6.23 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.159 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 2770 | 3380 | 0.050 | 0.050 | 0.0065 | 0.0144 |
| | 05/22/07 | 11.4 | 7.52 | 0.0075 | 0.0250 | 0.155 | 0.155 | 0.163 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 3710 | | 0.100 | 0.100 | 0.0050 | 0.0146 |
| | 08/07/07 | 7 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 3300 | 3600 | 0.8 | 0.5 | 0.025 | 0.025 |
| | 09/04/07 | 16 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 3300 | 3800 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/21/07 | 7 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.1 | 0.05 | 0.05 | 2800 | 3400 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 10 | 6.1 | 0.12 | 0.13 | 0.21 | 0.21 | 0.4 | NA | 0.035 | 0.035 | 12 | 12 | 1.1 | 1.1 | 0.035 | 0.035 | 3200 | 3500 | 0.34 | 0.19 | 0.017 | 0.021 |
| | Median | 7.96 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | NA | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 3300 | 3500 | 0.1 | 0.1 | 0.025 | 0.025 |
| | St. Deviation | 4 | 2 | 0.11 | 0.1 | 0.05 | 0.05 | 0.5 | NA | 0.021 | 0.021 | 11 | 11 | 0.3 | 0.4 | 0.021 | 0.021 | 400 | 200 | 0.38 | 0.19 | 0.011 | 0.006 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 |
| | Minimum | 7 | 2.5 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.159 | NA | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 0.5 | 0.0075 | 0.0075 | 2770 | 3380 | 0.05 | 0.05 | 0.005 | 0.0144 |
| | Maximum | 16 | 7.52 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | NA | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 3710 | 3800 | 0.8 | 0.5 | 0.025 | 0.025 |
| | % of values undetected | | 20% | 100% | 100% | 100% | 100% | 40% | | 100% | 100% | 100% | 100% | 60% | 60% | 100% | 100% | | | 60% | 80% | 100% | 60% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | 2 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP41 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 138 | 143 | 11.5 | 16.7 | 0.0155 | 0.0376 | 2070 | 2250 | 50.1 | 50.6 | 0.000475 | 0.0145 | 0.0145 | 3.74 | 3.88 | 933 | 994 | 0.155 | 0.155 | 7130 | 0.0110 | 0.0072 |
| | 05/26/07 | 173 | 167 | 11.2 | 19.7 | 0.0155 | | 2770 | 2960 | 70.4 | 69.8 | 0.000169 | 0.0075 | 0.0250 | 4.67 | 4.72 | 1070 | 1160 | 0.155 | 0.155 | 8790 | 0.0176 | 0.0114 |
| | 08/02/07 | 385 | 172 | 230 | 20 | 0.05 | 0.05 | 2800 | 2800 | 1370 | 76.3 | 0.00228 | 2 | 0.25 | 4.8 | 4.5 | 1000 | 1000 | 0.2 | 0.2 | 8500 | 0.25 | 0.025 |
| | 09/07/07 | 181 | 160 | 10 | 10 | 0.05 | 0.05 | 3000 | 2900 | 85.5 | 73.5 | 0.0025 | 0.25 | 0.25 | 4.8 | 4.5 | 1100 | 1300 | 0.1 | 0.2 | 8600 | 0.025 | 0.025 |
| | 10/27/07 | 140 | 134 | 10 | 10 | 0.05 | 0.25 | 2300 | 2500 | 43.8 | 39.7 | 0.000169 | 0.25 | 0.25 | 3.7 | 3.5 | 1100 | 1000 | 0.05 | 0.05 | 8600 | 0.025 | 0.025 |
| | Mean | 203 | 155 | 50 | 15 | 0.036 | 0.1 | 2600 | 2700 | 320 | 62 | 0.00112 | 0.5 | 0.16 | 4.3 | 4.2 | 1000 | 1100 | 0.13 | 0.15 | 8300 | 0.07 | 0.019 |
| | Median | 173 | 160 | 11.2 | 16.7 | 0.05 | 0.05 | 2770 | 2800 | 70.4 | 69.8 | 0.000475 | 0.25 | 0.25 | 4.67 | 4.5 | 1070 | 1000 | 0.155 | 0.155 | 8600 | 0.025 | 0.025 |
| | St. Deviation | 103 | 16 | 100 | 5 | 0.019 | 0.1 | 400 | 300 | 580 | 16 | 0.00117 | 0.8 | 0.13 | 0.6 | 0.5 | 100 | 100 | 0.06 | 0.06 | 700 | 0.1 | 0.009 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 138 | 134 | 10 | 10 | 0.0155 | 0.0376 | 2070 | 2250 | 43.8 | 39.7 | 0.000169 | 0.0075 | 0.0145 | 3.7 | 3.5 | 933 | 994 | 0.05 | 0.05 | 7130 | 0.011 | 0.0072 |
| | Maximum | 385 | 172 | 230 | 20 | 0.05 | 0.25 | 3000 | 2960 | 1370 | 76.3 | 0.0025 | 2 | 0.25 | 4.8 | 4.72 | 1100 | 1300 | 0.2 | 0.2 | 8790 | 0.25 | 0.025 |
| | % of values undetected | | | 40% | 40% | 100% | 75% | | | | | 80% | 80% | 100% | | | 20% | 20% | 60% | 60% | | 60% | 60% |
| | # of values between MDL and PQL | | | 2 | 3 | | 1 | | | | | 1 | 1 | | | | 2 | 2 | 2 | 2 | | 2 | 2 |
| SP44 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 0.147 | | 28.6 | 11.3 | 0.0155 | 0.0155 | 668 | 768 | 0.798 | 0.303 | 0.000475 | 0.225 | 0.233 | 0.105 | 0.154 | 310 | 336 | 0.155 | 0.155 | 7900 | 0.0031 | 0.0031 |
| | 08/06/07 | 0.25 | 0.25 | 250 | 10 | 0.05 | 0.05 | 700 | 800 | 3.1 | 1.1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 8300 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 25 | 20 | 0.05 | 0.05 | 800 | 900 | 0.7 | 0.9 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.05 | 0.05 | 8500 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 170 | 10 | 0.25 | 0.05 | 700 | 800 | 3.5 | 0.25 | 0.000741 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 8600 | 0.025 | 0.025 |
| | Mean | 0.22 | 0.25 | 120 | 13 | 0.09 | 0.041 | 720 | 820 | 2 | 0.6 | 0.00155 | 0.24 | 0.25 | 0.25 | 0.26 | 230 | 500 | 0.08 | 0.08 | 8300 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 100 | 11 | 0.05 | 0.05 | 700 | 800 | 1.9 | 0.6 | 0.00162 | 0.25 | 0.25 | 0.3 | 0.3 | 230 | 400 | 0.05 | 0.05 | 8400 | 0.025 | 0.025 |
| | St. Deviation | 0.05 | 0 | 110 | 5 | 0.11 | 0.017 | 60 | 60 | 1.5 | 0.4 | 0.0011 | 0.01 | 0.01 | 0.1 | 0.07 | 90 | 300 | 0.05 | 0.05 | 300 | 0.011 | 0.011 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.147 | 0.25 | 25 | 10 | 0.0155 | 0.0155 | 668 | 768 | 0.7 | 0.25 | 0.000475 | 0.225 | 0.233 | 0.105 | 0.154 | 150 | 300 | 0.05 | 0.05 | 7900 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.25 | 250 | 20 | 0.25 | 0.05 | 800 | 900 | 3.5 | 1.1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 310 | 1000 | 0.155 | 0.155 | 8600 | 0.025 | 0.025 |
| | % of values undetected | 75% | 100% | 25% | 50% | 100% | 100% | | | | 25% | 75% | 75% | 75% | 75% | 75% | 50% | 25% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 2 | | | 3 | 3 | 1 | 2 | 1 | | | 1 | 1 | 1 | 2 | | | | | |
| SP50 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.123 | | 7.12 | 9.28 | 0.0155 | 0.0806 | 631 | | 0.233 | 0.115 | 0.000475 | 0.0145 | 0.0145 | 0.0706 | 0.174 | 156 | | 0.155 | 0.155 | 6230 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.050 | 0.186 | 12.8 | 11.8 | 0.0155 | | 581 | | 0.577 | 0.701 | 0.000363 | 0.156 | 0.187 | 0.100 | 0.280 | 119 | | 0.155 | 0.155 | 5570 | 0.0100 | 0.0100 |
| | 08/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6000 | 0.025 | 0.025 |
| | 09/04/07 | 1.5 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000481 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 7100 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 800 | 0.25 | 0.25 | 0.000373 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6600 | 0.025 | 0.025 |
| | Mean | 0.4 | 0.23 | 10 | 10 | 0.036 | 0.06 | 680 | 830 | 0.31 | 0.31 | 0.000372 | 0.18 | 0.19 | 0.21 | 0.27 | 300 | 400 | 0.09 | 0.09 | 6300 | 0.018 | 0.018 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 631 | 800 | 0.25 | 0.25 | 0.000373 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 6230 | 0.025 | 0.025 |
| | St. Deviation | 0.6 | 0.03 | 2 | 1 | 0.019 | 0.02 | 110 | 60 | 0.15 | 0.22 | 0.000126 | 0.1 | 0.1 | 0.12 | 0.05 | 400 | 500 | 0.06 | 0.06 | 600 | 0.01 | 0.01 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 4 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.05 | 0.186 | 7.12 | 9.28 | 0.0155 | 0.05 | 581 | 800 | 0.233 | 0.115 | 0.000169 | 0.0145 | 0.0145 | 0.0706 | 0.174 | 119 | 150 | 0.05 | 0.05 | 5570 | 0.0031 | 0.0031 |
| | Maximum | 1.5 | 0.25 | 12.8 | 11.8 | 0.05 | 0.0806 | 800 | 900 | 0.577 | 0.701 | 0.000481 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.155 | 0.155 | 7100 | 0.025 | 0.025 |
| | % of values undetected | 80% | 75% | 60% | 60% | 100% | 75% | | | 60% | 60% | 40% | 80% | 80% | 80% | 60% | 60% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | 2 | | 1 | 3 | 3 | | | 3 | | | 1 | 1 | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP41 | | | | | | | | | | | |
| | 10/06/06 | 2340 | 2540 | 0.0170 | 0.0158 | 0.050 | 0.050 | 0.250 | 0.250 | 18.8 | 22.0 |
| | 05/26/07 | 2970 | 3130 | 0.0302 | 0.0326 | 0.050 | 0.050 | 0.155 | 0.155 | 22.1 | 23.8 |
| | 08/02/07 | 3100 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.1 | 24 | 23 |
| | 09/07/07 | 3300 | 3100 | 0.25 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 25 | 25 |
| | 10/27/07 | 2700 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 21 | 21 |
| | Mean | 2900 | 3000 | 0.08 | 0.04 | 0.05 | 0.05 | 0.2 | 0.14 | 22 | 23 |
| | Median | 2970 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.1 | 22.1 | 23 |
| | St. Deviation | 400 | 200 | 0.1 | 0.015 | 0 | 0 | 0.13 | 0.07 | 2 | 2 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 2340 | 2540 | 0.017 | 0.0158 | 0.05 | 0.05 | 0.1 | 0.1 | 18.8 | 21 |
| | Maximum | 3300 | 3130 | 0.25 | 0.05 | 0.05 | 0.05 | 0.4 | 0.25 | 25 | 25 |
| | % of values undetected | | | 60% | 60% | 100% | 100% | 80% | 100% | | |
| | # of values between MDL and PQL | | | 1 | 1 | | | 1 | | | |
| SP44 | | | | | | | | | | | |
| | 10/06/06 | 2860 | 3110 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.509 | 0.250 | 2.15 | 2.66 |
| | 08/06/07 | 3100 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2 |
| | 09/05/07 | 3200 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 5 | 1 |
| | 10/23/07 | 3100 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 3100 | 3300 | 0.039 | 0.039 | 0.05 | 0.05 | 0.3 | 0.14 | 2.3 | 2.7 |
| | Median | 3100 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1.6 | 2.3 |
| | St. Deviation | 100 | 100 | 0.023 | 0.023 | 0 | 0 | 0.23 | 0.08 | 1.9 | 1.7 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 2860 | 3110 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 3200 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.509 | 0.25 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 75% | 100% | 75% | 50% |
| | # of values between MDL and PQL | | | | | | | 1 | | | 1 |
| SP50 | | | | | | | | | | | |
| | 10/05/06 | 1470 | 1790 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.658 | 0.250 | 0.50 | |
| | 05/22/07 | 1550 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.581 | 0.666 | 0.50 | 1.07 |
| | 08/07/07 | 1800 | 1900 | 0.4 | 0.4 | 0.05 | 0.05 | 0.4 | 0.5 | 1 | 1 |
| | 09/04/07 | 1700 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.9 | 1 | 5 |
| | 10/21/07 | 1500 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1600 | 1800 | 0.1 | 0.1 | 0.05 | 0.05 | 0.49 | 0.56 | 0.8 | 2 |
| | Median | 1550 | 1850 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1.035 |
| | St. Deviation | 100 | 100 | 0.17 | 0.17 | 0 | 0 | 0.14 | 0.24 | 0.3 | 2 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 1470 | 1790 | 0.005 | 0.005 | 0.05 | 0.05 | 0.3 | 0.25 | 0.5 | 1 |
| | Maximum | 1800 | 1900 | 0.4 | 0.4 | 0.05 | 0.05 | 0.658 | 0.9 | 1 | 5 |
| | % of values undetected | | | 80% | 80% | 100% | 100% | 20% | 60% | 100% | 75% |
| | # of values between MDL and PQL | 3 | 3 | 1 | 1 | | | 4 | 2 | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP51 | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 17.4 | 46.0 | 47.5 | 0.075 | 13.3 | 0.115 | 0.0155 | 0.050 | 0.0710 | 0.250 | 0.637 | 0.0690 | 1.38 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 08/07/07 | 19 | 47 | 40 | 2.5 | 1 | 0.09 | | | 0.07 | | 0.8 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 20 | 47 | 40 | 2.5 | 1 | 0.09 | | | 0.06 | | 0.9 | 0.05 | 1.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/21/07 | 21 | 49 | 30 | 6 | 1 | 0.08 | | | 0.06 | | 0.9 | 0.05 | 1.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 19 | 47 | 39 | 2.8 | 4 | 0.09 | 0.0155 | 0.05 | 0.065 | 0.25 | 0.81 | 0.055 | 1.4 | 0.0021 | 0.0021 | 0.08 | 0.031 |
| | Median | 20 | 47 | 40 | 2.5 | 1 | 0.09 | 0.0155 | 0.05 | 0.065 | 0.25 | 0.85 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 1 | 7 | 2.4 | 6 | 0.01 | NA | NA | 0.006 | NA | 0.12 | 0.01 | 0.1 | 0.0009 | 0.0009 | 0.05 | 0.013 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 17.4 | 46 | 30 | 0.075 | 1 | 0.08 | 0.0155 | 0.05 | 0.06 | 0.25 | 0.637 | 0.05 | 1.3 | 0.00075 | 0.00075 | 0.05 | 0.025 |
| | Maximum | 21 | 49 | 47.5 | 6 | 13.3 | 0.115 | 0.0155 | 0.05 | 0.071 | 0.25 | 0.9 | 0.069 | 1.5 | 0.0025 | 0.0025 | 0.155 | 0.05 |
| | % of values undetected | | | | 75% | 75% | | 100% | 100% | | | | 75% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 3 | | | | | 3 | 1 | 3 | | | | |
| SP53 | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 13.2 | 36.0 | 45.0 | 0.150 | 9.00 | 0.050 | 0.0155 | 0.0645 | 0.0190 | 0.0700 | 0.672 | 0.0550 | 5.08 | 0.00075 | 0.0020 | 0.155 | 0.0155 |
| | 05/23/07 | 13.4 | 39.0 | 50.0 | 0.1615 | 6.00 | 0.125 | | | 0.0160 | | 0.688 | 0.0400 | 5.94 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 08/06/07 | 16 | 46 | 40 | 2.5 | 1 | 0.11 | | | 0.02 | | 0.9 | 0.05 | 6.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 17 | 45 | 50 | 2.5 | 1 | 1.80 | | | 0.005 | | 0.9 | 0.05 | 6.6 | 0.0025 | 0.0025 | 0.05 | 0.12 |
| | 10/21/07 | 15 | 40 | 30 | 6 | 1 | 0.06 | | | 0.02 | | 0.9 | 0.05 | 5.2 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 15 | 41 | 43 | 2.3 | 3.6 | 0.4 | 0.0155 | 0.0645 | 0.016 | 0.07 | 0.81 | 0.049 | 5.8 | 0.004 | 0.0021 | 0.09 | 0.05 |
| | Median | 15 | 40 | 45 | 2.5 | 1 | 0.11 | 0.0155 | 0.0645 | 0.019 | 0.07 | 0.9 | 0.05 | 5.94 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 4 | 8 | 2.4 | 3.7 | 0.8 | NA | NA | 0.006 | NA | 0.12 | 0.005 | 0.6 | 0.006 | 0.0008 | 0.06 | 0.04 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 13.2 | 36 | 30 | 0.15 | 1 | 0.05 | 0.0155 | 0.0645 | 0.005 | 0.07 | 0.672 | 0.04 | 5.08 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 17 | 46 | 50 | 6 | 9 | 1.8 | 0.0155 | 0.0645 | 0.02 | 0.07 | 0.9 | 0.055 | 6.6 | 0.015 | 0.0025 | 0.155 | 0.12 |
| | % of values undetected | | | | 80% | 60% | 20% | 100% | | 20% | | | 60% | | 100% | 80% | 100% | 80% |
| | # of values between MDL and PQL | | | | 1 | 2 | 1 | | 1 | 2 | 1 | 3 | 2 | | | 1 | | 1 |
| SP54 | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 23.7 | 50.0 | 22.5 | 0.400 | 15.8 | 0.050 | 0.0155 | 0.050 | 0.0106 | 0.0600 | 0.632 | 0.0490 | 2.04 | 0.00075 | 0.0020 | 0.155 | 0.050 |
| | 05/22/07 | 19.8 | 50.0 | 48.8 | 0.1515 | 1.57 | 0.162 | | | 0.0050 | | 0.752 | 0.0450 | 2.35 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 08/08/07 | 22 | 56 | 20 | 2.5 | 1 | 0.09 | | | 0.02 | | 0.7 | 0.05 | 2.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/07/07 | 25 | 59 | 50 | 2.5 | 1 | 0.10 | | | 0.005 | | 0.8 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.48 |
| | 10/27/07 | 23 | 56 | 60 | 2.5 | 1 | 0.08 | | | 0.01 | | 0.8 | 0.05 | 1.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 23 | 54 | 40 | 1.6 | 4 | 0.1 | 0.0155 | 0.05 | 0.01 | 0.06 | 0.74 | 0.049 | 2 | 0.0018 | 0.0021 | 0.09 | 0.13 |
| | Median | 23 | 56 | 48.8 | 2.5 | 1 | 0.09 | 0.0155 | 0.05 | 0.01 | 0.06 | 0.752 | 0.05 | 2.04 | 0.0025 | 0.0025 | 0.05 | 0.05 |
| | St. Deviation | 2 | 4 | 18 | 1.2 | 7 | 0.04 | NA | NA | 0.006 | NA | 0.07 | 0.002 | 0.3 | 0.001 | 0.0008 | 0.06 | 0.2 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 19.8 | 50 | 20 | 0.1515 | 1 | 0.05 | 0.0155 | 0.05 | 0.005 | 0.06 | 0.632 | 0.045 | 1.5 | 0.00075 | 0.00075 | 0.05 | 0.025 |
| | Maximum | 25 | 59 | 60 | 2.5 | 15.8 | 0.162 | 0.0155 | 0.05 | 0.02 | 0.06 | 0.8 | 0.05 | 2.35 | 0.0025 | 0.0025 | 0.155 | 0.48 |
| | % of values undetected | | | | 80% | 80% | 20% | 100% | 100% | 20% | | | 60% | | 100% | 80% | 100% | 80% |
| | # of values between MDL and PQL | | | | 1 | | 2 | | | 3 | 1 | 3 | 2 | 3 | | 1 | | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP51 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 1.00 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.254 | | 0.0125 | 0.0125 | 0.0075 | 0.0296 | 1.25 | 2.87 | 0.0185 | 0.0185 | 5490 | 5420 | 0.050 | 0.203 | 0.0134 | 0.0164 |
| | 08/07/07 | 7 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.7 | 0.05 | 0.05 | 5300 | 5800 | 0.5 | 0.3 | 0.025 | 0.025 |
| | 09/04/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 5500 | 6200 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/21/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.1 | 0.05 | 0.05 | 6300 | 6700 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 4.1 | 4 | 0.15 | 0.15 | 0.23 | 0.23 | 0.6 | NA | 0.041 | 0.041 | 15 | 15 | 1 | 1.5 | 0.042 | 0.042 | 5600 | 6000 | 0.3 | 0.2 | 0.022 | 0.023 |
| | Median | 4.3 | 3 | 0.2 | 0.2 | 0.25 | 0.25 | 0.3 | NA | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.4 | 0.05 | 0.05 | 5500 | 6000 | 0.28 | 0.23 | 0.025 | 0.025 |
| | St. Deviation | 2.8 | 5 | 0.1 | 0.1 | 0.05 | 0.05 | 0.6 | NA | 0.019 | 0.019 | 10 | 10 | 0.3 | 1 | 0.016 | 0.016 | 400 | 500 | 0.29 | 0.11 | 0.006 | 0.004 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 1 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.25 | NA | 0.0125 | 0.0125 | 0.0075 | 0.0296 | 0.5 | 0.5 | 0.0185 | 0.0185 | 5300 | 5420 | 0.05 | 0.05 | 0.0134 | 0.0164 |
| | Maximum | 7 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | NA | 0.05 | 0.05 | 20 | 20 | 1.25 | 2.87 | 0.05 | 0.05 | 6300 | 6700 | 0.6 | 0.3 | 0.025 | 0.025 |
| | % of values undetected | 50% | 75% | 100% | 100% | 100% | 100% | 50% | | 100% | 100% | 100% | 75% | 50% | 25% | 100% | 100% | | | 50% | 50% | 75% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | 1 | | | | | | 1 | 1 | 1 |
| SP53 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 4.42 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.49 | 2.87 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4250 | 4430 | 0.114 | 0.050 | 0.0152 | 0.0160 |
| | 05/23/07 | 5.12 | 3.15 | 0.0662 | 0.0250 | 0.155 | 0.155 | 2.96 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.71 | 0.0206 | 0.0075 | 4180 | 4540 | 0.215 | 0.100 | 0.0340 | 0.0232 |
| | 08/06/07 | 5 | | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.4 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.6 | 0.05 | 0.05 | 4600 | 5000 | 0.5 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.1 | 3.4 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.2 | 0.05 | 0.05 | 4800 | 5200 | 0.25 | 0.25 | 0.06 | 0.08 |
| | 10/21/07 | 10 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 2.5 | | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.3 | 0.05 | 0.05 | 4300 | 4700 | 0.25 | 0.6 | 0.025 | 0.025 |
| | Mean | 7 | 2 | 0.13 | 0.13 | 0.26 | 0.21 | 2.8 | 3.2 | 0.035 | 0.035 | 12 | 12 | 1.1 | 1.6 | 0.038 | 0.035 | 4400 | 4800 | 0.27 | 0.28 | 0.032 | 0.034 |
| | Median | 5.12 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.96 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.3 | 0.05 | 0.05 | 4300 | 4700 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 3 | 1 | 0.09 | 0.1 | 0.14 | 0.05 | 0.3 | 0.3 | 0.021 | 0.021 | 11 | 11 | 0.4 | 0.6 | 0.017 | 0.021 | 300 | 300 | 0.14 | 0.23 | 0.017 | 0.026 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 4.42 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.49 | 2.87 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 1.2 | 0.0185 | 0.0075 | 4180 | 4430 | 0.114 | 0.05 | 0.0152 | 0.016 |
| | Maximum | 10 | 3.15 | 0.2 | 0.2 | 0.5 | 0.25 | 3.1 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.6 | 2.71 | 0.05 | 0.05 | 4800 | 5200 | 0.5 | 0.6 | 0.06 | 0.08 |
| | % of values undetected | | 75% | 80% | 100% | 80% | 100% | | | 100% | 100% | 100% | 100% | 60% | 20% | 80% | 100% | | | 40% | 60% | 40% | 40% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | 1 | 1 | 1 | | | | 1 | 1 | 2 | 2 |
| SP54 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 14.7 | 2.67 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.23 | 3.45 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 6880 | 5980 | 0.207 | 0.050 | 0.0278 | 0.0246 |
| | 05/22/07 | 2.31 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.36 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5500 | 5820 | 0.100 | 0.050 | 0.0170 | 0.0222 |
| | 08/08/07 | 72 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 3.5 | 0.05 | 0.05 | 20 | 20 | 1.6 | 2 | 0.05 | 0.05 | 6600 | 6400 | 0.3 | 0.6 | 0.025 | 0.025 |
| | 09/07/07 | 21 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 3.9 | 0.05 | 0.05 | 20 | 20 | 2.7 | 2.6 | 0.05 | 0.05 | 6800 | 7000 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 8 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.1 | 0.05 | 0.05 | 20 | 20 | 2.7 | 2.7 | 0.05 | 0.05 | 6200 | 6600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 24 | 4.2 | 0.13 | 0.13 | 0.21 | 0.21 | 3.3 | 3.7 | 0.035 | 0.035 | 12 | 12 | 1.9 | 2 | 0.035 | 0.035 | 6400 | 6400 | 0.22 | 0.24 | 0.024 | 0.024 |
| | Median | 14.7 | 2.67 | 0.2 | 0.2 | 0.25 | 0.25 | 3.4 | 3.7 | 0.05 | 0.05 | 20 | 20 | 1.6 | 2 | 0.05 | 0.05 | 6600 | 6400 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 28 | 3.2 | 0.1 | 0.1 | 0.05 | 0.05 | 0.7 | 0.3 | 0.021 | 0.021 | 11 | 11 | 0.7 | 0.7 | 0.021 | 0.021 | 600 | 500 | 0.08 | 0.22 | 0.004 | 0.001 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 2.31 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.36 | 3.45 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5500 | 5820 | 0.1 | 0.05 | 0.017 | 0.0222 |
| | Maximum | 72 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.1 | 0.05 | 0.05 | 20 | 20 | 2.7 | 2.7 | 0.05 | 0.05 | 6880 | 7000 | 0.3 | 0.6 | 0.0278 | 0.025 |
| | % of values undetected | | 40% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 40% | 40% | 100% | 100% | | | 60% | 80% | 60% | 60% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP51 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.050 | | 12.5 | 8.00 | 0.0420 | | 906 | 1010 | 0.108 | 0.122 | 0.000475 | 0.340 | 0.403 | 0.140 | 0.234 | 168 | | 0.155 | 0.155 | 7690 | 0.0031 | 0.0031 |
| | 08/07/07 | 0.9 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 8100 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1000 | 1100 | 0.25 | 0.25 | 0.000645 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 9000 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 900 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 7300 | 0.025 | 0.025 |
| | Mean | 0.36 | 0.25 | 14 | 10 | 0.1 | 0.05 | 900 | 1100 | 0.21 | 0.22 | 0.000364 | 0.27 | 0.29 | 0.26 | 0.28 | 400 | 400 | 0.08 | 0.08 | 8000 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 11 | 10 | 0.05 | 0.05 | 900 | 1100 | 0.25 | 0.25 | 0.000322 | 0.25 | 0.25 | 0.3 | 0.3 | 200 | 200 | 0.05 | 0.05 | 7900 | 0.025 | 0.025 |
| | St. Deviation | 0.37 | 0 | 7 | 1 | 0.1 | 0 | 0 | 0 | 0.07 | 0.06 | 0.000236 | 0.05 | 0.08 | 0.08 | 0.03 | 400 | 500 | 0.05 | 0.05 | 700 | 0.011 | 0.011 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.05 | 0.25 | 10 | 8 | 0.042 | 0.05 | 900 | 1010 | 0.108 | 0.122 | 0.000169 | 0.25 | 0.25 | 0.14 | 0.234 | 150 | 150 | 0.05 | 0.05 | 7300 | 0.0031 | 0.0031 |
| | Maximum | 0.9 | 0.25 | 25 | 10 | 0.25 | 0.05 | 1000 | 1100 | 0.25 | 0.25 | 0.000645 | 0.34 | 0.403 | 0.3 | 0.3 | 1000 | 1000 | 0.155 | 0.155 | 9000 | 0.025 | 0.025 |
| | % of values undetected | 75% | 100% | 75% | 75% | 75% | 100% | | | 75% | 75% | 75% | 75% | 75% | 75% | 75% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | 1 | 1 | | 2 | | | | 1 | | | 1 | | | | | | | | |
| SP53 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 0.683 | 0.541 | 3.10 | 3.10 | 0.300 | 0.0155 | 637 | 677 | 0.352 | 0.279 | 0.000475 | 0.140 | 0.137 | 0.301 | 0.295 | 295 | 309 | 0.155 | 0.155 | 6520 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.971 | 0.627 | 24.3 | 18.6 | 0.217 | 0.050 | 710 | 828 | 0.654 | 0.599 | 0.000407 | 0.159 | 0.179 | 0.375 | 0.464 | 310 | 341 | 0.155 | 0.155 | 7280 | 0.0031 | 0.0031 |
| | 08/06/07 | 0.6 | 0.25 | 110 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.6 | 1000 | 1000 | 0.1 | 0.2 | 7500 | 0.025 | 0.025 |
| | 09/05/07 | 1.5 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.1 | 0.2 | 8600 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.25 | 10 | 10 | 0.25 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000425 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.25 | 0.25 | 7400 | 0.025 | 0.025 |
| | Mean | 0.8 | 0.38 | 30 | 10 | 0.17 | 0.043 | 690 | 780 | 0.35 | 0.33 | 0.0008 | 0.21 | 0.21 | 0.32 | 0.6 | 400 | 500 | 0.15 | 0.19 | 7500 | 0.016 | 0.016 |
| | Median | 0.683 | 0.25 | 10 | 10 | 0.217 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000425 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 341 | 0.155 | 0.2 | 7400 | 0.025 | 0.025 |
| | St. Deviation | 0.5 | 0.19 | 40 | 5 | 0.12 | 0.015 | 80 | 90 | 0.17 | 0.15 | 0.00096 | 0.06 | 0.05 | 0.03 | 0.6 | 300 | 300 | 0.06 | 0.04 | 700 | 0.012 | 0.012 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.25 | 0.25 | 3.1 | 3.1 | 0.05 | 0.0155 | 600 | 677 | 0.25 | 0.25 | 0.000169 | 0.14 | 0.137 | 0.3 | 0.295 | 150 | 300 | 0.1 | 0.155 | 6520 | 0.0031 | 0.0031 |
| | Maximum | 1.5 | 0.627 | 110 | 18.6 | 0.3 | 0.05 | 800 | 900 | 0.654 | 0.599 | 0.0025 | 0.25 | 0.25 | 0.375 | 1.6 | 1000 | 1000 | 0.25 | 0.25 | 8600 | 0.025 | 0.025 |
| | % of values undetected | 40% | 60% | 60% | 80% | 60% | 100% | | | 60% | 60% | 60% | 60% | 60% | 60% | 40% | 40% | 20% | 60% | 60% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | | 1 | | | 3 | 3 | | | 2 | | | 1 | 1 | 2 | 2 | 2 | | | | |
| SP54 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.372 | 0.390 | 33.2 | 18.7 | 0.0155 | | 1590 | 1600 | 0.580 | 0.448 | 0.000475 | 0.133 | 0.142 | 0.212 | 0.235 | 495 | 499 | 0.155 | 0.155 | 6300 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.249 | 0.348 | 17.9 | 16.7 | 0.0155 | 0.0155 | 1480 | 1630 | 0.258 | 0.263 | 0.000436 | 0.110 | 0.142 | 0.201 | 0.364 | 379 | 434 | 0.155 | 0.155 | 5390 | 0.0031 | 0.0031 |
| | 08/08/07 | 0.25 | 0.25 | 70 | 10 | 0.05 | 0.1 | 1600 | 1500 | 1 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1700 | 1700 | 0.7 | 1 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 400 | 500 | 0.05 | 0.05 | 7500 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 1400 | 1500 | 0.7 | 1 | 0.000612 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 700 | 0.05 | 0.05 | 6800 | 0.025 | 0.025 |
| | Mean | 0.27 | 0.3 | 28 | 13 | 0.036 | 0.1 | 1600 | 1600 | 0.6 | 0.6 | 0.00084 | 0.2 | 0.21 | 0.26 | 0.5 | 600 | 600 | 0.09 | 0.09 | 6400 | 0.016 | 0.016 |
| | Median | 0.25 | 0.25 | 17.9 | 10 | 0.05 | 0.075 | 1590 | 1600 | 0.7 | 0.448 | 0.0004745 | 0.25 | 0.25 | 0.3 | 0.3 | 495 | 500 | 0.05 | 0.05 | 6300 | 0.025 | 0.025 |
| | St. Deviation | 0.05 | 0.07 | 25 | 4 | 0.019 | 0.1 | 100 | 100 | 0.3 | 0.4 | 0.00094 | 0.07 | 0.06 | 0.05 | 0.5 | 300 | 200 | 0.06 | 0.06 | 800 | 0.012 | 0.012 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.249 | 0.25 | 10 | 10 | 0.0155 | 0.0155 | 1400 | 1500 | 0.258 | 0.25 | 0.000169 | 0.11 | 0.142 | 0.201 | 0.235 | 379 | 434 | 0.05 | 0.05 | 5390 | 0.0031 | 0.0031 |
| | Maximum | 0.372 | 0.39 | 70 | 18.7 | 0.05 | 0.25 | 1700 | 1700 | 1 | 1 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 1000 | 1000 | 0.155 | 0.155 | 7500 | 0.025 | 0.025 |
| | % of values undetected | 60% | 60% | 40% | 60% | 100% | 75% | | | | 20% | 60% | 60% | 60% | 60% | 60% | 20% | 20% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 2 | | 1 | | | 3 | 2 | 2 | | | | | 2 | 2 | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP51 | | | | | | | | | | | |
| | 10/05/06 | 2230 | 2390 | 0.0050 | 0.0298 | 0.050 | | 0.250 | 0.250 | 0.50 | |
| | 08/07/07 | 2400 | 2600 | 0.05 | 0.2 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 2 |
| | 09/04/07 | 2400 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.8 | 1 | 5 |
| | 10/21/07 | 2500 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2400 | 2600 | 0.039 | 0.08 | 0.05 | 0.05 | 0.39 | 0.46 | 0.9 | 2.7 |
| | Median | 2400 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.4 | 1 | 2 |
| | St. Deviation | 100 | 100 | 0.023 | 0.08 | 0 | 0 | 0.13 | 0.25 | 0.3 | 2.1 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 |
| | Minimum | 2230 | 2390 | 0.005 | 0.0298 | 0.05 | 0.05 | 0.25 | 0.25 | 0.5 | 1 |
| | Maximum | 2500 | 2700 | 0.05 | 0.2 | 0.05 | 0.05 | 0.5 | 0.8 | 1 | 5 |
| | % of values undetected | | | 100% | 50% | 100% | 100% | 75% | 50% | 100% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | 1 | 2 | | 1 |
| SP53 | | | | | | | | | | | |
| | 10/06/06 | 2180 | 2180 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 1.55 | |
| | 05/23/07 | 2400 | 2450 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.50 | |
| | 08/06/07 | 2400 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 3 |
| | 09/05/07 | 2500 | 2700 | 0.25 | 0.8 | 0.05 | 0.05 | 0.1 | 0.4 | 5 | 1 |
| | 10/21/07 | 2300 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 2400 | 2500 | 0.07 | 0.18 | 0.05 | 0.05 | 0.14 | 0.2 | 2 | 3 |
| | Median | 2400 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.155 | 1.5 | 3 |
| | St. Deviation | 100 | 200 | 0.1 | 0.35 | 0 | 0 | 0.07 | 0.13 | 1.7 | 2 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 |
| | Minimum | 2180 | 2180 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2500 | 2700 | 0.25 | 0.8 | 0.05 | 0.05 | 0.25 | 0.4 | 5 | 5 |
| | % of values undetected | | | 100% | 80% | 100% | 100% | 100% | 80% | 60% | 67% |
| | # of values between MDL and PQL | | | | | | | | 1 | | 1 |
| SP54 | | | | | | | | | | | |
| | 10/05/06 | 2720 | 2720 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 05/22/07 | 2330 | 2470 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | 1.35 |
| | 08/08/07 | 2600 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2 |
| | 09/07/07 | 2900 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | 10/27/07 | 2800 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | Mean | 2700 | 2700 | 0.032 | 0.032 | 0.05 | 0.05 | 0.22 | 0.3 | 0.8 | 3.3 |
| | Median | 2720 | 2720 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.25 | 1 | 3.5 |
| | St. Deviation | 200 | 300 | 0.025 | 0.025 | 0 | 0 | 0.17 | 0.19 | 0.3 | 1.9 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 2330 | 2470 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 1.35 |
| | Maximum | 2900 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 80% | 100% | 50% |
| | # of values between MDL and PQL | | | | | | | | 1 | | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------|--------------------------------|-----------------|---------------------------|-----------------|-----------------|--------------------------|------------------------|------------------|------------------|-----------------|-----------------------|---------------------|---------------------|-----------------|
| SP56 | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 3.19 | 12.0 | 20.0 | 0.0765 | 1.57 | 0.050 | 0.0155 | 0.050 | 0.0060 | 0.0155 | 0.797 | 0.0430 | 0.687 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 05/22/07 | 1.87 | 7.00 | 20.0 | 0.1595 | 1.57 | 0.050 | | | 0.0070 | | 0.626 | 0.0155 | 0.498 | 0.00075 | 0.00075 | 0.44 | 0.050 |
| | 08/09/07 | 4 | 14 | 10 | 2.5 | 1 | 0.23 | | | 0.005 | | 0.6 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 3.5 | 18 | 40 | 2.5 | 1 | 0.16 | | | 0.005 | | 7.7 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.29 |
| | Mean | 3.14 | 13 | 23 | 1.31 | 1.3 | 0.12 | 0.0155 | 0.05 | 0.0058 | 0.0155 | 2.43 | 0.04 | 0.62 | 0.0016 | 0.0016 | 0.17 | 0.1 |
| | Median | 3.35 | 13 | 20 | 1.33 | 1.3 | 0.11 | 0.0155 | 0.05 | 0.0055 | 0.0155 | 0.71 | 0.047 | 0.64 | 0.0016 | 0.0016 | 0.1 | 0.05 |
| | St. Deviation | 0.91 | 5 | 13 | 1.38 | 0.3 | 0.09 | NA | NA | 0.001 | NA | 3.51 | 0.016 | 0.09 | 0.001 | 0.001 | 0.18 | 0.12 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 1.87 | 7 | 10 | 0.0765 | 1 | 0.05 | 0.0155 | 0.05 | 0.005 | 0.0155 | 0.6 | 0.0155 | 0.498 | 0.00075 | 0.00075 | 0.05 | 0.025 |
| | Maximum | 4 | 18 | 40 | 2.5 | 1.57 | 0.23 | 0.0155 | 0.05 | 0.007 | 0.0155 | 7.7 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.44 | 0.29 |
| | % of values undetected | 25% | | | 100% | 100% | 50% | 100% | 100% | 50% | 100% | | 75% | | 100% | 100% | 75% | 75% |
| | # of values between MDL and PQL | 1 | | 1 | | | | | | 2 | | 1 | 1 | 2 | | | 1 | 1 |
| SP57 | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 19.1 | 50.0 | 33.8 | 0.417 | 15.0 | 0.0630 | 0.0155 | 0.0520 | 0.0140 | 0.0155 | 0.724 | 0.0560 | 2.55 | 0.00075 | 0.0030 | 0.155 | 0.050 |
| | 03/27/07 | 20.6 | 50.0 | 23.8 | 0.300 | 6.00 | 0.150 | 0.050 | 0.117 | 0.0160 | 0.0155 | 0.824 | 0.0380 | 3.51 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 05/23/07 | 18.8 | 50.0 | 51.3 | 0.1515 | 7.50 | 0.163 | | | 0.0040 | | 0.804 | 0.0450 | 2.59 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 08/08/07 | 21 | 53 | 30 | 2.5 | 1 | 0.08 | | | 0.01 | | 0.8 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/07/07 | 22 | 55 | 40 | 2.5 | 1 | 0.08 | | | 0.005 | | 0.8 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 1.51 |
| | 10/24/07 | 23 | 57 | 40 | 2.5 | 1 | 0.09 | | | 0.01 | | 1.5 | 0.05 | 2.1 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 20.8 | 53 | 36 | 1.4 | 5 | 0.1 | 0.033 | 0.085 | 0.01 | 0.0155 | 0.91 | 0.048 | 2.68 | 0.004 | 0.002 | 0.1 | 0.3 |
| | Median | 20.8 | 52 | 37 | 1.5 | 4 | 0.09 | 0.033 | 0.085 | 0.01 | 0.0155 | 0.8 | 0.05 | 2.6 | 0.002 | 0.0025 | 0.1 | 0 |
| | St. Deviation | 1.6 | 3 | 10 | 1.2 | 6 | 0.04 | 0.024 | 0.046 | 0.005 | 0 | 0.29 | 0.006 | 0.46 | 0.006 | 0.001 | 0.06 | 0.6 |
| | # of values | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 2 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | Minimum | 18.8 | 50 | 23.8 | 0.1515 | 1 | 0.063 | 0.0155 | 0.052 | 0.004 | 0.0155 | 0.724 | 0.038 | 2.1 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 23 | 57 | 51.3 | 2.5 | 15 | 0.163 | 0.05 | 0.117 | 0.016 | 0.0155 | 1.5 | 0.056 | 3.51 | 0.015 | 0.003 | 0.155 | 1.51 |
| | % of values undetected | | | | 83% | 50% | | 100% | | 17% | 100% | | 50% | | 100% | 83% | 100% | 83% |
| | # of values between MDL and PQL | | | | 1 | 2 | 4 | | 1 | 3 | | 3 | 3 | 3 | | 1 | | |
| SP60 | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 4.72 | 15.0 | 26.3 | 2.57 | 6.00 | 0.050 | 0.0155 | 0.0330 | 0.0080 | 0.0155 | 1.09 | 0.0520 | 1.19 | 0.00075 | 0.0020 | 0.155 | 0.050 |
| | 08/07/07 | 9 | 25 | 10 | 10 | 1 | 0.04 | | | 0.01 | | 0.6 | 0.05 | 1.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 11 | 27 | 30 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.7 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/23/07 | 10 | 24 | 10 | 12 | 1 | 0.03 | | | 0.005 | | 0.8 | 0.05 | 1.3 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 9 | 23 | 19 | 7 | 2.3 | 0.043 | 0.0155 | 0.033 | 0.007 | 0.0155 | 0.8 | 0.051 | 1.6 | 0.005 | 0.0024 | 0.08 | 0.031 |
| | Median | 10 | 25 | 18 | 6 | 1 | 0.045 | 0.0155 | 0.033 | 0.007 | 0.0155 | 0.8 | 0.05 | 1.5 | 0.003 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 3 | 5 | 11 | 5 | 2.5 | 0.01 | NA | NA | 0.002 | NA | 0.2 | 0.001 | 0.4 | 0.007 | 0.0003 | 0.05 | 0.013 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 1 | 4 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 4.72 | 15 | 10 | 2.5 | 1 | 0.03 | 0.0155 | 0.033 | 0.005 | 0.0155 | 0.6 | 0.05 | 1.19 | 0.00075 | 0.002 | 0.05 | 0.025 |
| | Maximum | 11 | 27 | 30 | 12 | 6 | 0.05 | 0.0155 | 0.033 | 0.01 | 0.0155 | 1.09 | 0.052 | 2.1 | 0.015 | 0.0025 | 0.155 | 0.05 |
| | % of values undetected | | | | 50% | 75% | 25% | 100% | | 50% | 100% | | 75% | | 100% | 75% | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | 1 | 1 | 3 | | 1 | 2 | | 3 | 1 | 3 | | 1 | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP56 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 36.9 | 35.3 | 0.0075 | 0.0075 | 0.155 | 0.155 | 1.27 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 1040 | | 0.050 | 0.050 | 0.0168 | 0.0216 |
| | 05/22/07 | 24.2 | 24.6 | 0.0250 | 0.0250 | 0.155 | 0.155 | 1.16 | | 0.0125 | 0.0125 | 0.0075 | 0.0250 | 1.25 | 1.25 | 0.0075 | 0.0075 | 577 | | 0.050 | | 0.0546 | |
| | 08/09/07 | 7 | 10 | 0.2 | 0.2 | 0.8 | 0.25 | 0.9 | 0.8 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 1400 | 1400 | 0.05 | 0.5 | 0.025 | 0.025 |
| | 09/04/07 | 27 | 17 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 2.1 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 1800 | 2100 | 0.25 | 0.05 | 0.025 | 0.025 |
| | Mean | 23.8 | 21.7 | 0.11 | 0.11 | 0.34 | 0.203 | 1.23 | 1.45 | 0.031 | 0.031 | 10 | 10 | 1.08 | 1.08 | 0.032 | 0.032 | 1200 | 1750 | 0.1 | 0.2 | 0.0304 | 0.0239 |
| | Median | 25.6 | 20.8 | 0.11 | 0.11 | 0.203 | 0.203 | 1.22 | 1.45 | 0.031 | 0.031 | 10 | 10 | 1.25 | 1.25 | 0.034 | 0.034 | 1220 | 1750 | 0.05 | 0.05 | 0.025 | 0.025 |
| | St. Deviation | 12.4 | 10.8 | 0.11 | 0.11 | 0.31 | 0.055 | 0.29 | 0.92 | 0.022 | 0.022 | 12 | 12 | 0.38 | 0.38 | 0.022 | 0.022 | 520 | 490 | 0.1 | 0.26 | 0.0166 | 0.002 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 4 | 3 | 4 | 3 |
| | Minimum | 7 | 10 | 0.0075 | 0.0075 | 0.155 | 0.155 | 0.9 | 0.8 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 0.5 | 0.0075 | 0.0075 | 577 | 1400 | 0.05 | 0.05 | 0.0168 | 0.0216 |
| | Maximum | 36.9 | 35.3 | 0.2 | 0.2 | 0.8 | 0.25 | 1.6 | 2.1 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 1800 | 2100 | 0.25 | 0.5 | 0.0546 | 0.025 |
| | % of values undetected | | | 100% | 100% | 75% | 100% | | | 100% | 100% | 100% | 100% | 75% | 75% | 100% | 100% | | | 100% | 67% | 50% | 67% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | | | 1 | |
| SP57 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 5.45 | 4.00 | 0.0250 | 0.0250 | 0.155 | 0.375 | 2.70 | | 0.0125 | 0.0125 | 0.0075 | 0.0204 | 1.25 | 1.25 | 0.0185 | 0.0185 | 5370 | 6080 | 0.050 | 0.050 | 0.0190 | 0.0230 |
| | 03/27/07 | 2.77 | 1.00 | 0.0256 | 0.0214 | 0.155 | 0.155 | 2.54 | | 0.0125 | 0.0125 | 0.0162 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5730 | | 0.248 | 0.204 | 0.0100 | |
| | 05/23/07 | 2.73 | 2.24 | 0.0250 | 0.0250 | 0.155 | 0.155 | 2.54 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5300 | 5280 | 0.290 | 0.241 | 0.0128 | 0.0244 |
| | 08/08/07 | 3 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3.3 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.6 | 0.05 | 0.05 | 5900 | 6000 | 0.2 | 0.5 | 0.025 | 0.025 |
| | 09/07/07 | 16 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3.3 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.5 | 0.05 | 0.05 | 6000 | 6300 | 0.25 | 0.05 | 0.06 | 0.025 |
| | 10/24/07 | 5 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 4 | | 0.05 | 0.05 | 20 | 20 | 2.1 | 2.3 | 0.05 | 0.05 | 5800 | 6500 | 0.25 | 0.25 | 0.025 | 0.07 |
| | Mean | 5.8 | 3.8 | 0.11 | 0.11 | 0.203 | 0.239 | 2.9 | 3.3 | 0.031 | 0.031 | 10 | 10 | 1.48 | 1.53 | 0.031 | 0.031 | 5700 | 6030 | 0.21 | 0.22 | 0.025 | 0.03 |
| | Median | 4 | 3.3 | 0.11 | 0.11 | 0.203 | 0.25 | 2.8 | 3.3 | 0.031 | 0.031 | 10 | 10 | 1.28 | 1.38 | 0.034 | 0.034 | 5800 | 6080 | 0.25 | 0.22 | 0.022 | 0.03 |
| | St. Deviation | 5.1 | 2.3 | 0.1 | 0.1 | 0.052 | 0.081 | 0.6 | 0 | 0.021 | 0.021 | 11 | 11 | 0.35 | 0.41 | 0.022 | 0.022 | 300 | 460 | 0.09 | 0.17 | 0.018 | 0.02 |
| | # of values | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 2 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 6 | 6 | 5 |
| | Minimum | 2.73 | 1 | 0.025 | 0.0214 | 0.155 | 0.155 | 2.54 | 3.3 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5300 | 5280 | 0.05 | 0.05 | 0.01 | 0.023 |
| | Maximum | 16 | 7 | 0.2 | 0.2 | 0.25 | 0.375 | 4 | 3.3 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2.3 | 0.05 | 0.05 | 6000 | 6500 | 0.29 | 0.5 | 0.06 | 0.07 |
| | % of values undetected | 17% | 33% | 83% | 83% | 100% | 83% | | | 100% | 100% | 83% | 83% | 50% | 50% | 100% | 100% | | | 50% | 50% | 50% | 40% |
| | # of values between MDL and PQL | 1 | | 1 | 1 | | 1 | | | | | 1 | 1 | | | | | | | 1 | | 3 | 1 |
| SP60 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 101 | 45.0 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.88 | 3.37 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 1490 | 1690 | 0.108 | 0.106 | 0.155 | 0.0952 |
| | 08/07/07 | 41 | 25 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.7 | 0.05 | 0.05 | 80 | 20 | 1.1 | 1.1 | 0.05 | 0.05 | 2800 | 3000 | 0.4 | 0.2 | 0.21 | 0.19 |
| | 09/05/07 | 27 | 13 | 0.2 | 0.2 | 0.25 | 0.25 | 3.9 | 4.7 | 0.05 | 0.05 | 20 | 20 | 1.4 | 0.5 | 0.05 | 0.05 | 2800 | 3500 | 0.05 | 0.25 | 0.08 | 0.05 |
| | 10/23/07 | 29 | 22 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.7 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.2 | 0.05 | 0.05 | 2600 | 3200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 50 | 26 | 0.15 | 0.15 | 0.23 | 0.23 | 4.3 | 4.6 | 0.041 | 0.041 | 30 | 15 | 1.1 | 1 | 0.042 | 0.042 | 2400 | 2800 | 0.2 | 0.2 | 0.12 | 0.09 |
| | Median | 40 | 24 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 4.7 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.2 | 0.05 | 0.05 | 2700 | 3100 | 0.18 | 0.23 | 0.12 | 0.07 |
| | St. Deviation | 30 | 14 | 0.1 | 0.1 | 0.05 | 0.05 | 0.6 | 1 | 0.019 | 0.019 | 35 | 10 | 0.4 | 0.3 | 0.016 | 0.016 | 600 | 800 | 0.16 | 0.07 | 0.08 | 0.07 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 27 | 13 | 0.0075 | 0.0075 | 0.155 | 0.155 | 3.88 | 3.37 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 0.5 | 0.0185 | 0.0185 | 1490 | 1690 | 0.05 | 0.106 | 0.025 | 0.025 |
| | Maximum | 101 | 45 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.7 | 0.05 | 0.05 | 80 | 20 | 1.4 | 1.25 | 0.05 | 0.05 | 2800 | 3500 | 0.4 | 0.25 | 0.21 | 0.19 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 75% | 100% | 50% | 50% | 100% | 100% | | | 50% | 50% | 25% | 25% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | | | | 2 | 2 | 2 | 2 |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP56 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/05/06 | 0.190 | 0.232 | 19.4 | 13.9 | 0.0155 | | 147 | | 0.567 | 0.504 | 0.001987 | 0.306 | 0.346 | 0.0310 | 0.127 | 70.4 | 112 | 0.155 | 0.155 | 3090 | 0.0031 | 0.0031 |
| | 05/22/07 | 0.182 | | 125 | 95.1 | 0.0155 | 0.050 | 104 | | 8.66 | 8.16 | 0.000169 | 0.0902 | 0.115 | 0.0310 | 0.243 | 94.3 | | 0.155 | 0.155 | 559 | 0.0100 | 0.0031 |
| | 08/09/07 | 0.25 | 0.7 | 50 | 20 | 0.05 | 0.05 | 100 | 100 | 2.2 | 2 | 0.000169 | 1.5 | 1.4 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 2000 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 300 | 300 | 0.6 | 0.9 | 0.000659 | 1.5 | 1.5 | 0.3 | 1.5 | 150 | 150 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | Mean | 0.22 | 0.394 | 55 | 35 | 0.033 | 0.05 | 160 | 200 | 3.01 | 2.9 | 0.000496 | 0.85 | 0.84 | 0.17 | 0.54 | 116 | 420 | 0.1 | 0.1 | 2610 | 0.016 | 0.014 |
| | Median | 0.22 | 0.25 | 38 | 17 | 0.033 | 0.05 | 130 | 200 | 1.4 | 1.5 | 0.000414 | 0.9 | 0.87 | 0.17 | 0.27 | 122 | 150 | 0.1 | 0.1 | 2550 | 0.018 | 0.014 |
| | St. Deviation | 0.04 | 0.265 | 49 | 40 | 0.02 | 0 | 90 | 140 | 3.85 | 3.6 | 0.000401 | 0.76 | 0.71 | 0.16 | 0.64 | 40 | 500 | 0.06 | 0.06 | 1790 | 0.011 | 0.013 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.182 | 0.232 | 19.4 | 10 | 0.0155 | 0.05 | 100 | 100 | 0.567 | 0.504 | 0.000169 | 0.0902 | 0.115 | 0.031 | 0.127 | 70.4 | 112 | 0.05 | 0.05 | 559 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.7 | 125 | 95.1 | 0.05 | 0.05 | 300 | 300 | 8.66 | 8.16 | 0.000987 | 1.5 | 1.5 | 0.3 | 1.5 | 150 | 1000 | 0.155 | 0.155 | 4800 | 0.025 | 0.025 |
| | % of values undetected | 50% | 33% | 25% | 25% | 100% | 100% | 25% | 50% | | | 50% | 25% | 25% | 100% | 50% | 50% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | 2 | | | 1 | 1 | 2 | 2 | 2 | 1 | 1 | | 1 | | | | | | | |
| SP57 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/04/06 | 0.288 | | 12.3 | 14.9 | 0.147 | 0.0924 | 1390 | 1550 | 0.211 | 0.138 | 0.000475 | 0.129 | 0.136 | 0.258 | 0.277 | 552 | 633 | 0.155 | 0.155 | 6820 | 0.0031 | 0.0031 |
| | 03/27/07 | 0.220 | | 3.10 | 8.75 | 0.113 | 0.050 | 1520 | | 0.389 | | 0.000169 | 0.133 | | 0.229 | | 567 | 513 | 0.155 | 0.310 | 6230 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.257 | 0.340 | 16.9 | 15.8 | 0.0155 | 0.0155 | 1360 | 1430 | 0.0794 | 0.0872 | 0.000169 | 0.118 | 0.141 | 0.100 | 0.211 | 531 | 537 | 0.155 | 0.155 | 5960 | 0.0031 | 0.0031 |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.1 | 6000 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 500 | 600 | 0.05 | 0.05 | 7200 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.25 | 1400 | 1600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 1.2 | 600 | 800 | 0.05 | 0.05 | 7300 | 0.05 | 0.05 |
| | Mean | 0.25 | 0.3 | 10 | 12 | 0.07 | 0.08 | 1410 | 1500 | 0.238 | 0.2 | 0.00061 | 0.188 | 0.205 | 0.25 | 0.7 | 600 | 700 | 0.1 | 0.14 | 6590 | 0.018 | 0.018 |
| | Median | 0.25 | 0.3 | 10 | 10 | 0.05 | 0.05 | 1400 | 1500 | 0.25 | 0.25 | 0.00017 | 0.192 | 0.25 | 0.28 | 0.3 | 600 | 600 | 0.1 | 0.13 | 6530 | 0.014 | 0.014 |
| | St. Deviation | 0.02 | 0.1 | 4 | 3 | 0.05 | 0.08 | 60 | 80 | 0.099 | 0.08 | 0.00093 | 0.068 | 0.061 | 0.08 | 0.61 | 200 | 200 | 0.06 | 0.1 | 600 | 0.019 | 0.019 |
| | # of values | 6 | 4 | 6 | 6 | 6 | 6 | 6 | 5 | 6 | 5 | 6 | 6 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| | Minimum | 0.22 | 0.25 | 3.1 | 8.75 | 0.0155 | 0.0155 | 1360 | 1400 | 0.0794 | 0.0872 | 0.000169 | 0.118 | 0.136 | 0.1 | 0.211 | 500 | 513 | 0.05 | 0.05 | 5960 | 0.0031 | 0.0031 |
| | Maximum | 0.288 | 0.5 | 16.9 | 15.8 | 0.147 | 0.25 | 1520 | 1600 | 0.389 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 1000 | 1000 | 0.155 | 0.31 | 7300 | 0.05 | 0.05 |
| | % of values undetected | 50% | 50% | 67% | 50% | 67% | 83% | | | 50% | 60% | 100% | 50% | 60% | 67% | 40% | 17% | 17% | 100% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 2 | 3 | | 1 | | | | | | | | 1 | 2 | 2 | | | 2 | | | |
| SP60 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 0.523 | 0.502 | 1130 | 221 | 0.0588 | 0.0394 | 245 | 284 | 17.7 | 8.58 | 0.00152 | 0.0145 | 0.0145 | 0.187 | 0.183 | 204 | 222 | 0.155 | 0.155 | 2940 | 0.0172 | 0.0031 |
| | 08/07/07 | 0.25 | 0.25 | 500 | 250 | 0.05 | 0.05 | 400 | 400 | 33.4 | 31.1 | 0.00111 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3400 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 230 | 160 | 0.05 | 0.05 | 400 | 500 | 11.7 | 11.3 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 400 | 500 | 0.25 | 1.2 | 0.00042 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | Mean | 0.32 | 0.31 | 500 | 160 | 0.052 | 0.047 | 360 | 420 | 15.8 | 13 | 0.00139 | 0.19 | 0.19 | 0.27 | 0.27 | 400 | 170 | 0.08 | 0.08 | 3700 | 0.023 | 0.02 |
| | Median | 0.25 | 0.25 | 400 | 190 | 0.05 | 0.05 | 400 | 450 | 14.7 | 9.9 | 0.00132 | 0.25 | 0.25 | 0.3 | 0.3 | 200 | 150 | 0.05 | 0.05 | 3900 | 0.025 | 0.025 |
| | St. Deviation | 0.14 | 0.13 | 500 | 110 | 0.004 | 0.005 | 80 | 100 | 13.8 | 12.8 | 0.00087 | 0.12 | 0.12 | 0.06 | 0.06 | 400 | 40 | 0.05 | 0.05 | 700 | 0.004 | 0.011 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.0394 | 245 | 284 | 0.25 | 1.2 | 0.00042 | 0.0145 | 0.0145 | 0.187 | 0.183 | 150 | 150 | 0.05 | 0.05 | 2940 | 0.0172 | 0.0031 |
| | Maximum | 0.523 | 0.502 | 1130 | 250 | 0.0588 | 0.05 | 400 | 500 | 33.4 | 31.1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 222 | 0.155 | 0.155 | 4300 | 0.025 | 0.025 |
| | % of values undetected | 75% | 75% | 25% | 25% | 75% | 75% | | | 25% | | 25% | 100% | 100% | 75% | 75% | 75% | 75% | 100% | 100% | | 75% | 100% |
| | # of values between MDL and PQL | | | | | 1 | 1 | 3 | 3 | | | 1 | 3 | | 1 | 1 | | | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP56 | | | | | | | | | | | |
| | 10/05/06 | 917 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.155 | |
| | 05/22/07 | 531 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/09/07 | 800 | 800 | 0.4 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/04/07 | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 960 | 1300 | 0.12 | 0.028 | 0.05 | 0.05 | 0.25 | 0.25 | 0.7 | 1 |
| | Median | 860 | 1300 | 0.03 | 0.028 | 0.05 | 0.05 | 0.2 | 0.2 | 0.8 | 1 |
| | St. Deviation | 450 | 600 | 0.19 | 0.026 | 0 | 0 | 0.18 | 0.18 | 0.4 | 0 |
| | # of values | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 |
| | Minimum | 531 | 800 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.155 | 1 |
| | Maximum | 1600 | 1700 | 0.4 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | % of values undetected | | | 75% | 100% | 100% | 100% | 100% | 75% | 100% | 100% |
| | # of values between MDL and PQL | 2 | 2 | 1 | | | | | 1 | | |
| SP57 | | | | | | | | | | | |
| | 10/04/06 | 2590 | 2980 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 0.50 | |
| | 03/27/07 | 2840 | | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 05/23/07 | 2560 | 2620 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 08/08/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | 09/07/07 | 2900 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.4 | 5 | 5 |
| | 10/24/07 | 2800 | 3200 | 0.25 | 0.25 | 0.05 | 0.25 | 0.1 | 0.1 | 5 | 5 |
| | Mean | 2750 | 2920 | 0.06 | 0.06 | 0.05 | 0.08 | 0.14 | 0.26 | 2.1 | 3.7 |
| | Median | 2800 | 2980 | 0.03 | 0.03 | 0.05 | 0.05 | 0.13 | 0.2 | 0.8 | 5 |
| | St. Deviation | 140 | 220 | 0.1 | 0.1 | 0 | 0.08 | 0.06 | 0.16 | 2.3 | 2.3 |
| | # of values | 6 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3 |
| | Minimum | 2560 | 2620 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 2900 | 3200 | 0.25 | 0.25 | 0.05 | 0.25 | 0.25 | 0.5 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 83% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | 1 | | |
| SP60 | | | | | | | | | | | |
| | 10/06/06 | 1090 | 1120 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.700 | 0.721 | 1.06 | |
| | 08/07/07 | 1300 | 1400 | 0.3 | 0.3 | 0.05 | 0.2 | 0.1 | 0.5 | 1 | 5 |
| | 09/05/07 | 1300 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/23/07 | 1200 | 1300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1200 | 1300 | 0.15 | 0.15 | 0.05 | 0.09 | 0.25 | 0.36 | 1 | 5 |
| | Median | 1300 | 1400 | 0.15 | 0.15 | 0.05 | 0.05 | 0.1 | 0.3 | 1 | 5 |
| | St. Deviation | 100 | 200 | 0.15 | 0.15 | 0 | 0.08 | 0.3 | 0.31 | 0 | 0 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 1090 | 1120 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Maximum | 1300 | 1500 | 0.3 | 0.3 | 0.05 | 0.2 | 0.7 | 0.721 | 1.06 | 5 |
| | % of values undetected | | | 75% | 75% | 100% | 75% | 75% | 75% | 75% | 67% |
| | # of values between MDL and PQL | 3 | 3 | 1 | 1 | | 1 | 1 | 1 | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP61 | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 19.0 | 44.0 | 43.8 | 0.714 | 9.75 | 0.050 | 0.0155 | 0.0435 | 0.0080 | 0.0600 | 0.733 | 0.0970 | 3.41 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 05/23/07 | 18.3 | 46.0 | 52.5 | 1.68 | 6.50 | 0.050 | | | 0.0100 | | 0.621 | 0.0330 | 2.94 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 08/07/07 | 24 | 59 | 40 | 2.5 | 1 | 0.02 | | | 0.02 | | 0.8 | 0.05 | 3.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 25 | 60 | 50 | 2.5 | 1 | 0.04 | | | 0.005 | | 0.9 | 0.05 | 4.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/23/07 | 23 | 60 | 40 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.7 | 0.05 | 3.8 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 22 | 54 | 45 | 2 | 3.9 | 0.042 | 0.0155 | 0.0435 | 0.01 | 0.06 | 0.75 | 0.056 | 3.7 | 0.004 | 0.0018 | 0.09 | 0.035 |
| | Median | 23 | 59 | 43.8 | 2.5 | 1 | 0.05 | 0.0155 | 0.0435 | 0.008 | 0.06 | 0.733 | 0.05 | 3.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 3 | 8 | 6 | 0.8 | 4.1 | 0.013 | NA | NA | 0.006 | NA | 0.11 | 0.024 | 0.5 | 0.006 | 0.001 | 0.06 | 0.014 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 18.3 | 44 | 40 | 0.714 | 1 | 0.02 | 0.0155 | 0.0435 | 0.005 | 0.06 | 0.621 | 0.033 | 2.94 | 0.00075 | 0.00075 | 0.05 | 0.025 |
| | Maximum | 25 | 60 | 52.5 | 2.5 | 9.75 | 0.05 | 0.0155 | 0.0435 | 0.02 | 0.06 | 0.9 | 0.097 | 4.3 | 0.015 | 0.0025 | 0.155 | 0.05 |
| | % of values undetected | | | | 60% | 60% | 40% | 100% | | 40% | | | 60% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 2 | 3 | | 1 | 2 | 1 | 3 | 2 | | | | | |
| SP62 | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 43.7 | 110 | 96.2 | 0.632 | 10.0 | 0.231 | 0.0155 | 0.223 | 0.0250 | 0.0900 | 0.799 | 0.169 | 30.8 | 0.00075 | 0.00075 | 0.155 | 0.050 |
| | 05/26/07 | 45.6 | 125 | 92.5 | 0.430 | 4.75 | 0.462 | | | 0.0483 | | 0.853 | 0.0900 | 35.4 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 08/02/07 | 47 | 132 | 110 | 2.5 | 1 | 0.40 | | | 0.025 | | 1.1 | 0.05 | 35.3 | 0.0025 | 0.0025 | 0.1 | 0.025 |
| | 09/07/07 | 47 | 128 | 90 | 2.5 | 1 | 0.36 | | | 0.02 | | 1.0 | 0.1 | 36.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/21/07 | 43 | 114 | 90 | 2.5 | 1 | 0.29 | | | 0.02 | | 1.0 | 0.1 | 29.5 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 45 | 122 | 100 | 1.7 | 4 | 0.35 | 0.0155 | 0.223 | 0.028 | 0.09 | 1 | 0.1 | 33.4 | 0.0018 | 0.0018 | 0.1 | 0.05 |
| | Median | 45.6 | 125 | 92.5 | 2.5 | 1 | 0.36 | 0.0155 | 0.223 | 0.025 | 0.09 | 1 | 0.1 | 35.3 | 0.0025 | 0.0025 | 0.1 | 0.025 |
| | St. Deviation | 2 | 9 | 10 | 1.1 | 4 | 0.09 | NA | NA | 0.012 | NA | 0.1 | 0.04 | 3 | 0.001 | 0.001 | 0.05 | 0.06 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 1 | 1 | 5 | 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 43 | 110 | 90 | 0.43 | 1 | 0.231 | 0.0155 | 0.223 | 0.02 | 0.09 | 0.799 | 0.05 | 29.5 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 47 | 132 | 110 | 2.5 | 10 | 0.462 | 0.0155 | 0.223 | 0.0483 | 0.09 | 1.1 | 0.169 | 36.1 | 0.0025 | 0.0025 | 0.155 | 0.15 |
| | % of values undetected | | | | 60% | 60% | | 100% | | 20% | | | 20% | | 100% | 100% | 80% | 100% |
| | # of values between MDL and PQL | | | | 1 | 1 | | | | 2 | 1 | 3 | 3 | | | | 1 | |
| SP63 | | | | | | | | | | | | | | | | | | |
| | 05/24/07 | 51.7 | 115 | 71.3 | 1.84 | 1.57 | 0.745 | | | 0.0160 | | 0.733 | 0.0610 | 0.893 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 08/02/07 | 56 | 124 | 50 | 2.5 | 1 | 0.55 | | | 0.025 | | 0.9 | 0.05 | 1.0 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/06/07 | 61 | 121 | 80 | 12 | 1 | 0.47 | | | 0.005 | | 1.0 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 55 | 122 | 70 | 2.5 | 1 | 0.49 | | | 0.02 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 56 | 121 | 68 | 5 | 1.1 | 0.56 | NA | NA | 0.017 | NA | 0.9 | 0.053 | 0.9 | 0.0021 | 0.005 | 0.08 | 0.023 |
| | Median | 56 | 122 | 71 | 3 | 1 | 0.52 | NA | NA | 0.018 | NA | 0.9 | 0.05 | 0.9 | 0.0025 | 0.003 | 0.05 | 0.025 |
| | St. Deviation | 4 | 4 | 13 | 5 | 0.3 | 0.13 | NA | NA | 0.009 | NA | 0.1 | 0.006 | 0.2 | 0.0009 | 0.007 | 0.05 | 0.005 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 51.7 | 115 | 50 | 1.84 | 1 | 0.47 | NA | NA | 0.005 | NA | 0.733 | 0.05 | 0.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 61 | 124 | 80 | 12 | 1.57 | 0.745 | NA | NA | 0.025 | NA | 1 | 0.061 | 1 | 0.0025 | 0.015 | 0.155 | 0.025 |
| | % of values undetected | | | | 50% | 100% | | | | 50% | | | 75% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 3 | 1 | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP61 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 39.0 | 25.9 | 0.0075 | 0.0154 | 0.155 | 0.155 | 1.25 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 6210 | 6520 | 0.123 | 0.159 | 0.106 | 0.0874 |
| | 05/23/07 | 23.3 | 10.3 | 0.0250 | 0.0250 | 0.155 | 0.155 | 0.979 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5860 | 6320 | 0.370 | 0.224 | 0.111 | 0.105 |
| | 08/07/07 | 22 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1.5 | 0.05 | 0.05 | 20 | 50 | 1.3 | 1.7 | 0.05 | 0.05 | 7900 | 7900 | 0.7 | 0.6 | 0.14 | 0.12 |
| | 09/05/07 | 20 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 1.1 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.1 | 0.05 | 0.05 | 7800 | 7900 | 0.05 | 0.25 | 0.11 | 0.08 |
| | 10/23/07 | 24 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.3 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 7200 | 7500 | 0.25 | 0.25 | 0.1 | 0.12 |
| | Mean | 26 | 13 | 0.13 | 0.13 | 0.21 | 0.21 | 1.2 | 1.6 | 0.035 | 0.035 | 12 | 18 | 1.3 | 1.4 | 0.035 | 0.035 | 7000 | 7200 | 0.3 | 0.3 | 0.11 | 0.1 |
| | Median | 23.3 | 10.3 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | 1.5 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.25 | 0.05 | 0.05 | 7200 | 7500 | 0.25 | 0.25 | 0.11 | 0.105 |
| | St. Deviation | 8 | 8 | 0.1 | 0.1 | 0.05 | 0.05 | 0.4 | 0.6 | 0.021 | 0.021 | 11 | 20 | 0.1 | 0.2 | 0.021 | 0.021 | 900 | 800 | 0.26 | 0.17 | 0.02 | 0.02 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 20 | 6 | 0.0075 | 0.0154 | 0.155 | 0.155 | 0.9 | 1.1 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.1 | 0.0075 | 0.0075 | 5860 | 6320 | 0.05 | 0.159 | 0.1 | 0.08 |
| | Maximum | 39 | 25.9 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.3 | 0.05 | 0.05 | 20 | 50 | 1.5 | 1.7 | 0.05 | 0.05 | 7900 | 7900 | 0.7 | 0.6 | 0.14 | 0.12 |
| | % of values undetected | | | 100% | 80% | 100% | 100% | | | 100% | 100% | 100% | 80% | 40% | 40% | 100% | 100% | | | 40% | 40% | | |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | 1 | | | | | | | 1 | 1 | 3 | 3 |
| SP62 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 38.8 | 1.00 | 0.0075 | 0.0075 | 0.155 | 0.155 | 9.25 | 9.40 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 13200 | 13600 | 0.112 | 0.265 | 0.0308 | 0.0200 |
| | 05/26/07 | 3.37 | 1.00 | 0.0075 | | 0.155 | 0.155 | 10.9 | 10.9 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 13400 | 13200 | 0.278 | 0.050 | 0.0140 | 0.0120 |
| | 08/02/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 10.8 | 12.1 | 0.05 | 0.05 | 20 | 20 | 1.8 | | 0.05 | 0.05 | 14600 | 14000 | 0.4 | | 0.025 | 0.025 |
| | 09/07/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 10.7 | 10.6 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2.1 | 0.05 | 0.05 | 14800 | 13900 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/21/07 | 2.5 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 9.9 | 10.3 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.8 | 0.05 | 0.05 | 12200 | 12900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 11 | 2.8 | 0.12 | 0.15 | 0.21 | 0.21 | 10.3 | 10.7 | 0.035 | 0.035 | 12 | 12 | 1.4 | 1.6 | 0.035 | 0.035 | 13600 | 13500 | 0.22 | 0.2 | 0.024 | 0.021 |
| | Median | 3.37 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 10.7 | 10.6 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.525 | 0.05 | 0.05 | 13400 | 13600 | 0.25 | 0.15 | 0.025 | 0.025 |
| | St. Deviation | 16 | 2.5 | 0.11 | 0.1 | 0.05 | 0.05 | 0.7 | 1 | 0.021 | 0.021 | 11 | 11 | 0.7 | 0.4 | 0.021 | 0.021 | 1100 | 500 | 0.14 | 0.1 | 0.006 | 0.006 |
| | # of values | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 |
| | Minimum | 2.5 | 1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 9.25 | 9.4 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 1.25 | 0.0075 | 0.0075 | 12200 | 12900 | 0.05 | 0.05 | 0.014 | 0.012 |
| | Maximum | 38.8 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 10.9 | 12.1 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2.1 | 0.05 | 0.05 | 14800 | 14000 | 0.4 | 0.265 | 0.0308 | 0.025 |
| | % of values undetected | 40% | 80% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 60% | 50% | 100% | 100% | | | 40% | 75% | 60% | 60% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 2 | | 1 | 1 |
| SP63 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/24/07 | 158 | 3.06 | 0.0250 | 0.0250 | 0.155 | 0.155 | 4.14 | 3.98 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.69 | 0.0075 | 0.0075 | 12400 | 12900 | 0.533 | 0.408 | 0.0966 | 0.0440 |
| | 08/02/07 | 172 | 13 | 0.2 | 0.2 | 0.6 | 0.25 | 3.9 | 4.2 | 0.05 | 0.05 | 100 | 20 | 2.4 | 2.2 | 0.05 | 0.05 | 14900 | 14000 | 0.8 | 0.9 | 0.05 | 0.025 |
| | 09/06/07 | 62 | 7 | 0.2 | 0.2 | 0.6 | 0.25 | 3.4 | 3.2 | 0.05 | 0.05 | 20 | 20 | 2.4 | 2.4 | 0.05 | 0.05 | 14200 | 15000 | 0.05 | 0.6 | 0.14 | 0.025 |
| | 10/26/07 | 7 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 4.4 | 4.5 | 0.05 | 0.05 | 20 | 20 | 2.5 | 2.3 | 0.05 | 0.05 | 14200 | 13700 | 0.25 | 0.25 | 0.06 | 0.025 |
| | Mean | 100 | 7 | 0.16 | 0.16 | 0.4 | 0.23 | 4 | 4 | 0.041 | 0.041 | 40 | 15 | 2.1 | 2.4 | 0.039 | 0.039 | 13900 | 13900 | 0.41 | 0.54 | 0.09 | 0.03 |
| | Median | 110 | 7 | 0.2 | 0.2 | 0.43 | 0.25 | 4 | 4.1 | 0.05 | 0.05 | 20 | 20 | 2.4 | 2.4 | 0.05 | 0.05 | 14200 | 13900 | 0.39 | 0.5 | 0.08 | 0.025 |
| | St. Deviation | 79 | 4 | 0.09 | 0.09 | 0.23 | 0.05 | 0.4 | 0.6 | 0.019 | 0.019 | 40 | 10 | 0.6 | 0.2 | 0.021 | 0.021 | 1100 | 900 | 0.33 | 0.28 | 0.04 | 0.01 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 7 | 3.06 | 0.025 | 0.025 | 0.155 | 0.155 | 3.4 | 3.2 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.2 | 0.0075 | 0.0075 | 12400 | 12900 | 0.05 | 0.25 | 0.05 | 0.025 |
| | Maximum | 172 | 13 | 0.2 | 0.2 | 0.6 | 0.25 | 4.4 | 4.5 | 0.05 | 0.05 | 100 | 20 | 2.5 | 2.69 | 0.05 | 0.05 | 14900 | 15000 | 0.8 | 0.9 | 0.14 | 0.044 |
| | % of values undetected | | | 100% | 100% | 50% | 100% | | | 100% | 100% | 100% | 100% | 25% | | 100% | 100% | | | 50% | 25% | | 75% |
| | # of values between MDL and PQL | | | | | 2 | | | | | | | | | 1 | | | | | | | 3 | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP61 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 0.652 | 0.607 | 85.3 | 53.9 | 0.0155 | 0.0656 | 850 | 937 | 1.17 | 0.595 | 0.00133 | 0.0414 | 0.0666 | 0.410 | 0.431 | 645 | 654 | 0.155 | 0.155 | 5230 | 0.0031 | 0.0031 |
| | 05/23/07 | 0.628 | 0.546 | 117 | 52.8 | 0.0155 | 0.118 | 881 | 1040 | 3.10 | 1.09 | 0.00104 | 0.0848 | 0.101 | 0.474 | | 947 | 987 | 0.155 | 0.155 | 5590 | 0.0031 | 0.0064 |
| | 08/07/07 | 0.8 | 0.25 | 100 | 40 | 0.05 | 0.05 | 1100 | 1100 | 3.7 | 1.4 | 0.000726 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 1000 | 0.1 | 0.2 | 5900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 50 | 30 | 0.05 | 0.05 | 1100 | 1200 | 0.7 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 900 | 1000 | 0.1 | 0.1 | 6700 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1000 | 1100 | 0.5 | 0.5 | 0.000824 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 800 | 0.25 | 0.25 | 6800 | 0.025 | 0.025 |
| | Mean | 0.52 | 0.38 | 80 | 37 | 0.036 | 0.07 | 1000 | 1100 | 1.8 | 0.8 | 0.00128 | 0.18 | 0.18 | 0.36 | 0.43 | 900 | 900 | 0.15 | 0.17 | 6000 | 0.016 | 0.017 |
| | Median | 0.628 | 0.25 | 85.3 | 40 | 0.05 | 0.05 | 1000 | 1100 | 1.17 | 0.595 | 0.00104 | 0.25 | 0.25 | 0.3 | 0.3655 | 947 | 987 | 0.155 | 0.155 | 5900 | 0.025 | 0.025 |
| | St. Deviation | 0.25 | 0.18 | 40 | 18 | 0.019 | 0.03 | 100 | 100 | 1.5 | 0.5 | 0.00072 | 0.1 | 0.09 | 0.08 | 0.19 | 100 | 200 | 0.06 | 0.06 | 700 | 0.012 | 0.011 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.25 | 0.25 | 25 | 10 | 0.0155 | 0.05 | 850 | 937 | 0.5 | 0.25 | 0.000726 | 0.0414 | 0.0666 | 0.3 | 0.3 | 645 | 654 | 0.1 | 0.1 | 5230 | 0.0031 | 0.0031 |
| | Maximum | 0.8 | 0.607 | 117 | 53.9 | 0.05 | 0.118 | 1100 | 1200 | 3.7 | 1.4 | 0.0025 | 0.25 | 0.25 | 0.474 | 0.7 | 1000 | 1000 | 0.25 | 0.25 | 6800 | 0.025 | 0.025 |
| | % of values undetected | 40% | 60% | 20% | 20% | 100% | 60% | | | | 20% | 20% | 60% | 60% | 60% | 50% | 40% | 20% | 60% | 60% | | 100% | 80% |
| | # of values between MDL and PQL | 1 | | | 2 | | 1 | | | 2 | 2 | 4 | 1 | | | 1 | 1 | 2 | 2 | 2 | | | 1 |
| SP62 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/06/06 | 0.237 | | 53.3 | 30.3 | 0.0530 | 0.0320 | 2640 | 2780 | 1.60 | 0.203 | 0.000475 | 0.155 | 0.191 | 1.61 | 1.68 | 997 | 1010 | 0.155 | 0.155 | 9950 | 0.0031 | 0.0031 |
| | 05/26/07 | 0.235 | 0.264 | 10.1 | 9.71 | 0.050 | 0.0155 | 2950 | 2990 | 0.131 | 0.109 | 0.000169 | 0.119 | 0.106 | 1.96 | 1.91 | 1020 | 1020 | 0.155 | 0.155 | 12200 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2900 | 2900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.8 | 2.2 | 1000 | 1000 | 0.2 | 0.3 | 11700 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 3000 | 2900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.5 | 1.5 | 1000 | 1300 | 0.2 | 0.2 | 11400 | 0.025 | 0.025 |
| | 10/21/07 | 0.25 | 0.7 | 10 | 10 | 0.05 | 0.05 | 2600 | 2600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.6 | 2 | 800 | 1000 | 0.25 | 0.25 | 10400 | 0.025 | 0.025 |
| | Mean | 0.24 | 0.37 | 19 | 14 | 0.051 | 0.04 | 2800 | 2800 | 0.5 | 0.21 | 0.00023 | 0.2 | 0.21 | 1.7 | 1.9 | 1000 | 1100 | 0.19 | 0.21 | 11100 | 0.016 | 0.016 |
| | Median | 0.25 | 0.257 | 10 | 10 | 0.05 | 0.05 | 2900 | 2900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.61 | 1.91 | 1000 | 1010 | 0.2 | 0.2 | 11400 | 0.025 | 0.025 |
| | St. Deviation | 0.01 | 0.22 | 19 | 9 | 0.001 | 0.016 | 200 | 200 | 0.6 | 0.06 | 0.000137 | 0.06 | 0.06 | 0.2 | 0.3 | 100 | 100 | 0.04 | 0.06 | 900 | 0.012 | 0.012 |
| | # of values | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| | Minimum | 0.235 | 0.25 | 10 | 9.71 | 0.05 | 0.0155 | 2600 | 2600 | 0.131 | 0.109 | 0.000169 | 0.119 | 0.106 | 1.5 | 1.5 | 800 | 1000 | 0.155 | 0.155 | 9950 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.7 | 53.3 | 30.3 | 0.053 | 0.05 | 3000 | 2990 | 1.6 | 0.25 | 0.0004745 | 0.25 | 0.25 | 1.96 | 2.2 | 1020 | 1300 | 0.25 | 0.3 | 12200 | 0.025 | 0.025 |
| | % of values undetected | 60% | 50% | 60% | 60% | 80% | 80% | | | 60% | 60% | 100% | 60% | 60% | 20% | 20% | 20% | 20% | 60% | 60% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | 1 | 1 | 1 | | | | | | | | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| SP63 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/24/07 | 0.216 | 0.173 | 188 | 46.9 | 0.050 | 0.050 | 5010 | 5230 | 7.76 | 0.260 | 0.000169 | 0.0996 | 0.123 | 0.425 | 0.535 | 615 | 667 | 0.155 | 0.155 | 6780 | 0.0031 | 0.0066 |
| | 08/02/07 | 0.25 | 0.25 | 210 | 10 | 0.05 | 0.05 | 5300 | 5100 | 5.3 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6700 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 90 | 20 | 0.05 | 0.05 | 5300 | 5600 | 2.5 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.3 | 800 | 600 | 0.1 | 0.05 | 7200 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | | 0.05 | 0.25 | 4900 | 5000 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1100 | 500 | 0.05 | 0.05 | 7200 | 0.025 | 0.025 |
| | Mean | 0.24 | 0.23 | 120 | 30 | 0.05 | 0.1 | 5100 | 5200 | 4 | 0.25 | 0.00133 | 0.21 | 0.22 | 0.6 | 0.36 | 900 | 700 | 0.09 | 0.08 | 7000 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 140 | 20 | 0.05 | 0.05 | 5200 | 5200 | 3.9 | 0.25 | 0.00133 | 0.25 | 0.25 | 0.4 | 0.3 | 900 | 600 | 0.08 | 0.05 | 7000 | 0.025 | 0.025 |
| | St. Deviation | 0.02 | 0.04 | 90 | 20 | 0 | 0.1 | 200 | 300 | 3.3 | 0.01 | 0.00135 | 0.08 | 0.06 | 0.6 | 0.12 | 200 | 200 | 0.05 | 0.05 | 300 | 0.011 | 0.009 |
| | # of values | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.216 | 0.173 | 10 | 10 | 0.05 | 0.05 | 4900 | 5000 | 0.25 | 0.25 | 0.000169 | 0.0996 | 0.123 | 0.3 | 0.3 | 615 | 500 | 0.05 | 0.05 | 6700 | 0.0031 | 0.0066 |
| | Maximum | 0.25 | 0.25 | 210 | 46.9 | 0.05 | 0.25 | 5300 | 5600 | 7.76 | 0.26 | 0.0025 | 0.25 | 0.25 | 1.5 | 0.535 | 1100 | 1000 | 0.155 | 0.155 | 7200 | 0.025 | 0.025 |
| | % of values undetected | 75% | 75% | 25% | 67% | 100% | 100% | | | 25% | 75% | 100% | 75% | 75% | 75% | 75% | 25% | 25% | 75% | 100% | | 100% | 75% |
| | # of values between MDL and PQL | | | | | | | | | 1 | | | | | | | 2 | 2 | 1 | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP61 | | | | | | | | | | | |
| | 10/06/06 | 1760 | 1890 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.729 | 0.250 | 0.50 | |
| | 05/23/07 | 1810 | 2000 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.39 | |
| | 08/07/07 | 2200 | 2300 | 0.05 | 0.1 | 0.05 | 0.05 | 0.3 | 0.5 | 1 | 3 |
| | 09/05/07 | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 1 |
| | 10/23/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2000 | 2100 | 0.032 | 0.04 | 0.05 | 0.05 | 0.36 | 0.32 | 1 | 1.7 |
| | Median | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.25 | 1 | 1 |
| | St. Deviation | 200 | 200 | 0.025 | 0.04 | 0 | 0 | 0.26 | 0.17 | 0.3 | 1.2 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 |
| | Minimum | 1760 | 1890 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.155 | 0.5 | 1 |
| | Maximum | 2200 | 2300 | 0.05 | 0.1 | 0.05 | 0.05 | 0.729 | 0.5 | 1.39 | 3 |
| | % of values undetected | | | 100% | 80% | 100% | 100% | 60% | 80% | 80% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | 2 | 1 | | 1 |
| SP62 | | | | | | | | | | | |
| | 10/06/06 | 3960 | 4190 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 4.97 | |
| | 05/26/07 | 4800 | 4810 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 6.32 | 5.80 |
| | 08/02/07 | 4700 | 4700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.3 | 6 | 4 |
| | 09/07/07 | 4900 | 4700 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | 10/21/07 | 4100 | 4200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 5 | 5 |
| | Mean | 4500 | 4500 | 0.07 | 0.07 | 0.05 | 0.05 | 0.14 | 0.26 | 5.5 | 5 |
| | Median | 4700 | 4700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.25 | 5 | 5 |
| | St. Deviation | 400 | 300 | 0.1 | 0.1 | 0 | 0 | 0.07 | 0.15 | 0.7 | 0.7 |
| | # of values | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| | Minimum | 3960 | 4190 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 4.97 | 4 |
| | Maximum | 4900 | 4810 | 0.25 | 0.25 | 0.05 | 0.05 | 0.25 | 0.5 | 6.32 | 5.8 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 80% | 40% | 50% |
| | # of values between MDL and PQL | | | | | | | | 1 | 1 | 1 |
| SP63 | | | | | | | | | | | |
| | 05/24/07 | 2880 | 3040 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.45 | 1.20 | 0.50 | 0.50 |
| | 08/02/07 | 3000 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 1.8 | 1.5 | 1 | 1 |
| | 09/06/07 | 3100 | 3200 | 0.25 | 0.6 | 0.05 | 0.05 | 2.1 | 1.8 | 1 | 1 |
| | 10/26/07 | 2800 | 3000 | 0.25 | 0.25 | 0.05 | 0.05 | 1.5 | 1.2 | 1 | 1 |
| | Mean | 2900 | 3100 | 0.14 | 0.23 | 0.05 | 0.05 | 1.7 | 1.4 | 0.9 | 0.9 |
| | Median | 2900 | 3000 | 0.15 | 0.15 | 0.05 | 0.05 | 1.7 | 1.4 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.13 | 0.27 | 0 | 0 | 0.3 | 0.3 | 0.3 | 0.3 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 2800 | 3000 | 0.005 | 0.005 | 0.05 | 0.05 | 1.45 | 1.2 | 0.5 | 0.5 |
| | Maximum | 3100 | 3200 | 0.25 | 0.6 | 0.05 | 0.05 | 2.1 | 1.8 | 1 | 1 |
| | % of values undetected | | | 100% | 75% | 100% | 100% | | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP64 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 33.8 | 80.0 | 60.0 | 0.158 | 4.50 | 0.309 | | | 0.0401 | | 0.756 | 0.0550 | 1.06 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/08/07 | 38 | 86 | 60 | 2.5 | 1 | 0.37 | | | 0.02 | | 0.9 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/07/07 | 38 | 84 | 40 | 2.5 | 1 | 0.39 | | | 0.01 | | 0.9 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/24/07 | 38 | 88 | 50 | 2.5 | 1 | 0.41 | | | 0.02 | | 0.8 | 0.05 | 0.7 | 0.015 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 37 | 85 | 53 | 1.9 | 1.9 | 0.37 | NA | NA | 0.023 | NA | 0.84 | 0.051 | 1 | 0.005 | 0.0021 | 0.08 | 0.023 | |
| | Median | 38 | 85 | 55 | 2.5 | 1 | 0.38 | NA | NA | 0.02 | NA | 0.85 | 0.05 | 1 | 0.003 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 2 | 3 | 10 | 1.2 | 1.8 | 0.04 | NA | NA | 0.013 | NA | 0.07 | 0.003 | 0.2 | 0.007 | 0.0009 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 33.8 | 80 | 40 | 0.158 | 1 | 0.309 | NA | NA | 0.01 | NA | 0.756 | 0.05 | 0.7 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 38 | 88 | 60 | 2.5 | 4.5 | 0.41 | NA | NA | 0.0401 | NA | 0.9 | 0.055 | 1.1 | 0.015 | 0.0025 | 0.155 | 0.025 | |
| | % of values undetected | | | | 100% | 75% | | | | | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | 1 | | | | 3 | | 3 | 1 | 3 | | | | | |
| SP65 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 53.0 | 120 | 91.3 | 0.150 | 1.57 | 0.327 | | | 0.0281 | | 0.705 | 0.0560 | 3.07 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 59 | 137 | 60 | 2.5 | 1 | 0.24 | | | 0.025 | | 0.9 | 0.05 | 3.1 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 60 | 135 | 80 | 2.5 | 1 | 0.25 | | | 0.005 | | 0.9 | 0.05 | 3.5 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 59 | 135 | 60 | 2.5 | 1 | 0.24 | | | 0.01 | | 0.8 | 0.05 | 2.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 58 | 132 | 73 | 1.9 | 1.1 | 0.26 | NA | NA | 0.017 | NA | 0.83 | 0.052 | 3.1 | 0.0021 | 0.005 | 0.08 | 0.023 | |
| | Median | 59 | 135 | 70 | 2.5 | 1 | 0.25 | NA | NA | 0.018 | NA | 0.85 | 0.05 | 3.1 | 0.0025 | 0.003 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 8 | 16 | 1.2 | 0.3 | 0.04 | NA | NA | 0.011 | NA | 0.09 | 0.003 | 0.3 | 0.0009 | 0.007 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 53 | 120 | 60 | 0.15 | 1 | 0.24 | NA | NA | 0.005 | NA | 0.705 | 0.05 | 2.7 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 60 | 137 | 91.3 | 2.5 | 1.57 | 0.327 | NA | NA | 0.0281 | NA | 0.9 | 0.056 | 3.5 | 0.0025 | 0.015 | 0.155 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | 50% | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 3 | 1 | 1 | | | | | |
| SP66 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 97.9 | 190 | 133 | 0.612 | 1.57 | 0.595 | | | 0.0272 | | 0.765 | 0.0790 | 1.80 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 110 | 221 | 130 | 2.5 | 1 | 0.73 | | | 0.025 | | 1.1 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 114 | 222 | 130 | 2.5 | 1 | 0.81 | | | 0.005 | | 0.9 | 0.05 | 1.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 112 | 214 | 120 | 2.5 | 1 | 0.59 | | | 0.005 | | 0.8 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 108 | 212 | 130 | 2 | 1.1 | 0.68 | NA | NA | 0.016 | NA | 0.9 | 0.057 | 1.6 | 0.0021 | 0.0021 | 0.08 | 0.023 | |
| | Median | 111 | 218 | 130 | 2.5 | 1 | 0.66 | NA | NA | 0.015 | NA | 0.9 | 0.05 | 1.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 7 | 15 | 10 | 0.9 | 0.3 | 0.11 | NA | NA | 0.012 | NA | 0.2 | 0.015 | 0.2 | 0.0009 | 0.0009 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 97.9 | 190 | 120 | 0.612 | 1 | 0.59 | NA | NA | 0.005 | NA | 0.765 | 0.05 | 1.3 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 114 | 222 | 133 | 2.5 | 1.57 | 0.81 | NA | NA | 0.0272 | NA | 1.1 | 0.079 | 1.8 | 0.0025 | 0.0025 | 0.155 | 0.025 | |
| | % of values undetected | | | | 75% | 100% | | | | 75% | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | 1 | | | | | | 3 | 1 | 3 | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|---------------------------------|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP64 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 1.00 | 1.00 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.87 | 4.50 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 3.30 | 0.0075 | 0.0075 | 7790 | 7960 | 0.405 | 0.281 | 0.0172 | 0.0190 |
| | 08/08/07 | 4 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 4.3 | 4.9 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.6 | 0.05 | 0.05 | 9000 | 9100 | 0.5 | 0.8 | 0.025 | 0.025 |
| | 09/07/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.9 | 4.6 | 0.05 | 0.05 | 20 | 20 | 2.6 | 2.8 | 0.05 | 0.05 | 8800 | 9100 | 0.25 | 0.6 | 0.06 | 0.025 |
| | 10/24/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | 6 | 0.05 | 0.05 | 20 | 20 | 2.6 | 2.2 | 0.05 | 0.05 | 8500 | 9100 | 0.25 | 0.6 | 0.025 | 0.025 |
| | Mean | 3.4 | 3.5 | 0.16 | 0.16 | 0.23 | 0.23 | 4.3 | 5 | 0.041 | 0.041 | 15 | 15 | 2.2 | 2.7 | 0.039 | 0.039 | 8500 | 8800 | 0.35 | 0.57 | 0.032 | 0.024 |
| | Median | 3.3 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 4.8 | 0.05 | 0.05 | 20 | 20 | 2.4 | 2.7 | 0.05 | 0.05 | 8700 | 9100 | 0.33 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 2.1 | 3.1 | 0.09 | 0.09 | 0.05 | 0.05 | 0.6 | 0.7 | 0.019 | 0.019 | 10 | 10 | 0.6 | 0.5 | 0.021 | 0.021 | 500 | 600 | 0.12 | 0.21 | 0.019 | 0.003 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 1 | 1 | 0.025 | 0.025 | 0.155 | 0.155 | 3.87 | 4.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.2 | 0.0075 | 0.0075 | 7790 | 7960 | 0.25 | 0.281 | 0.0172 | 0.019 |
| | Maximum | 6 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | 6 | 0.05 | 0.05 | 20 | 20 | 2.6 | 3.3 | 0.05 | 0.05 | 9000 | 9100 | 0.5 | 0.8 | 0.06 | 0.025 |
| | % of values undetected | 50% | 75% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 25% | | 100% | 100% | | | 50% | | 50% | 75% |
| | # of values between MDL and PQL | 1 | | | | | | | | | | | | | 1 | | | | | | | 2 | 1 |
| SP65 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 3.14 | 2.58 | 0.0250 | 0.0518 | 0.155 | 0.155 | 4.76 | 5.63 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.75 | 0.0075 | 0.0075 | 15200 | 15500 | 0.274 | 0.325 | 0.0238 | 0.0270 |
| | 08/02/07 | 9 | | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | | 0.05 | 0.05 | 20 | 20 | 2.6 | 3.6 | 0.05 | 0.05 | 17600 | 17000 | 0.6 | 0.6 | 0.025 | 0.025 |
| | 09/06/07 | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 5.3 | 5.6 | 0.05 | 0.05 | 20 | 20 | 3.8 | 3.3 | 0.05 | 0.05 | 18100 | 17400 | 0.05 | 0.05 | 0.05 | 0.025 |
| | 10/26/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 6 | 6.3 | 0.05 | 0.05 | 20 | 20 | 2.7 | 3.1 | 0.05 | 0.05 | 18100 | 17300 | 0.7 | 0.25 | 0.06 | 0.025 |
| | Mean | 5.9 | 3 | 0.16 | 0.16 | 0.23 | 0.23 | 5.3 | 5.8 | 0.041 | 0.041 | 15 | 15 | 2.6 | 3.2 | 0.039 | 0.039 | 17300 | 16800 | 0.41 | 0.31 | 0.04 | 0.026 |
| | Median | 6.1 | 3 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.6 | 0.05 | 0.05 | 20 | 20 | 2.7 | 3.2 | 0.05 | 0.05 | 17900 | 17200 | 0.44 | 0.29 | 0.038 | 0.025 |
| | St. Deviation | 3.6 | 0 | 0.09 | 0.07 | 0.05 | 0.05 | 0.5 | 0.4 | 0.019 | 0.019 | 10 | 10 | 1 | 0.4 | 0.021 | 0.021 | 1400 | 900 | 0.3 | 0.23 | 0.018 | 0.001 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 2.5 | 2.5 | 0.025 | 0.0518 | 0.155 | 0.155 | 4.76 | 5.6 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.75 | 0.0075 | 0.0075 | 15200 | 15500 | 0.05 | 0.05 | 0.0238 | 0.025 |
| | Maximum | 9 | 2.58 | 0.2 | 0.2 | 0.25 | 0.25 | 6 | 6.3 | 0.05 | 0.05 | 20 | 20 | 3.8 | 3.6 | 0.05 | 0.05 | 18100 | 17400 | 0.7 | 0.6 | 0.06 | 0.027 |
| | % of values undetected | 25% | 67% | 100% | 75% | 100% | 100% | | | 100% | 100% | 100% | 100% | 25% | | 100% | 100% | | | 25% | 50% | 25% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | 1 | | | | | | | 2 | |
| SP66 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 8.30 | 2.67 | 0.0075 | 0.0250 | 0.155 | 0.155 | 17.8 | 17.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 2.62 | 3.92 | 0.0075 | 0.0150 | 22500 | 22000 | 0.374 | 0.227 | 0.0516 | 0.0504 |
| | 08/02/07 | 9 | | 0.2 | 0.2 | 0.25 | 0.25 | 19.3 | 21 | 0.05 | 0.05 | 20 | 20 | 3.1 | | 0.05 | 0.05 | 26500 | 25800 | 0.7 | 0.6 | 0.025 | 0.08 |
| | 09/06/07 | 11 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 19.1 | 19.9 | 0.05 | 0.05 | 20 | 20 | 3.3 | 3.1 | 0.05 | 0.05 | 26300 | 26800 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 18.5 | 19.5 | 0.05 | 0.05 | 20 | 20 | 3.2 | 2.9 | 0.05 | 0.05 | 25700 | 26500 | 0.25 | 0.25 | 0.1 | 0.06 |
| | Mean | 8 | 5 | 0.15 | 0.16 | 0.23 | 0.23 | 18.7 | 19.5 | 0.041 | 0.041 | 15 | 15 | 3.1 | 3.3 | 0.039 | 0.041 | 25300 | 25300 | 0.34 | 0.33 | 0.05 | 0.054 |
| | Median | 9 | 3 | 0.2 | 0.2 | 0.25 | 0.25 | 18.8 | 19.7 | 0.05 | 0.05 | 20 | 20 | 3.2 | 3.1 | 0.05 | 0.05 | 26000 | 26200 | 0.31 | 0.25 | 0.04 | 0.055 |
| | St. Deviation | 2 | 4 | 0.1 | 0.09 | 0.05 | 0.05 | 0.7 | 1.5 | 0.019 | 0.019 | 10 | 10 | 0.3 | 0.5 | 0.021 | 0.018 | 1900 | 2200 | 0.27 | 0.18 | 0.04 | 0.023 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 5 | 2.5 | 0.0075 | 0.025 | 0.155 | 0.155 | 17.8 | 17.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 2.62 | 2.9 | 0.0075 | 0.015 | 22500 | 22000 | 0.05 | 0.227 | 0.025 | 0.025 |
| | Maximum | 11 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 19.3 | 21 | 0.05 | 0.05 | 20 | 20 | 3.3 | 3.92 | 0.05 | 0.05 | 26500 | 26800 | 0.7 | 0.6 | 0.1 | 0.08 |
| | % of values undetected | 25% | 33% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 75% | | | 50% | 50% | 50% | 25% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | 1 | | 1 | | | | | 1 | 2 |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|---------------------------------|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP64 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.050 | 0.182 | 20.8 | 21.9 | 0.050 | 0.0155 | 3490 | 3640 | 0.0526 | 0.0890 | 0.000169 | 0.173 | 0.190 | 0.201 | 0.254 | 651 | 678 | 0.155 | 0.155 | 8570 | 0.0031 | 0.0031 |
| | 08/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 3700 | 3600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.1 | 8500 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 70 | 10 | 0.05 | 0.05 | 3700 | 3700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 600 | 0.05 | 0.1 | 8600 | 0.025 | 0.025 |
| | 10/24/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 3500 | 3700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 800 | 0.05 | 0.05 | 9200 | 0.025 | 0.025 |
| | Mean | 0.2 | 0.23 | 28 | 13 | 0.05 | 0.041 | 3600 | 3700 | 0.2 | 0.21 | 0.00133 | 0.23 | 0.24 | 0.28 | 0.29 | 800 | 800 | 0.08 | 0.1 | 8700 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 15 | 10 | 0.05 | 0.05 | 3600 | 3700 | 0.25 | 0.25 | 0.00133 | 0.25 | 0.25 | 0.3 | 0.3 | 900 | 700 | 0.05 | 0.1 | 8600 | 0.025 | 0.025 |
| | St. Deviation | 0.1 | 0.03 | 29 | 6 | 0 | 0.017 | 100 | 0 | 0.1 | 0.08 | 0.00135 | 0.04 | 0.03 | 0.05 | 0.02 | 200 | 200 | 0.05 | 0.04 | 300 | 0.011 | 0.011 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.05 | 0.182 | 10 | 10 | 0.05 | 0.0155 | 3490 | 3600 | 0.0526 | 0.089 | 0.000169 | 0.173 | 0.19 | 0.201 | 0.254 | 651 | 600 | 0.05 | 0.05 | 8500 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.25 | 70 | 21.9 | 0.05 | 0.05 | 3700 | 3700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.155 | 0.155 | 9200 | 0.025 | 0.025 |
| | % of values undetected | 100% | 75% | 50% | 75% | 100% | 100% | | | 75% | 75% | 100% | 75% | 75% | 75% | 75% | 50% | 25% | 100% | 50% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | 1 | 2 | | 2 | | | |
| SP65 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.120 | 0.205 | 46.0 | 36.0 | 0.0155 | 0.050 | 3690 | 3490 | 0.0598 | | 0.000169 | 0.171 | 0.191 | 0.408 | 0.356 | 405 | 442 | 0.155 | 0.155 | 6040 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.7 | 0.25 | 10 | 10 | 0.05 | 0.3 | 3800 | 3900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.1 | 6700 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 160 | 10 | 0.05 | 0.05 | 4100 | 4000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 700 | 0.05 | 0.1 | 6900 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.6 | 25 | 10 | 0.05 | 0.25 | 3900 | 3900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.7 | 0.3 | 700 | 500 | 0.05 | 0.05 | 7000 | 0.025 | 0.025 |
| | Mean | 0.33 | 0.33 | 60 | 17 | 0.041 | 0.16 | 3900 | 3800 | 0.2 | 0.25 | 0.000169 | 0.23 | 0.24 | 0.43 | 0.31 | 700 | 450 | 0.08 | 0.1 | 6700 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 40 | 10 | 0.05 | 0.15 | 3900 | 3900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.35 | 0.3 | 600 | 470 | 0.05 | 0.1 | 6800 | 0.025 | 0.025 |
| | St. Deviation | 0.25 | 0.18 | 70 | 13 | 0.017 | 0.13 | 200 | 200 | 0.1 | 0 | 0 | 0.04 | 0.03 | 0.19 | 0.03 | 300 | 230 | 0.05 | 0.04 | 400 | 0.011 | 0.011 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.12 | 0.205 | 10 | 10 | 0.0155 | 0.05 | 3690 | 3490 | 0.0598 | 0.25 | 0.000169 | 0.171 | 0.191 | 0.3 | 0.3 | 405 | 150 | 0.05 | 0.05 | 6040 | 0.0031 | 0.0031 |
| | Maximum | 0.7 | 0.6 | 160 | 36 | 0.05 | 0.3 | 4100 | 4000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.7 | 0.356 | 1000 | 700 | 0.155 | 0.155 | 7000 | 0.025 | 0.025 |
| | % of values undetected | 50% | 50% | 50% | 75% | 100% | 75% | | | 75% | 100% | 100% | 75% | 75% | 50% | 75% | 25% | 25% | 100% | 50% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | 1 | | | | | | | | 1 | | 2 | 2 | | 2 | | | |
| SP66 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.202 | 0.275 | 78.9 | 65.4 | 0.0155 | 0.0155 | 10200 | 10200 | 4.29 | 2.57 | 0.000169 | 0.0806 | 0.102 | 0.630 | 0.657 | 708 | 741 | 0.155 | 0.155 | 7430 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 11100 | 11000 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.7 | 1000 | 1000 | 0.05 | 0.1 | 8100 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 11200 | 11500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 900 | 0.05 | 0.05 | 8500 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 10300 | 11100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1 | 0.3 | 1000 | 800 | 0.05 | 0.05 | 8900 | 0.05 | 0.025 |
| | Mean | 0.24 | 0.26 | 27 | 24 | 0.041 | 0.09 | 10700 | 11000 | 1.3 | 0.8 | 0.000169 | 0.21 | 0.21 | 0.6 | 0.49 | 900 | 900 | 0.08 | 0.09 | 8200 | 0.026 | 0.02 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 10700 | 11100 | 0.3 | 0.3 | 0.000169 | 0.25 | 0.25 | 0.5 | 0.48 | 900 | 900 | 0.05 | 0.08 | 8300 | 0.025 | 0.025 |
| | St. Deviation | 0.02 | 0.01 | 34 | 28 | 0.017 | 0.11 | 500 | 500 | 2 | 1.2 | 0 | 0.08 | 0.07 | 0.3 | 0.22 | 200 | 100 | 0.05 | 0.05 | 600 | 0.019 | 0.011 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.202 | 0.25 | 10 | 10 | 0.0155 | 0.0155 | 10200 | 10200 | 0.25 | 0.25 | 0.000169 | 0.0806 | 0.102 | 0.3 | 0.3 | 700 | 741 | 0.05 | 0.05 | 7430 | 0.0031 | 0.0031 |
| | Maximum | 0.25 | 0.275 | 78.9 | 65.4 | 0.05 | 0.25 | 11200 | 11500 | 4.29 | 2.57 | 0.000169 | 0.25 | 0.25 | 1 | 0.7 | 1000 | 1000 | 0.155 | 0.155 | 8900 | 0.05 | 0.025 |
| | % of values undetected | 75% | 75% | 75% | 75% | 100% | 100% | | | 75% | 75% | 100% | 75% | 75% | 50% | 50% | 25% | 25% | 100% | 75% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | 1 | 1 | 2 | 2 | | 1 | | | |

2004-2007 Pebble Project Seep Water Results Summary

December 2008

*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP64 | | | | | | | | | | | |
| | 05/25/07 | 2810 | 3020 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.25 | |
| | 08/08/07 | 3000 | 3000 | 0.4 | 0.4 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 2 |
| | 09/07/07 | 3000 | 3100 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.3 | 1 | 5 |
| | 10/24/07 | 2900 | 3100 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 2900 | 3100 | 0.18 | 0.23 | 0.05 | 0.05 | 0.21 | 0.26 | 1.1 | 2.7 |
| | Median | 3000 | 3100 | 0.15 | 0.25 | 0.05 | 0.05 | 0.13 | 0.23 | 1 | 2 |
| | St. Deviation | 100 | 100 | 0.18 | 0.16 | 0 | 0 | 0.19 | 0.18 | 0.1 | 2.1 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 2810 | 3000 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 3000 | 3100 | 0.4 | 0.4 | 0.05 | 0.05 | 0.5 | 0.5 | 1.25 | 5 |
| | % of values undetected | | | 75% | 75% | 100% | 100% | 100% | 75% | 75% | 67% |
| | # of values between MDL and PQL | | | 1 | 1 | | | | 1 | | 1 |
| SP65 | | | | | | | | | | | |
| | 05/25/07 | 5070 | 4760 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.34 | |
| | 08/02/07 | 5400 | 5300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.3 | 1 | 7 |
| | 09/06/07 | 5700 | 5400 | 0.7 | 0.8 | 0.05 | 0.05 | 0.3 | 0.4 | 1 | 5 |
| | 10/26/07 | 5400 | 5200 | 0.05 | 0.05 | 0.25 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 5400 | 5200 | 0.2 | 0.23 | 0.1 | 0.05 | 0.34 | 0.34 | 1.1 | 4.3 |
| | Median | 5400 | 5300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.35 | 0.35 | 1 | 5 |
| | St. Deviation | 300 | 300 | 0.33 | 0.38 | 0.1 | 0 | 0.15 | 0.15 | 0.2 | 3.1 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 5070 | 4760 | 0.005 | 0.005 | 0.05 | 0.05 | 0.155 | 0.155 | 1 | 1 |
| | Maximum | 5700 | 5400 | 0.7 | 0.8 | 0.25 | 0.05 | 0.5 | 0.5 | 1.34 | 7 |
| | % of values undetected | | | 75% | 75% | 100% | 100% | 50% | 50% | 75% | 67% |
| | # of values between MDL and PQL | | | | | | | 2 | 2 | | 1 |
| SP66 | | | | | | | | | | | |
| | 05/25/07 | 3920 | 4050 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.14 | |
| | 08/02/07 | 4400 | 4400 | 0.4 | 0.6 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/06/07 | 4300 | 4500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/27/07 | 4100 | 4400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 4200 | 4300 | 0.13 | 0.18 | 0.05 | 0.05 | 0.11 | 0.11 | 1 | 3.7 |
| | Median | 4200 | 4400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | St. Deviation | 200 | 200 | 0.18 | 0.28 | 0 | 0 | 0.03 | 0.03 | 0.1 | 2.3 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 3920 | 4050 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 4400 | 4500 | 0.4 | 0.6 | 0.05 | 0.05 | 0.155 | 0.155 | 1.14 | 5 |
| | % of values undetected | | | 75% | 75% | 100% | 100% | 100% | 100% | 75% | 100% |
| | # of values between MDL and PQL | | | 1 | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP67 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 59.9 | 130 | 92.5 | 0.1665 | 1.57 | 0.499 | | | 0.0413 | | 0.756 | 0.0490 | 1.82 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 64 | 142 | 70 | 2.5 | 1 | 0.40 | | | 0.025 | | 0.9 | 0.05 | 1.8 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 67 | 140 | 90 | 2.5 | 1 | 0.57 | | | 0.01 | | 1.0 | 0.05 | 1.9 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 63 | 137 | 80 | 2.5 | 1 | 0.43 | | | 0.02 | | 0.8 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 63 | 137 | 83 | 1.9 | 1.1 | 0.47 | NA | NA | 0.024 | NA | 0.9 | 0.05 | 1.8 | 0.0021 | 0.005 | 0.08 | 0.023 | |
| | Median | 64 | 139 | 85 | 2.5 | 1 | 0.46 | NA | NA | 0.023 | NA | 0.9 | 0.05 | 1.8 | 0.0025 | 0.003 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 5 | 10 | 1.2 | 0.3 | 0.08 | NA | NA | 0.013 | NA | 0.1 | 0.001 | 0.1 | 0.0009 | 0.007 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 59.9 | 130 | 70 | 0.1665 | 1 | 0.4 | NA | NA | 0.01 | NA | 0.756 | 0.049 | 1.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 67 | 142 | 92.5 | 2.5 | 1.57 | 0.57 | NA | NA | 0.0413 | NA | 1 | 0.05 | 1.9 | 0.0025 | 0.015 | 0.155 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | 25% | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | 2 | | 3 | 1 | 3 | | | | | |
| SP68 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 22.5 | 55.0 | 43.8 | 3.52 | 1.57 | 0.134 | | | 0.0267 | | 0.857 | 0.0410 | 0.713 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 24 | 58 | 20 | 2.5 | 1 | 0.20 | | | 0.005 | | 1.3 | 0.05 | 0.7 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/06/07 | 25 | 60 | 30 | 2.5 | 1 | 0.22 | | | 0.005 | | 1.1 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 21 | 55 | 40 | 2.5 | 1 | 0.24 | | | 0.005 | | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 23 | 57 | 33 | 2.8 | 1.1 | 0.2 | NA | NA | 0.01 | NA | 1 | 0.048 | 0.59 | 0.0021 | 0.005 | 0.08 | 0.023 | |
| | Median | 23 | 57 | 35 | 2.5 | 1 | 0.21 | NA | NA | 0.005 | NA | 1 | 0.05 | 0.7 | 0.0025 | 0.003 | 0.05 | 0.025 | |
| | St. Deviation | 2 | 2 | 11 | 0.5 | 0.3 | 0.05 | NA | NA | 0.011 | NA | 0.2 | 0.005 | 0.23 | 0.0009 | 0.007 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 21 | 55 | 20 | 2.5 | 1 | 0.134 | NA | NA | 0.005 | NA | 0.857 | 0.041 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 25 | 60 | 43.8 | 3.52 | 1.57 | 0.24 | NA | NA | 0.0267 | NA | 1.3 | 0.05 | 0.713 | 0.0025 | 0.015 | 0.155 | 0.025 | |
| | % of values undetected | | | | 75% | 100% | | | | 75% | | | 75% | 25% | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | 1 | 2 | | | | | |
| SP69 | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 77.4 | 170 | 128 | 0.1515 | 1.57 | 0.279 | | | 0.0997 | | 0.822 | 0.0780 | 12.7 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 81 | 186 | 110 | 2.5 | 1 | 1.13 | | | 0.06 | | 1.0 | 0.05 | 12.1 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/08/07 | 81 | 184 | 120 | 2.5 | 1 | 0.26 | | | 0.06 | | 1.0 | 0.05 | 12.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 87 | 185 | 140 | 2.5 | 1 | 0.28 | | | 0.05 | | 0.8 | 0.05 | 11.7 | 0.0025 | 0.0025 | 0.05 | 0.25 | |
| | Mean | 82 | 181 | 120 | 1.9 | 1.1 | 0.49 | NA | NA | 0.067 | NA | 0.9 | 0.057 | 12.2 | 0.0021 | 0.005 | 0.08 | 0.08 | |
| | Median | 81 | 185 | 120 | 2.5 | 1 | 0.28 | NA | NA | 0.06 | NA | 0.9 | 0.05 | 12.2 | 0.0025 | 0.003 | 0.05 | 0.03 | |
| | St. Deviation | 4 | 8 | 10 | 1.2 | 0.3 | 0.43 | NA | NA | 0.022 | NA | 0.1 | 0.014 | 0.4 | 0.0009 | 0.007 | 0.05 | 0.11 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 77.4 | 170 | 110 | 0.1515 | 1 | 0.26 | NA | NA | 0.05 | NA | 0.8 | 0.05 | 11.7 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 87 | 186 | 140 | 2.5 | 1.57 | 1.13 | NA | NA | 0.0997 | NA | 1 | 0.078 | 12.7 | 0.0025 | 0.015 | 0.155 | 0.25 | |
| | % of values undetected | | | | 100% | 100% | | | | | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | 1 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP67 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 5.42 | 1.00 | 0.101 | 0.0506 | 0.155 | 0.155 | 10.9 | 11.4 | 0.0125 | 0.0125 | 0.0546 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 14300 | 14300 | 0.337 | 0.240 | 0.0320 | 0.0304 |
| | 08/02/07 | 2.5 | | 0.2 | 0.2 | 0.25 | 0.25 | 10.5 | | 0.05 | 0.05 | 20 | 20 | 2 | | 0.05 | 0.05 | 16600 | 15700 | 0.5 | 0.9 | 0.025 | 0.05 |
| | 09/06/07 | 7 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 10.7 | 11.1 | 0.05 | 0.05 | 20 | 20 | 3 | 2.4 | 0.05 | 0.05 | 15800 | 16600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 2.5 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 11.1 | 10.9 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2.8 | 0.05 | 0.05 | 15900 | 15700 | 0.6 | 0.25 | 0.06 | 0.025 |
| | Mean | 4.4 | 5 | 0.18 | 0.16 | 0.23 | 0.23 | 10.8 | 11.1 | 0.041 | 0.041 | 15 | 15 | 2.1 | 2.2 | 0.039 | 0.039 | 15700 | 15600 | 0.37 | 0.41 | 0.036 | 0.033 |
| | Median | 4 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 10.8 | 11.1 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.4 | 0.05 | 0.05 | 15900 | 15700 | 0.42 | 0.25 | 0.029 | 0.028 |
| | St. Deviation | 2.2 | 4 | 0.05 | 0.07 | 0.05 | 0.05 | 0.3 | 0.3 | 0.019 | 0.019 | 10 | 10 | 0.7 | 0.8 | 0.021 | 0.021 | 1000 | 1000 | 0.24 | 0.33 | 0.017 | 0.012 |
| | # of values | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 2.5 | 1 | 0.101 | 0.0506 | 0.155 | 0.155 | 10.5 | 10.9 | 0.0125 | 0.0125 | 0.0546 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 14300 | 14300 | 0.05 | 0.24 | 0.025 | 0.025 |
| | Maximum | 7 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 11.1 | 11.4 | 0.05 | 0.05 | 20 | 20 | 3 | 2.8 | 0.05 | 0.05 | 16600 | 16600 | 0.6 | 0.9 | 0.06 | 0.05 |
| | % of values undetected | 50% | 33% | 75% | 75% | 100% | 100% | | | 100% | 100% | 75% | 100% | 25% | 33% | 100% | 100% | | | 25% | 50% | 50% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| SP68 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 107 | 2.68 | 0.0548 | 0.0250 | 0.155 | 0.155 | 5.70 | 5.42 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 6040 | 6540 | 0.500 | 0.209 | 0.0720 | 0.0178 |
| | 08/02/07 | 12 | 16 | 0.2 | 0.2 | 0.25 | 0.25 | 4.6 | 5.4 | 0.05 | 0.05 | 20 | 20 | 1.5 | | 0.05 | 0.05 | 6500 | 6700 | 0.6 | 0.6 | 0.025 | 0.025 |
| | 09/06/07 | 15 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 4.9 | 5 | 0.05 | 0.05 | 20 | 20 | 2.6 | 2.1 | 0.05 | 0.05 | 6900 | 6900 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/26/07 | 36 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 5.3 | 5.2 | 0.05 | 0.05 | 20 | 20 | 1.8 | 2.1 | 0.05 | 0.05 | 6200 | 5900 | 0.25 | 0.1 | 0.025 | 0.025 |
| | Mean | 40 | 8 | 0.16 | 0.16 | 0.23 | 0.23 | 5.1 | 5.3 | 0.041 | 0.041 | 15 | 15 | 1.8 | 1.8 | 0.039 | 0.039 | 6400 | 6500 | 0.35 | 0.24 | 0.037 | 0.023 |
| | Median | 30 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | 5.3 | 0.05 | 0.05 | 20 | 20 | 1.7 | 2.1 | 0.05 | 0.05 | 6400 | 6600 | 0.38 | 0.15 | 0.025 | 0.025 |
| | St. Deviation | 40 | 6 | 0.07 | 0.09 | 0.05 | 0.05 | 0.5 | 0.2 | 0.019 | 0.019 | 10 | 10 | 0.6 | 0.5 | 0.021 | 0.021 | 400 | 400 | 0.25 | 0.25 | 0.024 | 0.004 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 12 | 2.5 | 0.0548 | 0.025 | 0.155 | 0.155 | 4.6 | 5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 6040 | 5900 | 0.05 | 0.05 | 0.025 | 0.0178 |
| | Maximum | 107 | 16 | 0.2 | 0.2 | 0.25 | 0.25 | 5.7 | 5.42 | 0.05 | 0.05 | 20 | 20 | 2.6 | 2.1 | 0.05 | 0.05 | 6900 | 6900 | 0.6 | 0.6 | 0.072 | 0.025 |
| | % of values undetected | | 25% | 75% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 25% | 33% | 100% | 100% | | | 50% | 50% | 75% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | 1 |
| SP69 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 8.75 | 1.00 | 0.0250 | 0.0250 | 0.656 | 0.869 | 15.6 | 16.6 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 3.42 | 3.61 | 0.0075 | 0.0075 | 19400 | 20400 | 0.332 | 0.237 | 0.0348 | 0.0258 |
| | 08/02/07 | 11 | 12 | 0.2 | 0.2 | 0.8 | 1 | 15.5 | 17.5 | 0.05 | 0.05 | 20 | 20 | 3.9 | 4.8 | 0.05 | 0.05 | 22200 | 21000 | 0.6 | 0.6 | 0.025 | 0.25 |
| | 09/08/07 | 7 | 2.5 | 0.2 | 0.2 | 0.7 | 1 | 14.2 | 14.9 | 0.05 | 0.05 | 20 | 20 | 4.7 | 4.6 | 0.05 | 0.05 | 23000 | 20800 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/27/07 | 8 | 2.5 | 0.2 | 0.2 | 0.7 | 1.2 | 16.2 | 14.5 | 0.05 | 0.05 | 20 | 20 | 4.4 | 4 | 0.05 | 0.05 | 21700 | 22300 | 0.7 | 0.25 | 0.05 | 0.025 |
| | Mean | 9 | 5 | 0.16 | 0.16 | 0.71 | 1 | 15.4 | 15.9 | 0.041 | 0.041 | 15 | 15 | 4.1 | 4.3 | 0.039 | 0.039 | 21600 | 21100 | 0.42 | 0.28 | 0.034 | 0.08 |
| | Median | 8 | 3 | 0.2 | 0.2 | 0.7 | 1 | 15.6 | 15.8 | 0.05 | 0.05 | 20 | 20 | 4.2 | 4.3 | 0.05 | 0.05 | 22000 | 20900 | 0.47 | 0.24 | 0.03 | 0.03 |
| | St. Deviation | 2 | 5 | 0.09 | 0.09 | 0.06 | 0.1 | 0.8 | 1.4 | 0.019 | 0.019 | 10 | 10 | 0.6 | 0.5 | 0.021 | 0.021 | 1500 | 800 | 0.29 | 0.23 | 0.012 | 0.11 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 7 | 1 | 0.025 | 0.025 | 0.656 | 0.869 | 14.2 | 14.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 3.42 | 3.61 | 0.0075 | 0.0075 | 19400 | 20400 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 11 | 12 | 0.2 | 0.2 | 0.8 | 1.2 | 16.2 | 17.5 | 0.05 | 0.05 | 20 | 20 | 4.7 | 4.8 | 0.05 | 0.05 | 23000 | 22300 | 0.7 | 0.6 | 0.05 | 0.25 |
| | % of values undetected | | 75% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 25% | 50% | 50% | 50% |
| | # of values between MDL and PQL | | | | | 3 | | | | | | | | 1 | 1 | | | | | | | 1 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|-------------|-------------|-----------|-------------|--------------|---------------|-----------|-----------|-------------|-------------|-----------------|---------------|-------------|------------|------------|-------------|-------------|--------------|--------------|-----------|---------------|---------------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP67 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.373 | 0.235 | 54.1 | 33.8 | 0.192 | 0.0155 | 5860 | 5300 | 0.424 | 0.156 | 0.000169 | 0.0802 | 0.0896 | 0.453 | 0.364 | 1310 | 1250 | 0.155 | 0.155 | 9150 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.25 | 0.25 | 10 | | 0.05 | 0.9 | 6100 | 6000 | 0.25 | 0.8 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.1 | 10700 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 5900 | 6300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 1400 | 1400 | 0.05 | 0.05 | 9700 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 5700 | 5800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.6 | 0.3 | 1300 | 1300 | 0.05 | 0.05 | 11200 | 0.025 | 0.025 |
| | Mean | 0.28 | 0.25 | 21 | 20 | 0.09 | 0.25 | 5900 | 5900 | 0.29 | 0.36 | 0.00133 | 0.21 | 0.21 | 0.41 | 0.6 | 1300 | 1200 | 0.08 | 0.09 | 10200 | 0.02 | 0.02 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 5900 | 5900 | 0.25 | 0.25 | 0.00133 | 0.25 | 0.25 | 0.38 | 0.3 | 1300 | 1300 | 0.05 | 0.08 | 10200 | 0.025 | 0.025 |
| | St. Deviation | 0.06 | 0.01 | 22 | 10 | 0.07 | 0.43 | 200 | 400 | 0.09 | 0.29 | 0.00135 | 0.08 | 0.08 | 0.14 | 0.6 | 200 | 200 | 0.05 | 0.05 | 900 | 0.011 | 0.011 |
| | # of values | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.25 | 0.235 | 10 | 10 | 0.05 | 0.0155 | 5700 | 5300 | 0.25 | 0.156 | 0.000169 | 0.0802 | 0.0896 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 9150 | 0.0031 | 0.0031 |
| | Maximum | 0.373 | 0.25 | 54.1 | 33.8 | 0.192 | 0.9 | 6100 | 6300 | 0.424 | 0.8 | 0.0025 | 0.25 | 0.25 | 0.6 | 1.5 | 1400 | 1400 | 0.155 | 0.155 | 11200 | 0.025 | 0.025 |
| | % of values undetected | 75% | 75% | 75% | 67% | 75% | 75% | | | 75% | 50% | 100% | 75% | 75% | 50% | 75% | 25% | 25% | 100% | 75% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | 1 | | | | 1 | | 2 | 2 | | 1 | | | |
| SP68 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.326 | 0.272 | 119 | 7.24 | 0.050 | 0.050 | 1810 | 1770 | 5.46 | 0.188 | 0.000169 | 0.0250 | 0.0548 | 0.260 | 0.218 | 209 | 231 | 0.155 | 0.155 | 5570 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 1600 | 1700 | 0.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.7 | 0.9 | 1000 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 20 | 0.05 | 0.05 | 1800 | 1800 | 0.6 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 150 | 400 | 0.05 | 0.05 | 5500 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.9 | 25 | 10 | 0.05 | 0.25 | 1600 | 1500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.05 |
| | Mean | 0.27 | 0.42 | 50 | 12 | 0.05 | 0.1 | 1700 | 1700 | 1.7 | 0.23 | 0.00133 | 0.19 | 0.2 | 0.6 | 0.7 | 400 | 230 | 0.08 | 0.08 | 5600 | 0.02 | 0.026 |
| | Median | 0.25 | 0.26 | 30 | 10 | 0.05 | 0.05 | 1700 | 1700 | 0.6 | 0.25 | 0.00133 | 0.25 | 0.25 | 0.3 | 0.6 | 300 | 190 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | St. Deviation | 0.04 | 0.32 | 50 | 6 | 0 | 0.1 | 100 | 100 | 2.5 | 0.03 | 0.00135 | 0.11 | 0.1 | 0.7 | 0.6 | 400 | 120 | 0.05 | 0.05 | 0 | 0.011 | 0.019 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.25 | 0.25 | 10 | 7.24 | 0.05 | 0.05 | 1600 | 1500 | 0.25 | 0.188 | 0.000169 | 0.025 | 0.0548 | 0.26 | 0.218 | 150 | 150 | 0.05 | 0.05 | 5500 | 0.0031 | 0.0031 |
| | Maximum | 0.326 | 0.9 | 119 | 20 | 0.05 | 0.25 | 1810 | 1800 | 5.46 | 0.25 | 0.0025 | 0.25 | 0.25 | 1.7 | 1.5 | 1000 | 400 | 0.155 | 0.155 | 5600 | 0.025 | 0.05 |
| | % of values undetected | 75% | 50% | 50% | 50% | 100% | 100% | | | 25% | 75% | 100% | 100% | 75% | 50% | 50% | 50% | 50% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | 2 | | | | | 2 | | | | | 1 | 1 | 1 | 1 | | | | | |
| SP69 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/25/07 | 0.552 | 0.265 | 64.5 | 25.5 | 0.050 | 0.0155 | 7060 | 6790 | 0.491 | 0.134 | 0.000169 | 0.570 | 0.642 | 0.528 | 0.568 | 1640 | 1700 | 0.155 | 0.155 | 12400 | 0.0031 | 0.0074 |
| | 08/02/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 7200 | 7000 | 0.25 | 0.25 | 0.000169 | 0.6 | 0.7 | 0.3 | 0.6 | 1000 | 1000 | 0.2 | 0.2 | 12900 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 7600 | 7000 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 1800 | 1900 | 0.2 | 0.2 | 13200 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 6900 | 7500 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 1 | 0.3 | 2000 | 1800 | 0.25 | 0.25 | 14000 | 0.025 | 0.025 |
| | Mean | 0.33 | 0.25 | 24 | 14 | 0.05 | 0.041 | 7200 | 7100 | 0.31 | 0.22 | 0.00075 | 1 | 1.1 | 0.5 | 0.44 | 1600 | 1600 | 0.2 | 0.2 | 13100 | 0.02 | 0.021 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 7100 | 7000 | 0.25 | 0.25 | 0.00017 | 1.1 | 1.1 | 0.4 | 0.43 | 1700 | 1800 | 0.2 | 0.2 | 13100 | 0.025 | 0.025 |
| | St. Deviation | 0.15 | 0.01 | 27 | 8 | 0 | 0.017 | 300 | 300 | 0.12 | 0.06 | 0.00117 | 0.5 | 0.5 | 0.3 | 0.16 | 400 | 400 | 0.04 | 0.04 | 700 | 0.011 | 0.009 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.0155 | 6900 | 6790 | 0.25 | 0.134 | 0.000169 | 0.57 | 0.642 | 0.3 | 0.3 | 1000 | 1000 | 0.155 | 0.155 | 12400 | 0.0031 | 0.0074 |
| | Maximum | 0.552 | 0.265 | 64.5 | 25.5 | 0.05 | 0.05 | 7600 | 7500 | 0.491 | 0.25 | 0.0025 | 1.5 | 1.5 | 1 | 0.6 | 2000 | 1900 | 0.25 | 0.25 | 14000 | 0.025 | 0.025 |
| | % of values undetected | 75% | 75% | 75% | 75% | 100% | 100% | | | 75% | 75% | 100% | 50% | 50% | 50% | 50% | 25% | 25% | 50% | 50% | | 100% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP67 | | | | | | | | | | | |
| | 05/25/07 | 3680 | 3450 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 2.12 | 2.69 |
| | 08/02/07 | 3900 | 4000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 11 |
| | 09/06/07 | 3900 | 4200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.3 | 1 | 5 |
| | 10/27/07 | 3700 | 3900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 3800 | 3900 | 0.039 | 0.039 | 0.05 | 0.05 | 0.24 | 0.29 | 1.3 | 5 |
| | Median | 3800 | 4000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.18 | 0.25 | 1 | 4 |
| | St. Deviation | 100 | 300 | 0.023 | 0.023 | 0 | 0 | 0.18 | 0.15 | 0.6 | 4 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 3680 | 3450 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.155 | 1 | 1 |
| | Maximum | 3900 | 4200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 2.12 | 11 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 75% | 50% | 75% | 50% |
| | # of values between MDL and PQL | | | | | | | 1 | 2 | | |
| SP68 | | | | | | | | | | | |
| | 05/25/07 | 3130 | 3070 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.16 | |
| | 08/02/07 | 2900 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/06/07 | 3200 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/26/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 3000 | 3000 | 0.039 | 0.039 | 0.05 | 0.05 | 0.21 | 0.11 | 1 | 1 |
| | Median | 3000 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.13 | 0.1 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0.023 | 0.023 | 0 | 0 | 0.19 | 0.03 | 0.1 | 0 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 2800 | 2800 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 3200 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.155 | 1.16 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 75% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP69 | | | | | | | | | | | |
| | 05/25/07 | 5300 | 5310 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.679 | 0.795 | 1.08 | |
| | 08/02/07 | 5500 | 5500 | 0.05 | 0.1 | 0.05 | 0.05 | 1 | 0.9 | 2 | 5 |
| | 09/08/07 | 6000 | 5500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 1 | 1 | 5 |
| | 10/27/07 | 5500 | 5900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 5600 | 5600 | 0.039 | 0.05 | 0.05 | 0.05 | 0.7 | 0.8 | 1.3 | 3.7 |
| | Median | 5500 | 5500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.7 | 0.8 | 1 | 5 |
| | St. Deviation | 300 | 200 | 0.023 | 0.04 | 0 | 0 | 0.2 | 0.2 | 0.5 | 2.3 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| | Minimum | 5300 | 5310 | 0.005 | 0.005 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Maximum | 6000 | 5900 | 0.05 | 0.1 | 0.05 | 0.05 | 1 | 1 | 2 | 5 |
| | % of values undetected | | | 100% | 75% | 100% | 100% | 25% | 25% | 50% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | 2 | 2 | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SP70 | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 39.9 | 90.0 | 57.5 | 1.67 | 11.3 | 0.112 | | | 0.0224 | | 0.658 | 0.0500 | 7.11 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 50 | 114 | 50 | 2.5 | 1 | 0.12 | | | 0.025 | | 0.9 | 0.05 | 8.5 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/08/07 | 51 | 116 | 70 | 2.5 | 1 | 0.13 | | | 0.005 | | 1.3 | 0.05 | 9.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/27/07 | 50 | 114 | 80 | 2.5 | 1 | 0.14 | | | 0.005 | | 0.8 | 0.05 | 8.5 | 0.0025 | 0.0025 | 0.05 | 0.25 | |
| | Mean | 48 | 109 | 64 | 2.3 | 4 | 0.13 | NA | NA | 0.014 | NA | 0.9 | 0.05 | 8.4 | 0.0021 | 0.005 | 0.08 | 0.08 | |
| | Median | 50 | 114 | 64 | 2.5 | 1 | 0.13 | NA | NA | 0.014 | NA | 0.9 | 0.05 | 8.5 | 0.0025 | 0.003 | 0.05 | 0.03 | |
| | St. Deviation | 5 | 12 | 13 | 0.4 | 5 | 0.01 | NA | NA | 0.011 | NA | 0.3 | 0 | 0.9 | 0.0009 | 0.007 | 0.05 | 0.11 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 39.9 | 90 | 50 | 1.67 | 1 | 0.112 | NA | NA | 0.005 | NA | 0.658 | 0.05 | 7.11 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 51 | 116 | 80 | 2.5 | 11.3 | 0.14 | NA | NA | 0.025 | NA | 1.3 | 0.05 | 9.3 | 0.0025 | 0.015 | 0.155 | 0.25 | |
| | % of values undetected | | | | 75% | 75% | | | | 75% | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | 1 | | | | | | |
| SP71 | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 18.4 | 45.0 | 40.0 | 0.165 | 1.57 | 0.0615 | | | 0.0340 | | 0.670 | 0.0440 | 0.643 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/03/07 | 27 | 62 | 50 | 2.5 | 1 | 0.06 | | | 0.025 | | 0.8 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 09/06/07 | 27 | 61 | 40 | 2.5 | 1 | 0.29 | | | 0.03 | | 0.8 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 25 | 59 | 50 | 2.5 | 1 | 0.06 | | | 0.03 | | 0.7 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 24 | 57 | 45 | 1.9 | 1.1 | 0.12 | NA | NA | 0.03 | NA | 0.74 | 0.049 | 0.6 | 0.0021 | 0.0021 | 0.08 | 0.023 | |
| | Median | 26 | 60 | 45 | 2.5 | 1 | 0.06 | NA | NA | 0.03 | NA | 0.75 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | St. Deviation | 4 | 8 | 6 | 1.2 | 0.3 | 0.11 | NA | NA | 0.004 | NA | 0.07 | 0.003 | 0.3 | 0.0009 | 0.0009 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 18.4 | 45 | 40 | 0.165 | 1 | 0.06 | NA | NA | 0.025 | NA | 0.67 | 0.044 | 0.25 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 27 | 62 | 50 | 2.5 | 1.57 | 0.29 | NA | NA | 0.034 | NA | 0.8 | 0.05 | 1 | 0.0025 | 0.0025 | 0.155 | 0.025 | |
| | % of values undetected | | | | 100% | 100% | | | | 25% | | | 75% | 25% | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | | 3 | | | 2 | | 3 | 1 | 2 | | | | | |
| SP72 | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 38.3 | 90.0 | 62.5 | 64.5 | 4.00 | 0.0915 | | | 0.104 | | 0.771 | 0.0690 | 3.19 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 08/02/07 | 37 | 86 | 40 | 2.5 | 1 | 0.10 | | | 0.025 | | 0.8 | 0.05 | 3.6 | 0.0025 | 0.015 | 0.05 | 0.025 | |
| | 09/05/07 | 33 | 78 | 70 | 2.5 | 1 | 0.08 | | | 0.02 | | 1.0 | 0.05 | 3.9 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | 10/26/07 | 32 | 77 | 60 | 2.5 | 1 | 0.05 | | | 0.03 | | 0.9 | 0.05 | 2.6 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 35 | 83 | 58 | 18 | 1.8 | 0.08 | NA | NA | 0.04 | NA | 0.9 | 0.055 | 3.3 | 0.0021 | 0.005 | 0.08 | 0.023 | |
| | Median | 35 | 82 | 61 | 3 | 1 | 0.09 | NA | NA | 0.03 | NA | 0.9 | 0.05 | 3.4 | 0.0025 | 0.003 | 0.05 | 0.025 | |
| | St. Deviation | 3 | 6 | 13 | 31 | 1.5 | 0.02 | NA | NA | 0.04 | NA | 0.1 | 0.01 | 0.6 | 0.0009 | 0.007 | 0.05 | 0.005 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 0 | 0 | 4 | 0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 32 | 77 | 40 | 2.5 | 1 | 0.05 | NA | NA | 0.02 | NA | 0.771 | 0.05 | 2.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 38.3 | 90 | 70 | 64.5 | 4 | 0.1 | NA | NA | 0.104 | NA | 1 | 0.069 | 3.9 | 0.0025 | 0.015 | 0.155 | 0.025 | |
| | % of values undetected | | | | 75% | 75% | | | | 25% | | | 75% | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | | 1 | 3 | | | 2 | | 3 | 1 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP70 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 8.22 | 2.85 | 0.0250 | 0.0075 | 0.155 | 0.155 | 5.96 | 7.28 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 11400 | 0.355 | 0.309 | 0.0162 | 0.0282 |
| | 08/02/07 | 4 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 7.5 | 8 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2.6 | 0.05 | 0.05 | 13600 | 13200 | 0.7 | 0.7 | 0.025 | 0.025 |
| | 09/08/07 | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 7.4 | 7.8 | 0.05 | 0.05 | 20 | 20 | 3 | 3.1 | 0.05 | 0.05 | 13800 | 13600 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/27/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 8.9 | 7.2 | 0.05 | 0.05 | 20 | 20 | 2.4 | 2.4 | 0.05 | 0.05 | 13600 | 13300 | 0.8 | 0.25 | 0.025 | 0.025 |
| | Mean | 7 | 4.2 | 0.16 | 0.15 | 0.23 | 0.23 | 7.4 | 7.6 | 0.041 | 0.041 | 15 | 15 | 2.2 | 2.3 | 0.039 | 0.039 | 12800 | 12900 | 0.48 | 0.33 | 0.023 | 0.026 |
| | Median | 7 | 2.7 | 0.2 | 0.2 | 0.25 | 0.25 | 7.5 | 7.5 | 0.05 | 0.05 | 20 | 20 | 2.3 | 2.5 | 0.05 | 0.05 | 13600 | 13300 | 0.53 | 0.28 | 0.025 | 0.025 |
| | St. Deviation | 3 | 3.2 | 0.09 | 0.1 | 0.05 | 0.05 | 1.2 | 0.4 | 0.019 | 0.019 | 10 | 10 | 0.7 | 0.8 | 0.021 | 0.021 | 1700 | 1000 | 0.34 | 0.27 | 0.004 | 0.002 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 4 | 2.5 | 0.025 | 0.0075 | 0.155 | 0.155 | 5.96 | 7.2 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 11400 | 0.05 | 0.05 | 0.0162 | 0.025 |
| | Maximum | 10 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 8.9 | 8 | 0.05 | 0.05 | 20 | 20 | 3 | 3.1 | 0.05 | 0.05 | 13800 | 13600 | 0.8 | 0.7 | 0.025 | 0.0282 |
| | % of values undetected | | 50% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 25% | 25% | 100% | 100% | | | 25% | 50% | 75% | 75% |
| | # of values between MDL and PQL | 1 | | | | | | | | | | | | | | | | | | | | 1 | |
| SP71 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 35.2 | 13.4 | 0.0075 | | 0.155 | 0.155 | 1.71 | 1.55 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 4610 | 4550 | 0.639 | 0.499 | 0.0332 | 0.0204 |
| | 08/03/07 | 6 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | | 0.05 | 0.05 | 20 | 20 | 0.7 | 0.25 | 0.05 | 0.05 | 6800 | 6800 | 1 | 1.2 | 0.025 | 0.025 |
| | 09/06/07 | 11 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.3 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 6700 | 6700 | 0.9 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 44 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 2.8 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 6400 | 6300 | 1.1 | 1 | 0.025 | 0.025 |
| | Mean | 24 | 7 | 0.15 | 0.2 | 0.23 | 0.23 | 2 | 1.9 | 0.041 | 0.041 | 15 | 15 | 1.1 | 0.6 | 0.039 | 0.039 | 6100 | 6100 | 0.9 | 0.7 | 0.027 | 0.024 |
| | Median | 23 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 1.6 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 6600 | 6500 | 1 | 0.7 | 0.025 | 0.025 |
| | St. Deviation | 18 | 5 | 0.1 | 0 | 0.05 | 0.05 | 0.7 | 0.8 | 0.019 | 0.019 | 10 | 10 | 0.3 | 0.4 | 0.021 | 0.021 | 1000 | 1000 | 0.2 | 0.4 | 0.004 | 0.002 |
| | # of values | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 6 | 2.5 | 0.0075 | 0.2 | 0.155 | 0.155 | 1.6 | 1.3 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.7 | 0.25 | 0.0075 | 0.0075 | 4610 | 4550 | 0.639 | 0.25 | 0.025 | 0.0204 |
| | Maximum | 44 | 13.4 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 2.8 | 0.05 | 0.05 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 6800 | 6800 | 1.1 | 1.2 | 0.0332 | 0.025 |
| | % of values undetected | | 50% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 25% | 100% | 100% | 100% | | | 25% | 75% | 75% | 75% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | | | | |
| SP72 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 1290 | 4.28 | 0.0250 | 0.0250 | 0.601 | 0.155 | 19.3 | 6.59 | 0.0674 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 9180 | 2.35 | 0.100 | 0.598 | 0.100 |
| | 08/02/07 | 92 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 4.4 | 0.05 | 0.05 | 20 | 20 | 2.2 | 3.2 | 0.05 | 0.05 | 10100 | 10000 | 0.7 | 0.8 | 0.025 | 0.025 |
| | 09/05/07 | 26 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3.1 | 3.5 | 0.05 | 0.05 | 20 | 20 | 3.2 | 2.3 | 0.05 | 0.05 | 8500 | 9100 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 291 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 6.7 | 4 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.9 | 0.05 | 0.05 | 9000 | 8700 | 1 | 0.1 | 0.2 | 0.07 |
| | Mean | 420 | 5 | 0.16 | 0.16 | 0.34 | 0.23 | 8 | 4.6 | 0.054 | 0.041 | 15 | 15 | 2.1 | 2.2 | 0.039 | 0.039 | 9500 | 9000 | 1 | 0.31 | 0.21 | 0.06 |
| | Median | 190 | 3 | 0.2 | 0.2 | 0.25 | 0.25 | 5 | 4.2 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2.1 | 0.05 | 0.05 | 9600 | 9000 | 0.9 | 0.18 | 0.11 | 0.05 |
| | St. Deviation | 590 | 4 | 0.09 | 0.09 | 0.18 | 0.05 | 7 | 1.4 | 0.009 | 0.019 | 10 | 10 | 0.8 | 0.8 | 0.021 | 0.021 | 900 | 1000 | 1 | 0.33 | 0.27 | 0.04 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 26 | 2.5 | 0.025 | 0.025 | 0.25 | 0.155 | 3.1 | 3.5 | 0.05 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 8500 | 8700 | 0.05 | 0.1 | 0.025 | 0.025 |
| | Maximum | 1290 | 10 | 0.2 | 0.2 | 0.601 | 0.25 | 19.3 | 6.59 | 0.0674 | 0.05 | 20 | 20 | 3.2 | 3.2 | 0.05 | 0.05 | 10300 | 10000 | 2.35 | 0.8 | 0.598 | 0.1 |
| | % of values undetected | | 50% | 100% | 100% | 75% | 100% | | | 75% | 100% | 100% | 100% | 25% | 25% | 100% | 100% | | | 25% | 75% | 50% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | | |
|--------------------|---------------------------------|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|--------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved | |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP70 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 0.183 | 0.245 | 19.8 | 11.7 | 0.394 | 0.050 | 3420 | 3860 | 0.177 | | 0.000169 | 0.240 | 0.254 | 0.100 | | | 528 | 634 | 0.155 | 0.155 | 6750 | 0.0031 | 0.0031 |
| | 08/02/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 4100 | 4100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.1 | 0.2 | 7200 | 0.025 | 0.025 | |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 4300 | 4200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 1.5 | 1100 | 1100 | 0.1 | 0.1 | 7400 | 0.025 | 0.025 | |
| | 10/27/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 4000 | 4200 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.6 | 0.3 | 1000 | 800 | 0.05 | 0.05 | 7800 | 0.025 | 0.025 | |
| | Mean | 0.23 | 0.25 | 12 | 10 | 0.14 | 0.05 | 4000 | 4100 | 0.23 | 0.25 | 0.00075 | 0.25 | 0.25 | 0.33 | 0.7 | 900 | 900 | 0.1 | 0.13 | 7300 | 0.02 | 0.02 | |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 4100 | 4200 | 0.25 | 0.25 | 0.00017 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 900 | 0.1 | 0.13 | 7300 | 0.025 | 0.025 | |
| | St. Deviation | 0.03 | 0 | 5 | 1 | 0.17 | 0 | 400 | 200 | 0.04 | 0 | 0.00117 | 0.01 | 0 | 0.21 | 0.7 | 300 | 200 | 0.04 | 0.07 | 400 | 0.011 | 0.011 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 0.183 | 0.245 | 10 | 10 | 0.05 | 0.05 | 3420 | 3860 | 0.177 | 0.25 | 0.000169 | 0.24 | 0.25 | 0.1 | 0.3 | 528 | 634 | 0.05 | 0.05 | 6750 | 0.0031 | 0.0031 | |
| | Maximum | 0.25 | 0.25 | 19.8 | 11.7 | 0.394 | 0.05 | 4300 | 4200 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.254 | 0.6 | 1.5 | 1100 | 1100 | 0.155 | 0.2 | 7800 | 0.025 | 0.025 | |
| | % of values undetected | 75% | 75% | 75% | 75% | 75% | 100% | | | 75% | 100% | 100% | 75% | 75% | 75% | 100% | 25% | 25% | 50% | 50% | | 100% | 100% | |
| | # of values between MDL and PQL | | | 1 | 1 | | | | | | | | | | 1 | | 2 | 2 | 2 | 2 | | | | |
| SP71 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 0.165 | 0.193 | 43.7 | 13.5 | 0.0155 | 0.0155 | 1670 | 1690 | 4.25 | 1.90 | 0.000553 | 0.0810 | 0.0842 | 0.100 | 0.100 | 433 | 427 | 0.155 | 0.155 | 6420 | 0.0031 | 0.0031 | |
| | 08/03/07 | 0.25 | 0.25 | 10 | 70 | 0.05 | 0.05 | 2300 | 2400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 9200 | 0.025 | 0.025 | |
| | 09/06/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 2400 | 2400 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 300 | 0.05 | 0.05 | 9100 | 0.025 | 0.025 | |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 2100 | 2200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 700 | 0.05 | 0.05 | 8900 | 0.05 | 0.05 | |
| | Mean | 0.23 | 0.24 | 18 | 30 | 0.041 | 0.041 | 2100 | 2200 | 1.3 | 0.7 | 0.00085 | 0.21 | 0.21 | 0.25 | 0.25 | 600 | 390 | 0.08 | 0.08 | 8400 | 0.026 | 0.026 | |
| | Median | 0.25 | 0.25 | 10 | 19 | 0.05 | 0.05 | 2200 | 2300 | 0.3 | 0.3 | 0.00036 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 360 | 0.05 | 0.05 | 9000 | 0.025 | 0.025 | |
| | St. Deviation | 0.04 | 0.03 | 17 | 28 | 0.017 | 0.017 | 300 | 300 | 2 | 0.8 | 0.00112 | 0.08 | 0.08 | 0.1 | 0.1 | 300 | 230 | 0.05 | 0.05 | 1300 | 0.019 | 0.019 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 0.165 | 0.193 | 10 | 10 | 0.0155 | 0.0155 | 1670 | 1690 | 0.25 | 0.25 | 0.000169 | 0.081 | 0.0842 | 0.1 | 0.1 | 433 | 150 | 0.05 | 0.05 | 6420 | 0.0031 | 0.0031 | |
| | Maximum | 0.25 | 0.25 | 43.7 | 70 | 0.05 | 0.05 | 2400 | 2400 | 4.25 | 1.9 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 700 | 0.155 | 0.155 | 9200 | 0.05 | 0.05 | |
| | % of values undetected | 75% | 75% | 75% | 50% | 100% | 100% | | | 75% | 75% | 75% | 75% | 75% | 100% | 100% | 25% | 25% | 100% | 100% | | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | | | | | | | 1 | | | | | 2 | 2 | | | | | | |
| SP72 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/26/07 | 1.77 | 0.153 | 1320 | 47.7 | 0.532 | 0.0155 | 3080 | 2770 | 22.3 | 15.9 | 0.00357 | 0.259 | 0.257 | 1.36 | 0.323 | 712 | 603 | 0.155 | 0.155 | 9230 | 0.0031 | 0.0031 | |
| | 08/02/07 | 0.25 | 0.25 | 130 | 40 | 0.05 | 0.05 | 2800 | 2800 | 1.6 | 1.1 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.1 | 9400 | 0.025 | 0.025 | |
| | 09/05/07 | 0.25 | 0.25 | 40 | 20 | 0.05 | 0.05 | 2400 | 2600 | 0.25 | 0.25 | 0.000516 | 0.25 | 0.25 | 0.3 | 1.5 | 600 | 700 | 0.05 | 0.05 | 9700 | 0.025 | 0.025 | |
| | 10/26/07 | 0.25 | 0.5 | 660 | 10 | 0.25 | 0.25 | 2500 | 2600 | 6.7 | 0.8 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 900 | 500 | 0.05 | 0.05 | 9700 | 0.05 | 0.05 | |
| | Mean | 0.6 | 0.29 | 500 | 29 | 0.22 | 0.09 | 2700 | 2700 | 8 | 5 | 0.00111 | 0.25 | 0.25 | 0.6 | 0.6 | 800 | 700 | 0.08 | 0.09 | 9500 | 0.026 | 0.026 | |
| | Median | 0.3 | 0.25 | 400 | 30 | 0.15 | 0.05 | 2700 | 2700 | 4 | 1 | 0.00034 | 0.25 | 0.25 | 0.3 | 0.3 | 800 | 700 | 0.05 | 0.08 | 9600 | 0.025 | 0.025 | |
| | St. Deviation | 0.8 | 0.15 | 600 | 17 | 0.23 | 0.11 | 300 | 100 | 10 | 8 | 0.00165 | 0 | 0 | 0.5 | 0.6 | 200 | 200 | 0.05 | 0.05 | 200 | 0.019 | 0.019 | |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | |
| | Minimum | 0.25 | 0.153 | 40 | 10 | 0.05 | 0.0155 | 2400 | 2600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 500 | 0.05 | 0.05 | 9230 | 0.0031 | 0.0031 | |
| | Maximum | 1.77 | 0.5 | 1320 | 47.7 | 0.532 | 0.25 | 3080 | 2800 | 22.3 | 15.9 | 0.00357 | 0.259 | 0.257 | 1.36 | 1.5 | 1000 | 1000 | 0.155 | 0.155 | 9700 | 0.05 | 0.05 | |
| | % of values undetected | 75% | 50% | | 25% | 75% | 100% | | | 25% | 25% | 50% | 75% | 75% | 75% | 75% | 25% | 25% | 100% | 75% | | 100% | 100% | |
| | # of values between MDL and PQL | | 1 | 1 | 2 | | | | | 1 | 2 | 2 | | | | | 2 | 2 | | 1 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP70 | | | | | | | | | | | |
| | 05/26/07 | 2880 | 3300 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.09 | 0.50 |
| | 08/02/07 | 3200 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | 09/08/07 | 3400 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/27/07 | 3300 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 3200 | 3400 | 0.039 | 0.039 | 0.05 | 0.05 | 0.26 | 0.21 | 1 | 1.9 |
| | Median | 3300 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.23 | 0.13 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0.023 | 0.023 | 0 | 0 | 0.18 | 0.19 | 0 | 2.1 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 2880 | 3300 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 0.5 |
| | Maximum | 3400 | 3400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1.09 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 75% | 100% | 75% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | | | |
| SP71 | | | | | | | | | | | |
| | 05/26/07 | 1750 | 1760 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.816 | 0.774 | 1.36 | 1.01 |
| | 08/03/07 | 2500 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1 | 0.9 | 1 | 1 |
| | 09/06/07 | 2500 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.9 | 1.1 | 1 | 1 |
| | 10/26/07 | 2500 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 1.3 | 0.5 | 1 | 1 |
| | Mean | 2300 | 2300 | 0.039 | 0.039 | 0.05 | 0.05 | 1 | 0.8 | 1.1 | 1 |
| | Median | 2500 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 1 | 0.8 | 1 | 1 |
| | St. Deviation | 400 | 400 | 0.023 | 0.023 | 0 | 0 | 0.2 | 0.3 | 0.2 | 0 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 1750 | 1760 | 0.005 | 0.005 | 0.05 | 0.05 | 0.816 | 0.5 | 1 | 1 |
| | Maximum | 2500 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 1.3 | 1.1 | 1.36 | 1.01 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | 25% | 75% | 75% |
| | # of values between MDL and PQL | | | | | | | 2 | 2 | | |
| SP72 | | | | | | | | | | | |
| | 05/26/07 | 3500 | 3220 | 0.0050 | 0.0050 | 0.050 | 0.050 | 5.37 | 0.757 | 4.00 | 0.50 |
| | 08/02/07 | 3400 | 3400 | 0.05 | 0.2 | 0.05 | 0.05 | 0.9 | 0.4 | 1 | 1 |
| | 09/05/07 | 3400 | 3700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.3 | 5 | 5 |
| | 10/26/07 | 3300 | 3400 | 0.05 | 0.6 | 0.05 | 0.05 | 0.5 | 0.1 | 5 | 1 |
| | Mean | 3400 | 3400 | 0.039 | 0.21 | 0.05 | 0.05 | 1.8 | 0.39 | 3.8 | 1.9 |
| | Median | 3400 | 3400 | 0.05 | 0.13 | 0.05 | 0.05 | 0.7 | 0.35 | 4.5 | 1 |
| | St. Deviation | 100 | 200 | 0.023 | 0.27 | 0 | 0 | 2.4 | 0.28 | 1.9 | 2.1 |
| | # of values | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| | Minimum | 3300 | 3220 | 0.005 | 0.005 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 0.5 |
| | Maximum | 3500 | 3700 | 0.05 | 0.6 | 0.05 | 0.05 | 5.37 | 0.757 | 5 | 5 |
| | % of values undetected | | | 100% | 50% | 100% | 100% | 25% | 25% | 75% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | 2 | 3 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP73 | | | | | | | | | | | | | | | | | | |
| | 05/27/07 | 31.1 | 80.0 | 47.5 | 0.1745 | 3.25 | 0.753 | | | 0.00155 | | 0.749 | 0.0470 | 10.2 | 0.00075 | 0.064 | 0.155 | 0.0155 |
| | 09/06/07 | 44 | 107 | 50 | 2.5 | 1 | 0.56 | | | 0.005 | | 1.0 | 0.05 | 19.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 32 | 77 | 50 | 2.5 | 1 | 0.66 | | | 0.01 | | 0.8 | 0.05 | 8.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 36 | 90 | 49 | 1.7 | 1.8 | 0.66 | NA | NA | 0.006 | NA | 0.8 | 0.049 | 12.6 | 0.0019 | 0.023 | 0.09 | 0.022 |
| | Median | 32 | 80 | 50 | 2.5 | 1 | 0.66 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 10.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 7 | 20 | 1 | 1.3 | 1.3 | 0.1 | NA | NA | 0.004 | NA | 0.1 | 0.002 | 6 | 0.001 | 0.036 | 0.06 | 0.005 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 31.1 | 77 | 47.5 | 0.1745 | 1 | 0.56 | NA | NA | 0.00155 | NA | 0.749 | 0.047 | 8.2 | 0.00075 | 0.0025 | 0.05 | 0.0155 |
| | Maximum | 44 | 107 | 50 | 2.5 | 3.25 | 0.753 | NA | NA | 0.01 | NA | 1 | 0.05 | 19.5 | 0.0025 | 0.064 | 0.155 | 0.025 |
| | % of values undetected | | | | 100% | 67% | | | | 67% | | | 67% | | 100% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | 1 | | 2 | 1 | | | | | |
| SP74 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 12 | 36 | 20 | 12 | 1 | 0.14 | | | 0.005 | | 1.1 | 0.05 | 0.8 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/08/07 | 14 | 39 | 30 | 2.5 | 1 | 0.11 | | | 0.005 | | 1.0 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 13 | 36 | 40 | 2.5 | 1 | 0.06 | | | 0.005 | | 1.4 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 13 | 37 | 30 | 6 | 1 | 0.1 | NA | NA | 0.005 | NA | 1.2 | 0.05 | 0.7 | 0.0025 | 0.007 | 0.05 | 0.025 |
| | Median | 13 | 36 | 30 | 2.5 | 1 | 0.11 | NA | NA | 0.005 | NA | 1.1 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 10 | 5 | 0 | 0.04 | NA | NA | 0 | NA | 0.2 | 0 | 0.4 | 0 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 36 | 20 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 1 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 14 | 39 | 40 | 12 | 1 | 0.14 | NA | NA | 0.005 | NA | 1.4 | 0.05 | 1.1 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 100% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 1 | | | | 3 | | 2 | | | | | |
| SP75 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 13 | 30 | 10 | 6 | 1 | 0.02 | | | 0.03 | | 0.8 | 0.05 | 0.8 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/06/07 | 13 | 27 | 40 | 2.5 | 1 | 0.01 | | | 0.005 | | 1.0 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/27/07 | 14 | 30 | 40 | 2.5 | 1 | 0.01 | | | 0.005 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 13 | 29 | 30 | 3.7 | 1 | 0.013 | NA | NA | 0.013 | NA | 0.9 | 0.05 | 0.77 | 0.0025 | 0.007 | 0.05 | 0.025 |
| | Median | 13 | 30 | 40 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 17 | 2 | 0 | 0.006 | NA | NA | 0.014 | NA | 0.1 | 0 | 0.15 | 0 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 13 | 27 | 10 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 14 | 30 | 40 | 6 | 1 | 0.02 | NA | NA | 0.03 | NA | 1 | 0.05 | 0.9 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | 67% | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 1 | | 1 | | | 1 | | 3 | | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP73 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/27/07 | 10.6 | 8.85 | 0.0250 | 0.0250 | 0.155 | 0.155 | 3.58 | 3.56 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 9400 | 0.218 | 0.265 | 0.0162 | 0.0170 |
| | 09/06/07 | 45 | 13 | 0.2 | 0.2 | 0.25 | 0.25 | 4.9 | 5.4 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.9 | 0.05 | 0.05 | 15800 | 14600 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/26/07 | 181 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.05 | 0.05 | 10900 | 10800 | 0.25 | 0.25 | 0.09 | 0.025 |
| | Mean | 79 | 10 | 0.14 | 0.14 | 0.22 | 0.22 | 4.6 | 4.7 | 0.038 | 0.038 | 13 | 13 | 1.6 | 1.5 | 0.036 | 0.036 | 12300 | 11600 | 0.17 | 0.19 | 0.044 | 0.022 |
| | Median | 45 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 4.9 | 5.2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.05 | 0.05 | 10900 | 10800 | 0.218 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 90 | 2 | 0.1 | 0.1 | 0.05 | 0.05 | 0.9 | 1 | 0.022 | 0.022 | 12 | 12 | 0.5 | 0.3 | 0.025 | 0.025 | 3000 | 2700 | 0.11 | 0.12 | 0.04 | 0.005 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 10.6 | 8.85 | 0.025 | 0.025 | 0.155 | 0.155 | 3.58 | 3.56 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 10300 | 9400 | 0.05 | 0.05 | 0.0162 | 0.017 |
| | Maximum | 181 | 13 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.4 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.9 | 0.05 | 0.05 | 15800 | 14600 | 0.25 | 0.265 | 0.09 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 67% | 67% | 33% | 67% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| SP74 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 145 | 46 | 0.2 | 0.2 | 0.25 | 0.25 | 5.9 | 5.9 | 0.05 | 0.05 | 20 | 20 | 2.3 | 3.3 | 0.05 | 0.05 | 3800 | 4000 | 0.7 | 0.05 | 0.025 | 0.025 |
| | 09/08/07 | 442 | 49 | 0.2 | 0.2 | 0.25 | 0.25 | 9.3 | 5.9 | 0.05 | 0.05 | 20 | 20 | 3.7 | 3.4 | 0.05 | 0.05 | 4500 | 4600 | 0.05 | 0.05 | 0.15 | 0.025 |
| | 10/26/07 | 75 | 46 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | | 0.05 | 0.05 | 20 | 20 | 3.4 | 3.6 | 0.05 | 0.05 | 3900 | 4300 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 221 | 47 | 0.2 | 0.2 | 0.25 | 0.25 | 6.8 | 5.9 | 0.05 | 0.05 | 20 | 20 | 3.1 | 3.4 | 0.05 | 0.05 | 4100 | 4300 | 0.33 | 0.12 | 0.07 | 0.025 |
| | Median | 145 | 46 | 0.2 | 0.2 | 0.25 | 0.25 | 5.9 | 5.9 | 0.05 | 0.05 | 20 | 20 | 3.4 | 3.4 | 0.05 | 0.05 | 3900 | 4300 | 0.25 | 0.05 | 0.025 | 0.025 |
| | St. Deviation | 195 | 2 | 0 | 0 | 0 | 0 | 2.2 | 0 | 0 | 0 | 0 | 0 | 0.7 | 0.2 | 0 | 0 | 400 | 300 | 0.33 | 0.12 | 0.07 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 75 | 46 | 0.2 | 0.2 | 0.25 | 0.25 | 5.1 | 5.9 | 0.05 | 0.05 | 20 | 20 | 2.3 | 3.3 | 0.05 | 0.05 | 3800 | 4000 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 442 | 49 | 0.2 | 0.2 | 0.25 | 0.25 | 9.3 | 5.9 | 0.05 | 0.05 | 20 | 20 | 3.7 | 3.6 | 0.05 | 0.05 | 4500 | 4600 | 0.7 | 0.25 | 0.15 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 100% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | 1 | |
| SP75 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 19 | 16 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 2.1 | 0.05 | 0.05 | 20 | 20 | 1 | | 0.05 | 0.05 | 4200 | 4300 | 0.4 | 0.05 | 0.025 | 0.025 |
| | 09/06/07 | 12 | 9 | 0.2 | 0.2 | 0.6 | 0.25 | 1.3 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.4 | 0.05 | 0.05 | 3700 | 4200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 9 | 2.5 | 0.2 | 0.2 | 0.5 | 0.25 | 2.6 | 2 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 4100 | 4700 | 1.3 | 0.25 | 0.025 | 0.025 |
| | Mean | 13 | 9 | 0.2 | 0.2 | 0.45 | 0.25 | 1.9 | 1.9 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.5 | 0.05 | 0.05 | 4000 | 4400 | 0.6 | 0.18 | 0.025 | 0.025 |
| | Median | 12 | 9 | 0.2 | 0.2 | 0.5 | 0.25 | 1.7 | 2 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.45 | 0.05 | 0.05 | 4100 | 4300 | 0.4 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 5 | 7 | 0 | 0 | 0.18 | 0 | 0.7 | 0.2 | 0 | 0 | 0 | 0 | 0.3 | 0.1 | 0 | 0 | 300 | 300 | 0.6 | 0.12 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1 | 1.4 | 0.05 | 0.05 | 3700 | 4200 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 19 | 16 | 0.2 | 0.2 | 0.6 | 0.25 | 2.6 | 2.1 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 4200 | 4700 | 1.3 | 0.25 | 0.025 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 33% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 2 | | | | | | | | | | | | | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP73 | | | | | | | | | | | | | | | | | | | | | | | |
| | 05/27/07 | 0.118 | | 20.2 | 17.3 | 0.0155 | 0.0155 | 1330 | 1240 | 0.193 | 0.167 | 0.0025 | 0.513 | 0.430 | 0.100 | 0.100 | 253 | 250 | 0.155 | 0.155 | 3580 | 0.0031 | 0.0076 |
| | 09/06/07 | 0.25 | 0.25 | 50 | 10 | 0.05 | 0.05 | 2000 | 1900 | 2.4 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.4 | 0.4 | 3900 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 140 | 10 | 0.05 | 0.25 | 1200 | 1300 | 5.6 | 0.25 | 0.000607 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 3900 | 0.025 | 0.025 |
| | Mean | 0.21 | 0.25 | 70 | 12 | 0.039 | 0.11 | 1500 | 1500 | 2.7 | 0.22 | 0.0019 | 1.2 | 1.1 | 0.23 | 0.23 | 180 | 180 | 0.27 | 0.27 | 3800 | 0.018 | 0.019 |
| | Median | 0.25 | 0.25 | 50 | 10 | 0.05 | 0.05 | 1330 | 1300 | 2.4 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 3900 | 0.025 | 0.025 |
| | St. Deviation | 0.08 | 0 | 60 | 4 | 0.02 | 0.13 | 400 | 400 | 2.7 | 0.05 | 0.0011 | 0.6 | 0.6 | 0.12 | 0.12 | 60 | 60 | 0.12 | 0.12 | 200 | 0.013 | 0.01 |
| | # of values | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.118 | 0.25 | 20.2 | 10 | 0.0155 | 0.0155 | 1200 | 1240 | 0.193 | 0.167 | 0.000607 | 0.513 | 0.43 | 0.1 | 0.1 | 150 | 150 | 0.155 | 0.155 | 3580 | 0.0031 | 0.0076 |
| | Maximum | 0.25 | 0.25 | 140 | 17.3 | 0.05 | 0.25 | 2000 | 1900 | 5.6 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 253 | 250 | 0.4 | 0.4 | 3900 | 0.025 | 0.025 |
| | % of values undetected | 67% | 100% | | 67% | 100% | 100% | | | | 67% | 67% | 67% | 67% | 100% | 100% | 67% | 67% | 67% | 67% | | 100% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 1 | | | | | | | 1 | 1 | | | 1 |
| SP74 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.7 | 130 | 10 | 0.05 | 0.05 | 400 | 600 | 1.4 | 0.8 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 250 | 10 | 0.25 | 0.05 | 600 | 700 | 6.7 | 3.4 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 400 | 600 | 0.9 | 1 | 0.00105 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5100 | 0.05 | 0.05 |
| | Mean | 0.25 | 0.4 | 130 | 10 | 0.12 | 0.12 | 470 | 630 | 3 | 1.7 | 0.002 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 230 | 0.05 | 0.05 | 5000 | 0.033 | 0.033 |
| | Median | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 400 | 600 | 1.4 | 1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.26 | 120 | 0 | 0.12 | 0.12 | 120 | 60 | 3.2 | 1.4 | 0.0008 | 0 | 0 | 0 | 0 | 0 | 140 | 0 | 0 | 200 | 0.014 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 600 | 0.9 | 0.8 | 0.00105 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.7 | 250 | 10 | 0.25 | 0.25 | 600 | 700 | 6.7 | 3.4 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5100 | 0.05 | 0.05 |
| | % of values undetected | 100% | 67% | 33% | 100% | 100% | 100% | | | | | 67% | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | 3 | 3 | 2 | 2 | 1 | | | | | 1 | | | | | | |
| SP75 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.25 | 90 | 25 | 0.05 | 0.05 | 300 | 500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | 09/06/07 | 0.7 | 0.25 | 25 | 20 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 40 | 10 | 0.05 | 0.05 | 300 | 500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 300 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | Mean | 0.4 | 0.25 | 52 | 18 | 0.05 | 0.05 | 330 | 500 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 230 | 500 | 0.05 | 0.05 | 4200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 40 | 20 | 0.05 | 0.05 | 300 | 500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | St. Deviation | 0.26 | 0 | 34 | 8 | 0 | 0 | 60 | 0 | 0 | 0 | 0.00135 | 0 | 0 | 0 | 0 | 140 | 500 | 0 | 0 | 500 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 300 | 500 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3600 | 0.025 | 0.025 |
| | Maximum | 0.7 | 0.25 | 90 | 25 | 0.05 | 0.05 | 400 | 500 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 1000 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | % of values undetected | 67% | 100% | 33% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | | | | 3 | 3 | | | | | | | | 1 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP73 | | | | | | | | | | | |
| | 05/27/07 | 2110 | 1960 | 0.0050 | 0.0100 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | 1.75 |
| | 09/06/07 | 2800 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2300 | 2300 | 0.035 | 0.037 | 0.05 | 0.05 | 0.25 | 0.25 | 0.8 | 2.6 |
| | Median | 2110 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.155 | 1 | 1.75 |
| | St. Deviation | 400 | 400 | 0.026 | 0.023 | 0 | 0 | 0.22 | 0.22 | 0.3 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 1960 | 0.005 | 0.01 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 1 |
| | Maximum | 2800 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | | | | |
| SP74 | | | | | | | | | | | |
| | 08/03/07 | 2500 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 3 |
| | 09/08/07 | 2900 | 2900 | 0.7 | 0.6 | 0.05 | 0.05 | 0.4 | 0.1 | 5 | 5 |
| | 10/26/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 2700 | 2800 | 0.27 | 0.23 | 0.05 | 0.05 | 0.4 | 0.1 | 2.3 | 3 |
| | Median | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.4 | 0.1 | 1 | 3 |
| | St. Deviation | 200 | 100 | 0.38 | 0.32 | 0 | 0 | 0.1 | 0 | 2.3 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2500 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | Maximum | 2900 | 2900 | 0.7 | 0.6 | 0.05 | 0.05 | 0.5 | 0.1 | 5 | 5 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 33% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | 2 | | | 1 |
| SP75 | | | | | | | | | | | |
| | 08/03/07 | 1200 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.2 | 1 | 1 |
| | 09/06/07 | 1200 | 1300 | 0.6 | 0.7 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 1 |
| | 10/27/07 | 1200 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 1200 | 1300 | 0.23 | 0.27 | 0.05 | 0.05 | 0.43 | 0.2 | 1 | 1 |
| | Median | 1200 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | St. Deviation | 0 | 0 | 0.32 | 0.38 | 0 | 0 | 0.12 | 0.1 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1200 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | Maximum | 1200 | 1300 | 0.6 | 0.7 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 1 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | 2 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP76 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 23 | 51 | 30 | 2.5 | 1 | 0.08 | | | 0.025 | | 1.0 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/06/07 | 26 | 52 | 50 | 2.5 | 1 | 0.08 | | | 0.005 | | 1.0 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 24 | 52 | 40 | 2.5 | 1 | 0.07 | | | 0.005 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.25 |
| | Mean | 24 | 52 | 40 | 2.5 | 1 | 0.077 | NA | NA | 0.012 | NA | 1 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.1 |
| | Median | 24 | 52 | 40 | 2.5 | 1 | 0.08 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 1 | 10 | 0 | 0 | 0.006 | NA | NA | 0.012 | NA | 0.1 | 0 | 0.4 | 0 | 0 | 0 | 0.13 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 23 | 51 | 30 | 2.5 | 1 | 0.07 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 26 | 52 | 50 | 2.5 | 1 | 0.08 | NA | NA | 0.025 | NA | 1 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.25 |
| | % of values undetected | | | | 100% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 3 | | | | | 3 | | 3 | | | | |
| SP77 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 12 | 29 | 20 | 2.5 | 1 | 0.06 | | | 0.025 | | 1.0 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 12 | 29 | 20 | 2.5 | 1 | 0.07 | | | 0.005 | | 1.1 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 13 | 30 | 30 | 8 | 1 | 0.06 | | | 0.005 | | 0.9 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 12 | 29 | 23 | 4.3 | 1 | 0.063 | NA | NA | 0.012 | NA | 1 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 12 | 29 | 20 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 6 | 3.2 | 0 | 0.006 | NA | NA | 0.012 | NA | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 29 | 20 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 13 | 30 | 30 | 8 | 1 | 0.07 | NA | NA | 0.025 | NA | 1.1 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 3 | | | | | 3 | | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP76 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 14 | 12 | 0.2 | 0.2 | 0.9 | 0.9 | 2.1 | | 0.05 | 0.05 | 20 | 20 | 1.7 | 2.4 | 0.05 | 0.05 | 7700 | 7700 | 0.7 | 0.8 | 0.025 | 0.025 |
| | 09/06/07 | 18 | 6 | 0.2 | 0.2 | 1.3 | 1.1 | 2 | | 0.05 | 0.05 | 20 | 20 | 2 | 1.7 | 0.05 | 0.05 | 7900 | 8800 | 0.05 | 0.6 | 0.08 | 0.025 |
| | 10/25/07 | 9 | 2.5 | 0.2 | 0.2 | 0.9 | 0.8 | 3.4 | | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.2 | 0.05 | 0.05 | 8700 | 8400 | 0.8 | 0.25 | 0.025 | 0.025 |
| | Mean | 14 | 7 | 0.2 | 0.2 | 1 | 0.9 | 2.5 | NA | 0.05 | 0.05 | 20 | 20 | 2 | 2.1 | 0.05 | 0.05 | 8100 | 8300 | 0.52 | 0.55 | 0.043 | 0.025 |
| | Median | 14 | 6 | 0.2 | 0.2 | 0.9 | 0.9 | 2.1 | NA | 0.05 | 0.05 | 20 | 20 | 2 | 2.2 | 0.05 | 0.05 | 7900 | 8400 | 0.7 | 0.6 | 0.025 | 0.025 |
| | St. Deviation | 5 | 5 | 0 | 0 | 0.2 | 0.2 | 0.8 | NA | 0 | 0 | 0 | 0 | 0.3 | 0.4 | 0 | 0 | 500 | 600 | 0.41 | 0.28 | 0.032 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 9 | 2.5 | 0.2 | 0.2 | 0.9 | 0.8 | 2 | NA | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.7 | 0.05 | 0.05 | 7700 | 7700 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 18 | 12 | 0.2 | 0.2 | 1.3 | 1.1 | 3.4 | NA | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.4 | 0.05 | 0.05 | 8700 | 8800 | 0.8 | 0.8 | 0.08 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 33% | 67% | 100% |
| | # of values between MDL and PQL | | | | | 2 | 2 | | | | | | | | | | | | | | | 1 | |
| SP77 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 10 | 13 | 0.2 | 0.2 | 0.6 | 0.25 | 1.6 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 2.2 | 0.05 | 0.05 | 3500 | 3800 | 0.5 | 0.4 | 0.025 | 0.025 |
| | 09/08/07 | 20 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | | 0.05 | 0.05 | 20 | 20 | 2.4 | 1.8 | 0.05 | 0.05 | 3900 | 4000 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/25/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.6 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 3600 | 4300 | 0.05 | 0.6 | 0.025 | 0.025 |
| | Mean | 12 | 7 | 0.2 | 0.2 | 0.37 | 0.25 | 1.9 | NA | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.9 | 0.05 | 0.05 | 3700 | 4000 | 0.2 | 0.35 | 0.025 | 0.025 |
| | Median | 10 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | NA | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.8 | 0.05 | 0.05 | 3600 | 4000 | 0.05 | 0.4 | 0.025 | 0.025 |
| | St. Deviation | 7 | 5 | 0 | 0 | 0.2 | 0 | 0.6 | NA | 0 | 0 | 0 | 0 | 0.6 | 0.3 | 0 | 0 | 200 | 300 | 0.26 | 0.28 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.5 | NA | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.7 | 0.05 | 0.05 | 3500 | 3800 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 20 | 13 | 0.2 | 0.2 | 0.6 | 0.25 | 2.6 | NA | 0.05 | 0.05 | 20 | 20 | 2.4 | 2.2 | 0.05 | 0.05 | 3900 | 4300 | 0.5 | 0.6 | 0.025 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | | | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP76 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 20 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 150 | 150 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000893 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 400 | 0.05 | 0.05 | 4700 | 0.15 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 13 | 0.05 | 0.05 | 770 | 830 | 0.25 | 0.25 | 0.00119 | 0.25 | 0.25 | 0.3 | 0.7 | 600 | 230 | 0.05 | 0.05 | 4600 | 0.07 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000893 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 150 | 0.05 | 0.05 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 6 | 0 | 0 | 60 | 60 | 0 | 0 | 0.00119 | 0 | 0 | 0 | 0.7 | 400 | 140 | 0 | 0 | 300 | 0.07 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 20 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 1.5 | 1000 | 400 | 0.05 | 0.05 | 4800 | 0.15 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 67% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | | | 1 | | | | | 1 | 1 | | | | | |
| SP77 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.25 | 10 | 70 | 0.05 | 0.05 | 400 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4200 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.05 | 4400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 30 | 0.05 | 0.05 | 470 | 600 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.12 | 0.05 | 4200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4200 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 35 | 0 | 0 | 60 | 0 | 0 | 0 | 0.00135 | 0 | 0 | 0 | 0 | 500 | 0 | 0.12 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 70 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.25 | 0.05 | 4400 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 67% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | | | | | | | | | | | | | | |

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| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP76 | | | | | | | | | | | |
| | 08/03/07 | 1500 | 1600 | 0.05 | 0.05 | 0.5 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | 09/06/07 | 1600 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 1 |
| | 10/25/07 | 1700 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1600 | 1700 | 0.12 | 0.12 | 0.2 | 0.05 | 0.3 | 0.27 | 1 | 1 |
| | Median | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.2 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0.26 | 0 | 0.2 | 0.21 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1700 | 1800 | 0.25 | 0.25 | 0.5 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | % of values undetected | | | 100% | 100% | 67% | 100% | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | 1 | | |
| SP77 | | | | | | | | | | | |
| | 08/03/07 | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | 09/08/07 | 1500 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 1 |
| | 10/25/07 | 1300 | 1500 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1400 | 1500 | 0.05 | 0.12 | 0.05 | 0.05 | 0.17 | 0.1 | 2.3 | 1 |
| | Median | 1400 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 0 | 0 | 0.12 | 0 | 0 | 0.12 | 0 | 2.3 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1300 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1500 | 1500 | 0.05 | 0.25 | 0.05 | 0.05 | 0.3 | 0.1 | 5 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP78 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 27 | 61 | 30 | 18 | 1 | 0.08 | | | 0.02 | | 1.0 | 0.05 | 1.6 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/06/07 | 29 | 59 | 50 | 2.5 | 1 | 0.06 | | | 0.005 | | 1.0 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 27 | 61 | 50 | 2.5 | 1 | 0.05 | | | 0.005 | | 0.9 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.25 |
| | Mean | 28 | 60 | 43 | 8 | 1 | 0.063 | NA | NA | 0.01 | NA | 1 | 0.05 | 1.5 | 0.0025 | 0.007 | 0.05 | 0.1 |
| | Median | 27 | 61 | 50 | 2.5 | 1 | 0.06 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 12 | 9 | 0 | 0.015 | NA | NA | 0.009 | NA | 0.1 | 0 | 0.3 | 0 | 0.007 | 0 | 0.13 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 27 | 59 | 30 | 2.5 | 1 | 0.05 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 29 | 61 | 50 | 18 | 1 | 0.08 | NA | NA | 0.02 | NA | 1 | 0.05 | 1.8 | 0.0025 | 0.015 | 0.05 | 0.25 |
| | % of values undetected | | | | 67% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 3 | | | 1 | | 3 | | 3 | | | | |
| SP79 | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 32 | 75 | 40 | 10 | 1 | 0.15 | | | 0.02 | | 1.0 | 0.05 | 2.1 | 0.05 | 0.015 | 0.05 | 0.025 |
| | 09/06/07 | 34 | 73 | 60 | 2.5 | 1 | 0.10 | | | 0.005 | | 1.0 | 0.05 | 2.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 35 | 75 | 60 | 2.5 | 1 | 0.08 | | | 0.01 | | 0.9 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 34 | 74 | 53 | 5 | 1 | 0.11 | NA | NA | 0.012 | NA | 1 | 0.05 | 2.1 | 0.018 | 0.007 | 0.05 | 0.025 |
| | Median | 34 | 75 | 60 | 2.5 | 1 | 0.1 | NA | NA | 0.01 | NA | 1 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 1 | 12 | 4 | 0 | 0.04 | NA | NA | 0.008 | NA | 0.1 | 0 | 0.4 | 0.027 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 32 | 73 | 40 | 2.5 | 1 | 0.08 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 35 | 75 | 60 | 10 | 1 | 0.15 | NA | NA | 0.02 | NA | 1 | 0.05 | 2.5 | 0.05 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | 1 | | | 2 | | 3 | | 3 | | | | |
| SP80 | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 31 | 73 | 40 | 2.5 | 1 | 0.13 | | | 0.02 | | 1.1 | 0.05 | 1.6 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/07/07 | 34 | 71 | 50 | 2.5 | 1 | 0.15 | | | 0.005 | | 1.0 | 0.05 | 1.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 29 | 68 | 50 | 6 | 1 | 0.10 | | | 0.005 | | 0.8 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 31 | 71 | 47 | 3.7 | 1 | 0.13 | NA | NA | 0.01 | NA | 1 | 0.05 | 1.5 | 0.0025 | 0.007 | 0.05 | 0.025 |
| | Median | 31 | 71 | 50 | 2.5 | 1 | 0.13 | NA | NA | 0.005 | NA | 1 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 3 | 3 | 6 | 2 | 0 | 0.03 | NA | NA | 0.009 | NA | 0.2 | 0 | 0.3 | 0 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 29 | 68 | 40 | 2.5 | 1 | 0.1 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 34 | 73 | 50 | 6 | 1 | 0.15 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 1.8 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 3 | | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP78 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 237 | 33 | 0.2 | 0.2 | 8.6 | 7.3 | 4.7 | 4.2 | 0.05 | 0.05 | 50 | 20 | 1.2 | | 0.05 | 0.05 | 10100 | 9600 | 1 | 0.4 | 0.07 | 0.025 |
| | 09/06/07 | 12 | 6 | 0.2 | 0.2 | 6.2 | 6 | 3.2 | 3.6 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.3 | 0.05 | 0.05 | 9500 | 10100 | 0.05 | 0.25 | 0.08 | 0.025 |
| | 10/25/07 | 23 | 7 | 0.2 | 0.2 | 6.5 | 6.2 | 5 | 4.4 | 0.05 | 0.05 | 20 | 20 | 2.1 | 2 | 0.05 | 0.05 | 9400 | 9700 | 1.1 | 0.25 | 0.025 | 0.025 |
| | Mean | 90 | 15 | 0.2 | 0.2 | 7.1 | 6.5 | 4.3 | 4.1 | 0.05 | 0.05 | 30 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 10000 | 10000 | 0.7 | 0.3 | 0.058 | 0.025 |
| | Median | 23 | 7 | 0.2 | 0.2 | 6.5 | 6.2 | 4.7 | 4.2 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.65 | 0.05 | 0.05 | 9500 | 9700 | 1 | 0.25 | 0.07 | 0.025 |
| | St. Deviation | 130 | 15 | 0 | 0 | 1.3 | 0.7 | 1 | 0.4 | 0 | 0 | 17 | 0 | 0.6 | 0.5 | 0 | 0 | 0 | 0 | 0.6 | 0.09 | 0.029 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 6 | 0.2 | 0.2 | 6.2 | 6 | 3.2 | 3.6 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.3 | 0.05 | 0.05 | 9400 | 9600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 237 | 33 | 0.2 | 0.2 | 8.6 | 7.3 | 5 | 4.4 | 0.05 | 0.05 | 50 | 20 | 2.1 | 2 | 0.05 | 0.05 | 10100 | 10100 | 1.1 | 0.4 | 0.08 | 0.025 |
| | % of values undetected | | | 100% | 100% | | | | | 100% | 100% | 67% | 100% | | | 100% | 100% | | | 33% | 67% | 33% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | | | | | 1 | 2 | |
| SP79 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 6 | 8 | 0.2 | 0.2 | 5.5 | 6 | 2.2 | | 0.05 | 0.05 | 80 | 20 | 1.6 | 2.4 | 0.05 | 0.05 | 11000 | 10500 | 0.8 | 0.3 | 0.025 | 0.025 |
| | 09/06/07 | 2.5 | 7 | 0.2 | 0.2 | 6.1 | 5.5 | 2.8 | 2.9 | 0.05 | 0.05 | 20 | 20 | 1.8 | 2.5 | 0.05 | 0.05 | 10500 | 11400 | 0.05 | 0.25 | 0.09 | 0.025 |
| | 10/25/07 | 11 | 2.5 | 0.2 | 0.2 | 5.5 | 5.9 | 3.7 | | 0.05 | 0.05 | 20 | 20 | 2.5 | 2.9 | 0.05 | 0.05 | 11200 | 11700 | 1 | 0.6 | 0.025 | 0.025 |
| | Mean | 7 | 5.8 | 0.2 | 0.2 | 5.7 | 5.8 | 2.9 | 2.9 | 0.05 | 0.05 | 40 | 20 | 2 | 2.6 | 0.05 | 0.05 | 10900 | 11200 | 0.6 | 0.38 | 0.047 | 0.025 |
| | Median | 6 | 7 | 0.2 | 0.2 | 5.5 | 5.9 | 2.8 | 2.9 | 0.05 | 0.05 | 20 | 20 | 1.8 | 2.5 | 0.05 | 0.05 | 11000 | 11400 | 0.8 | 0.3 | 0.025 | 0.025 |
| | St. Deviation | 4 | 2.9 | 0 | 0 | 0.3 | 0.3 | 0.8 | NA | 0 | 0 | 35 | 0 | 0.5 | 0.3 | 0 | 0 | 400 | 600 | 0.5 | 0.19 | 0.038 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 5.5 | 5.5 | 2.2 | 2.9 | 0.05 | 0.05 | 20 | 20 | 1.6 | 2.4 | 0.05 | 0.05 | 10500 | 10500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 11 | 8 | 0.2 | 0.2 | 6.1 | 6 | 3.7 | 2.9 | 0.05 | 0.05 | 80 | 20 | 2.5 | 2.9 | 0.05 | 0.05 | 11200 | 11700 | 1 | 0.6 | 0.09 | 0.025 |
| | % of values undetected | 33% | 33% | 100% | 100% | | | | | 100% | 100% | 67% | 100% | | | 100% | 100% | | | 33% | 33% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 | |
| SP80 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 31 | 13 | 0.2 | 0.2 | 2.8 | 3.1 | 38.8 | 41.4 | 0.05 | 0.05 | 20 | 20 | 1.4 | | 0.05 | 0.05 | 10900 | 10500 | 0.6 | 0.2 | 0.025 | 0.025 |
| | 09/07/07 | 2.5 | 2.5 | 0.2 | 0.2 | 2.7 | 2.9 | 38.9 | 34.9 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.6 | 0.05 | 0.05 | 10800 | 11300 | 0.25 | 0.25 | 0.07 | 0.025 |
| | 10/25/07 | 2.5 | 6 | 0.2 | 0.2 | 2.4 | 2.4 | 38.7 | 36.5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 9700 | 9900 | 0.05 | | 0.025 | 0.025 |
| | Mean | 12 | 7 | 0.2 | 0.2 | 2.6 | 2.8 | 38.8 | 37.6 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 10500 | 10600 | 0.3 | 0.23 | 0.04 | 0.025 |
| | Median | 2.5 | 6 | 0.2 | 0.2 | 2.7 | 2.9 | 38.8 | 36.5 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 10800 | 10500 | 0.25 | 0.225 | 0.025 | 0.025 |
| | St. Deviation | 16 | 5 | 0 | 0 | 0.2 | 0.4 | 0.1 | 3.4 | 0 | 0 | 0 | 0 | 0.2 | 0 | 0 | 0 | 700 | 700 | 0.28 | 0.04 | 0.026 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 2.4 | 2.4 | 38.7 | 34.9 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.6 | 0.05 | 0.05 | 9700 | 9900 | 0.05 | 0.2 | 0.025 | 0.025 |
| | Maximum | 31 | 13 | 0.2 | 0.2 | 2.8 | 3.1 | 38.9 | 41.4 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.6 | 0.05 | 0.05 | 10900 | 11300 | 0.6 | 0.25 | 0.07 | 0.025 |
| | % of values undetected | 67% | 33% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | | | 67% | 50% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | 1 | 1 | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP78 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.25 | 220 | 25 | 0.2 | 0.05 | 600 | 800 | 14.4 | 1.3 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 400 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 600 | 700 | 6.4 | 0.25 | 0.000582 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 400 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 90 | 15 | 0.1 | 0.05 | 630 | 770 | 7 | 0.6 | 0.00108 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 320 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 30 | 10 | 0.05 | 0.05 | 600 | 800 | 6.4 | 0.25 | 0.000582 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 400 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 120 | 9 | 0.09 | 0 | 60 | 60 | 7 | 0.6 | 0.00124 | 0 | 0 | 0 | 0 | 400 | 140 | 0 | 0 | 400 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 4100 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 220 | 25 | 0.2 | 0.05 | 700 | 800 | 14.4 | 1.3 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 33% | 100% | 67% | 100% | | | 33% | 67% | 67% | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | | 1 | | 3 | 3 | | 1 | 1 | | | | | 2 | 2 | | | | | |
| SP79 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/03/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | 09/06/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.5 | 0.3 | 600 | 500 | 0.1 | 0.05 | 4400 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 2 | 800 | 700 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.7 | 0.9 | 800 | 700 | 0.07 | 0.05 | 5000 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 800 | 700 | 0.05 | 0.05 | 4800 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0 | 0 | 0.7 | 1 | 200 | 300 | 0.03 | 0 | 700 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 500 | 0.05 | 0.05 | 4400 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1400 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 1.5 | 2 | 1000 | 1000 | 0.1 | 0.05 | 5800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 33% | 33% | 67% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | 1 | 2 | 2 | 1 | | | | | |
| SP80 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 1 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | 09/07/07 | 2.6 | 0.25 | 10 | 25 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 300 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | Mean | 1 | 0.25 | 15 | 15 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.5 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 500 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 300 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | St. Deviation | 1.4 | 0 | 9 | 9 | 0 | 0 | 100 | 100 | 0 | 0.4 | 0.00135 | 0 | 0 | 0 | 0 | 500 | 500 | 0 | 0 | 100 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | Maximum | 2.6 | 0.25 | 25 | 25 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 1 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | % of values undetected | 67% | 100% | 100% | 100% | 100% | 100% | | | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | | | | | | | | 1 | | | | | | 1 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP78 | | | | | | | | | | | |
| | 08/03/07 | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 1.7 | 1.2 | 1 | 3 |
| | 09/06/07 | 1800 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 1.3 | 1.1 | 1 | 1 |
| | 10/25/07 | 1700 | 1700 | 0.25 | 0.25 | 0.05 | 0.05 | 1.3 | 1.3 | 1 | 5 |
| | Mean | 1700 | 1700 | 0.18 | 0.18 | 0.05 | 0.05 | 1.4 | 1.2 | 1 | 3 |
| | Median | 1700 | 1700 | 0.25 | 0.25 | 0.05 | 0.05 | 1.3 | 1.2 | 1 | 3 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0 | 0.2 | 0.1 | 0 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 1.3 | 1.1 | 1 | 1 |
| | Maximum | 1800 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 1.7 | 1.3 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 67% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | | | 1 |
| SP79 | | | | | | | | | | | |
| | 08/03/07 | 2200 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 1.5 | 1.5 | 1 | 1 |
| | 09/06/07 | 2400 | 2600 | 0.25 | 0.05 | 0.05 | 0.05 | 1.9 | 1.3 | 5 | 1 |
| | 10/25/07 | 2500 | 2600 | 0.25 | 0.25 | 0.05 | 0.05 | 1.6 | 1.1 | 1 | 5 |
| | Mean | 2400 | 2500 | 0.18 | 0.12 | 0.05 | 0.05 | 1.7 | 1.3 | 2.3 | 2.3 |
| | Median | 2400 | 2600 | 0.25 | 0.05 | 0.05 | 0.05 | 1.6 | 1.3 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0.12 | 0.12 | 0 | 0 | 0.2 | 0.2 | 2.3 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2200 | 2400 | 0.05 | 0.05 | 0.05 | 0.05 | 1.5 | 1.1 | 1 | 1 |
| | Maximum | 2500 | 2600 | 0.25 | 0.25 | 0.05 | 0.05 | 1.9 | 1.5 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP80 | | | | | | | | | | | |
| | 08/04/07 | 1900 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 0.8 | 1 | 1 |
| | 09/07/07 | 2000 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.8 | 1 | 1 |
| | 10/25/07 | 1700 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 1900 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 0.7 | 1 | 1 |
| | Median | 1900 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.8 | 1 | 1 |
| | St. Deviation | 200 | 200 | 0 | 0 | 0 | 0 | 0.17 | 0.17 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1700 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Maximum | 2000 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 0.8 | 1 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% |
| | # of values between MDL and PQL | 2 | 1 | | | | | 2 | 2 | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP81 | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 30 | 72 | 40 | 2.5 | 1 | 0.09 | | | 0.02 | | 1.0 | 0.05 | 1.2 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | 09/07/07 | 32 | 68 | 40 | 2.5 | 1 | 0.09 | | | 0.005 | | 0.9 | 0.05 | 1.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 31 | 72 | 40 | 2.5 | 1 | 0.08 | | | 0.005 | | 0.8 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 31 | 71 | 40 | 2.5 | 1 | 0.087 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 1.2 | 0.0025 | 0.007 | 0.05 | 0.025 |
| | Median | 31 | 72 | 40 | 2.5 | 1 | 0.09 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 0 | 0 | 0 | 0.006 | NA | NA | 0.009 | NA | 0.1 | 0 | 0.3 | 0 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 30 | 68 | 40 | 2.5 | 1 | 0.08 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 32 | 72 | 40 | 2.5 | 1 | 0.09 | NA | NA | 0.02 | NA | 1 | 0.05 | 1.5 | 0.0025 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 3 | | | 1 | | 3 | | 3 | | | | |
| SP82 | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 12 | 33 | 20 | 8 | 1 | 0.21 | | | 0.02 | | 1.7 | 0.05 | 0.8 | 0.015 | 0.015 | 0.05 | 0.025 |
| | 09/09/07 | 12 | 33 | 30 | 2.5 | 1 | 0.22 | | | 0.005 | | 1.0 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 14 | 36 | 40 | 2.5 | 1 | 0.22 | | | 0.01 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 13 | 34 | 30 | 4.3 | 1 | 0.22 | NA | NA | 0.012 | NA | 1.2 | 0.05 | 0.8 | 0.007 | 0.007 | 0.05 | 0.025 |
| | Median | 12 | 33 | 30 | 2.5 | 1 | 0.22 | NA | NA | 0.01 | NA | 1 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 10 | 3.2 | 0 | 0.01 | NA | NA | 0.008 | NA | 0.4 | 0 | 0.1 | 0.007 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 33 | 20 | 2.5 | 1 | 0.21 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 14 | 36 | 40 | 8 | 1 | 0.22 | NA | NA | 0.02 | NA | 1.7 | 0.05 | 0.9 | 0.015 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | 2 | | 3 | | 3 | | | | |
| SP83 | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 18 | 44 | 30 | 16 | 1 | 0.21 | | | 0.02 | | 1.0 | 0.05 | 1.0 | 0.015 | 0.015 | 0.05 | 0.025 |
| | 09/09/07 | 18 | 45 | 30 | 2.5 | 1 | 0.20 | | | 0.005 | | 1.0 | 0.05 | 1.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/28/07 | 17 | 44 | 40 | 2.5 | 1 | 0.19 | | | 0.005 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 18 | 44 | 33 | 7 | 1 | 0.2 | NA | NA | 0.01 | NA | 1 | 0.05 | 0.9 | 0.007 | 0.007 | 0.05 | 0.025 |
| | Median | 18 | 44 | 30 | 2.5 | 1 | 0.2 | NA | NA | 0.005 | NA | 1 | 0.05 | 1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 6 | 8 | 0 | 0.01 | NA | NA | 0.009 | NA | 0.1 | 0 | 0.2 | 0.007 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 17 | 44 | 30 | 2.5 | 1 | 0.19 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 18 | 45 | 40 | 16 | 1 | 0.21 | NA | NA | 0.02 | NA | 1 | 0.05 | 1 | 0.015 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 3 | | 3 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP81 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 45 | 6 | 0.2 | 0.2 | 2.7 | 3 | 8 | 8.1 | 0.05 | 0.05 | 20 | 20 | 1.2 | | 0.05 | 0.05 | 11400 | 10500 | 0.7 | 0.3 | 0.025 | 0.025 |
| | 09/07/07 | 12 | 2.5 | 0.2 | 0.2 | 3.3 | 2.7 | 7.4 | 6.8 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.4 | 0.05 | 0.05 | 10700 | 11100 | 0.05 | 0.25 | 0.09 | 0.025 |
| | 10/25/07 | 6 | 10 | 0.2 | 0.2 | 2.4 | 2.4 | 9.6 | 8.6 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 11200 | 10900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 21 | 6 | 0.2 | 0.2 | 2.8 | 2.7 | 8.3 | 7.8 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.5 | 0.05 | 0.05 | 11100 | 10800 | 0.33 | 0.27 | 0.047 | 0.025 |
| | Median | 12 | 6 | 0.2 | 0.2 | 2.7 | 2.7 | 8 | 8.1 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.45 | 0.05 | 0.05 | 11200 | 10900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 21 | 4 | 0 | 0 | 0.5 | 0.3 | 1.1 | 0.9 | 0 | 0 | 0 | 0 | 0.7 | 0.1 | 0 | 0 | 400 | 300 | 0.33 | 0.03 | 0.038 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 6 | 2.5 | 0.2 | 0.2 | 2.4 | 2.4 | 7.4 | 6.8 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 10700 | 10500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 45 | 10 | 0.2 | 0.2 | 3.3 | 3 | 9.6 | 8.6 | 0.05 | 0.05 | 20 | 20 | 2.5 | 1.5 | 0.05 | 0.05 | 11400 | 11100 | 0.7 | 0.3 | 0.09 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| SP82 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 12 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.1 | | 0.05 | 0.05 | 3400 | 3700 | 0.6 | 0.3 | 0.025 | 0.025 |
| | 09/09/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.3 | 0.05 | 0.05 | 3600 | 3700 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/28/07 | 2.5 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.4 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1 | 0.05 | 0.05 | 4000 | 4500 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 8 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 0.7 | 0.8 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.2 | 0.05 | 0.05 | 3700 | 4000 | 0.48 | 0.27 | 0.025 | 0.025 |
| | Median | 8 | 5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.825 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.15 | 0.05 | 0.05 | 3600 | 3700 | 0.6 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 5 | 5 | 0 | 0 | 0 | 0 | 0.8 | 0.8 | 0 | 0 | 0 | 0 | 0.6 | 0.2 | 0 | 0 | 300 | 500 | 0.2 | 0.03 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.25 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1 | 0.05 | 0.05 | 3400 | 3700 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Maximum | 12 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.4 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.3 | 0.05 | 0.05 | 4000 | 4500 | 0.6 | 0.3 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 100% | 100% | 67% | 50% | 100% | 100% | 100% | 100% | | 50% | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | 1 | | |
| SP83 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 59 | 11 | 0.2 | 0.2 | 0.25 | 0.6 | 0.9 | 1.3 | 0.05 | 0.05 | 50 | 100 | 1.2 | | 0.05 | 0.05 | 5500 | 5400 | 0.8 | 0.2 | 0.025 | 0.025 |
| | 09/09/07 | 24 | 6 | 0.2 | 0.2 | 0.25 | 0.7 | 0.6 | | 0.05 | 0.05 | 20 | 20 | 2.1 | 1.4 | 0.05 | 0.05 | 5200 | 5500 | 0.6 | 0.9 | 0.025 | 0.025 |
| | 10/28/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.6 | 0.25 | 2.1 | 0.6 | 0.05 | 0.05 | 20 | 20 | 2 | 1.8 | 0.05 | 0.05 | 5400 | 5200 | 3 | 0.25 | 0.06 | 0.025 |
| | Mean | 29 | 7 | 0.2 | 0.2 | 0.37 | 0.52 | 1.2 | 1 | 0.05 | 0.05 | 30 | 50 | 1.8 | 1.6 | 0.05 | 0.05 | 5400 | 5400 | 1.5 | 0.45 | 0.037 | 0.025 |
| | Median | 24 | 6 | 0.2 | 0.2 | 0.25 | 0.6 | 0.9 | 0.95 | 0.05 | 0.05 | 20 | 20 | 2 | 1.6 | 0.05 | 0.05 | 5400 | 5400 | 0.8 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 29 | 4 | 0 | 0 | 0.2 | 0.24 | 0.8 | 0.5 | 0 | 0 | 17 | 50 | 0.5 | 0.3 | 0 | 0 | 200 | 200 | 1.3 | 0.39 | 0.02 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.6 | 0.6 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 5200 | 5200 | 0.6 | 0.2 | 0.025 | 0.025 |
| | Maximum | 59 | 11 | 0.2 | 0.2 | 0.6 | 0.7 | 2.1 | 1.3 | 0.05 | 0.05 | 50 | 100 | 2.1 | 1.8 | 0.05 | 0.05 | 5500 | 5500 | 3 | 0.9 | 0.06 | 0.025 |
| | % of values undetected | 33% | 33% | 100% | 100% | 67% | 33% | | | 100% | 100% | 67% | 100% | | | 100% | 100% | | | 33% | 67% | 100% | |
| | # of values between MDL and PQL | | | | | 1 | 2 | | | | | 1 | | | | | | | | | 1 | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP81 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 900 | 900 | 6 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5700 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 30 | 0.05 | 0.05 | 1000 | 1000 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5300 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.25 | 1000 | 1000 | 0.25 | 0.25 | 0.0165 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 20 | 17 | 0.05 | 0.12 | 1000 | 1000 | 2.2 | 0.25 | 0.0064 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1000 | 1000 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5700 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 9 | 12 | 0 | 0.12 | 100 | 100 | 3.3 | 0 | 0.0088 | 0 | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 25 | 30 | 0.05 | 0.25 | 1000 | 1000 | 6 | 0.25 | 0.0165 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 67% | 100% | 100% | | | 67% | 100% | 67% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | 1 | 1 | | | | | | | | 1 | | | | | | |
| SP82 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 700 | 0.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | 09/09/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 600 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 500 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 500 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5500 | 0.025 | 0.05 |
| | Mean | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.12 | 530 | 670 | 0.33 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 350 | 0.05 | 0.05 | 5500 | 0.025 | 0.033 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5500 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 0 | 0 | 0.12 | 60 | 60 | 0.14 | 0 | 0.00135 | 0 | 0 | 0 | 0 | 500 | 180 | 0 | 0 | 300 | 0 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5200 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 600 | 700 | 0.5 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 500 | 0.05 | 0.05 | 5800 | 0.025 | 0.05 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | 1 | | | | | | | 2 | | | | | | |
| SP83 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 0.25 | 0.25 | 80 | 10 | 0.05 | 0.05 | 900 | 1000 | 1.2 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | 09/09/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | 10/28/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 2.1 | 0.3 | 400 | 400 | 0.05 | 0.05 | 6200 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 33 | 10 | 0.05 | 0.12 | 870 | 1000 | 0.6 | 0.25 | 0.0017 | 0.25 | 0.25 | 0.9 | 0.3 | 500 | 320 | 0.05 | 0.05 | 6100 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 400 | 0.05 | 0.05 | 6200 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 40 | 0 | 0 | 0.12 | 60 | 100 | 0.5 | 0 | 0.0013 | 0 | 0 | 1 | 0 | 400 | 140 | 0 | 0 | 500 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5600 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 80 | 10 | 0.05 | 0.25 | 900 | 1000 | 1.2 | 0.25 | 0.0025 | 0.25 | 0.25 | 2.1 | 0.3 | 1000 | 400 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 67% | 100% | 100% | 100% | | | 67% | 100% | 100% | 100% | 100% | 67% | 100% | 67% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 1 | 1 | | | | | 1 | | 1 | 2 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP81 | | | | | | | | | | | |
| | 08/04/07 | 2000 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 0.9 | 1 | 5 |
| | 09/07/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.9 | 1 | 1 |
| | 10/25/07 | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 5 | 5 |
| | Mean | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 0.77 | 2.3 | 3.7 |
| | Median | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.9 | 1 | 5 |
| | St. Deviation | 0 | 100 | 0 | 0 | 0 | 0 | 0.17 | 0.23 | 2.3 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2000 | 2000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Maximum | 2000 | 2100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 0.9 | 5 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 33% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | | 1 | 2 | | 1 |
| SP82 | | | | | | | | | | | |
| | 08/04/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.3 | 1 | 1 |
| | 09/09/07 | 2000 | 2000 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.6 | 1 | 5 |
| | 10/28/07 | 2100 | 2200 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 2000 | 2000 | 0.23 | 0.3 | 0.05 | 0.05 | 0.4 | 0.33 | 1 | 2.3 |
| | Median | 2000 | 2000 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.3 | 1 | 1 |
| | St. Deviation | 200 | 200 | 0.32 | 0.28 | 0 | 0 | 0.17 | 0.25 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.1 | 1 | 1 |
| | Maximum | 2100 | 2200 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.6 | 1 | 5 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | 1 | 2 | | |
| SP83 | | | | | | | | | | | |
| | 08/04/07 | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.6 | 1 | 3 |
| | 09/09/07 | 2200 | 2300 | 0.05 | 0.25 | 0.05 | 0.1 | 0.5 | 0.6 | 1 | 5 |
| | 10/28/07 | 2200 | 2200 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Mean | 2200 | 2200 | 0.12 | 0.18 | 0.05 | 0.07 | 0.5 | 0.57 | 1 | 3 |
| | Median | 2200 | 2200 | 0.05 | 0.25 | 0.05 | 0.05 | 0.5 | 0.6 | 1 | 3 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0.03 | 0 | 0.06 | 0 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Maximum | 2200 | 2300 | 0.25 | 0.25 | 0.05 | 0.1 | 0.5 | 0.6 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 67% | 67% | 33% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 1 | 1 | 2 | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP84 | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 27 | 62 | 40 | 2.5 | 1 | 0.26 | | | 0.03 | | 1.1 | 0.1 | 1.3 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 28 | 64 | 40 | 2.5 | 1 | 0.28 | | | 0.02 | | 1.1 | 0.05 | 1.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 22 | 52 | 20 | 2.5 | 1 | 0.16 | | | 0.02 | | 0.9 | 0.05 | 0.8 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 26 | 59 | 33 | 2.5 | 1 | 0.23 | NA | NA | 0.023 | NA | 1 | 0.07 | 1.2 | 0.011 | 0.0025 | 0.05 | 0.025 |
| | Median | 27 | 62 | 40 | 2.5 | 1 | 0.26 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 1.3 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 3 | 6 | 12 | 0 | 0 | 0.06 | NA | NA | 0.006 | NA | 0.1 | 0.03 | 0.4 | 0.007 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 22 | 52 | 20 | 2.5 | 1 | 0.16 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 28 | 64 | 40 | 2.5 | 1 | 0.28 | NA | NA | 0.03 | NA | 1.1 | 0.1 | 1.6 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 67% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 3 | | 3 | 1 | 3 | | | | |
| SP85 | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 23 | 53 | 30 | 2.5 | 1 | 0.74 | | | 0.02 | | 0.9 | 0.05 | 3.0 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | 09/07/07 | 25 | 55 | 40 | 2.5 | 1 | 0.29 | | | 0.005 | | 0.9 | 0.05 | 3.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 22 | 51 | 50 | 2.5 | 1 | 0.31 | | | 0.005 | | 0.8 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.25 |
| | Mean | 23 | 53 | 40 | 2.5 | 1 | 0.45 | NA | NA | 0.01 | NA | 0.87 | 0.05 | 2.9 | 0.007 | 0.0025 | 0.05 | 0.1 |
| | Median | 23 | 53 | 40 | 2.5 | 1 | 0.31 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 2 | 10 | 0 | 0 | 0.25 | NA | NA | 0.009 | NA | 0.06 | 0 | 0.7 | 0.007 | 0 | 0 | 0.13 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 22 | 51 | 30 | 2.5 | 1 | 0.29 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 2.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 25 | 55 | 50 | 2.5 | 1 | 0.74 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 3.5 | 0.015 | 0.0025 | 0.05 | 0.25 |
| | % of values undetected | | | | 100% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 3 | | 1 | | | | |
| SP86 | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 10 | 32 | 30 | 2.5 | 1 | 0.36 | | | 0.005 | | 0.9 | 0.05 | 8.0 | 0.05 | 0.015 | 0.05 | 0.025 |
| | 09/08/07 | 11 | 32 | 20 | 2.5 | 1 | 0.31 | | | 0.005 | | 0.9 | 0.05 | 9.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/23/07 | 10 | 31 | 20 | 2.5 | 1 | 0.43 | | | 0.005 | | 0.9 | 0.05 | 7.4 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 10 | 32 | 23 | 2.5 | 1 | 0.37 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 8.1 | 0.023 | 0.007 | 0.05 | 0.025 |
| | Median | 10 | 32 | 20 | 2.5 | 1 | 0.36 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 8 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 6 | 0 | 0 | 0.06 | NA | NA | 0 | NA | 0 | 0 | 0.8 | 0.025 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 10 | 31 | 20 | 2.5 | 1 | 0.31 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 7.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 11 | 32 | 30 | 2.5 | 1 | 0.43 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 9 | 0.05 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 3 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP84 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 32 | 9 | 0.2 | 0.2 | 5.5 | 5.7 | 1.1 | 1.6 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.4 | 0.05 | 0.05 | 9400 | 9000 | 0.6 | | 0.025 | 0.025 |
| | 09/08/07 | 9 | 6 | 0.2 | 0.2 | 5.6 | 5.7 | 0.9 | | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.2 | 0.05 | 0.05 | 9500 | 9200 | 0.05 | 0.6 | 0.025 | 0.025 |
| | 10/25/07 | 45 | 13 | 0.2 | 0.2 | 5.7 | 5.4 | 2.5 | 3 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.8 | 0.05 | 0.05 | 7500 | 7400 | 0.8 | 0.8 | 0.025 | 0.025 |
| | Mean | 29 | 9 | 0.2 | 0.2 | 5.6 | 5.6 | 1.5 | 2.3 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.8 | 0.05 | 0.05 | 8800 | 8500 | 0.48 | 0.7 | 0.025 | 0.025 |
| | Median | 32 | 9 | 0.2 | 0.2 | 5.6 | 5.7 | 1.1 | 2.3 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.8 | 0.05 | 0.05 | 9400 | 9000 | 0.6 | 0.7 | 0.025 | 0.025 |
| | St. Deviation | 18 | 4 | 0 | 0 | 0.1 | 0.2 | 0.9 | 1 | 0 | 0 | 0 | 0 | 0.3 | 0.4 | 0 | 0 | 1100 | 1000 | 0.39 | 0.1 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| | Minimum | 9 | 6 | 0.2 | 0.2 | 5.5 | 5.4 | 0.9 | 1.6 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.4 | 0.05 | 0.05 | 7500 | 7400 | 0.05 | 0.6 | 0.025 | 0.025 |
| | Maximum | 45 | 13 | 0.2 | 0.2 | 5.7 | 5.7 | 2.5 | 3 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.2 | 0.05 | 0.05 | 9500 | 9200 | 0.8 | 0.8 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | | | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SP85 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 18 | 19 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | | 0.05 | 0.05 | 20 | 20 | 1.3 | | 0.05 | 0.05 | 6800 | 7200 | 0.1 | 0.3 | 0.025 | 0.025 |
| | 09/07/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.3 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.3 | 0.05 | 0.05 | 7000 | 7700 | 0.25 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.7 | 0.05 | 0.05 | 6400 | 6700 | 0.7 | 0.25 | 0.025 | 0.025 |
| | Mean | 11 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.9 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 6700 | 7200 | 0.35 | 0.27 | 0.025 | 0.025 |
| | Median | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 2.85 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 6800 | 7200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 6 | 10 | 0 | 0 | 0 | 0 | 0.7 | 0.8 | 0 | 0 | 0 | 0 | 0.3 | 0.3 | 0 | 0 | 300 | 500 | 0.31 | 0.03 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.3 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 6400 | 6700 | 0.1 | 0.25 | 0.025 | 0.025 |
| | Maximum | 18 | 19 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 3.4 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.7 | 0.05 | 0.05 | 7000 | 7700 | 0.7 | 0.3 | 0.025 | 0.025 |
| | % of values undetected | | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| SP86 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 156 | 60 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.8 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.8 | 0.05 | 0.05 | 2600 | 3100 | 0.2 | 0.05 | 0.44 | 0.38 |
| | 09/08/07 | 137 | 80 | 0.2 | 0.2 | 0.25 | 0.25 | 5.3 | 5.6 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.5 | 0.05 | 0.05 | 2800 | 3300 | 0.05 | 0.05 | 0.48 | 0.43 |
| | 10/23/07 | 120 | 66 | 0.2 | 0.2 | 0.25 | 0.25 | 6 | 6.6 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.6 | 0.05 | 0.05 | 2400 | 3000 | 0.25 | 0.25 | 0.44 | 0.46 |
| | Mean | 138 | 69 | 0.2 | 0.2 | 0.25 | 0.25 | 5.5 | 6 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 2600 | 3100 | 0.17 | 0.12 | 0.45 | 0.42 |
| | Median | 137 | 66 | 0.2 | 0.2 | 0.25 | 0.25 | 5.3 | 5.8 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.6 | 0.05 | 0.05 | 2600 | 3100 | 0.2 | 0.05 | 0.44 | 0.43 |
| | St. Deviation | 18 | 10 | 0 | 0 | 0 | 0 | 0.4 | 0.5 | 0 | 0 | 0 | 0 | 0.4 | 0.2 | 0 | 0 | 200 | 200 | 0.1 | 0.12 | 0.02 | 0.04 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 120 | 60 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.6 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.5 | 0.05 | 0.05 | 2400 | 3000 | 0.05 | 0.05 | 0.44 | 0.38 |
| | Maximum | 156 | 80 | 0.2 | 0.2 | 0.25 | 0.25 | 6 | 6.6 | 0.05 | 0.05 | 20 | 20 | 1.9 | 1.8 | 0.05 | 0.05 | 2800 | 3300 | 0.25 | 0.25 | 0.48 | 0.46 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP84 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/04/07 | 0.25 | 0.25 | 20 | 10 | 0.05 | 0.05 | 900 | 1100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.2 | 0.05 | 5800 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1100 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 500 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.9 | 25 | 10 | 0.05 | 0.25 | 900 | 900 | 0.6 | 0.25 | 0.00188 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 300 | 0.05 | 0.05 | 6000 | 0.025 | 0.05 |
| | Mean | 0.25 | 0.47 | 18 | 10 | 0.05 | 0.12 | 900 | 1000 | 0.37 | 0.25 | 0.00152 | 0.25 | 0.25 | 0.3 | 0.3 | 800 | 320 | 0.1 | 0.05 | 5900 | 0.025 | 0.033 |
| | Median | 0.25 | 0.25 | 20 | 10 | 0.05 | 0.05 | 900 | 1100 | 0.25 | 0.25 | 0.00188 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 300 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.38 | 8 | 0 | 0 | 0.12 | 100 | 100 | 0.2 | 0 | 0.00121 | 0 | 0 | 0 | 0 | 400 | 180 | 0.09 | 0 | 100 | 0 | 0.014 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 300 | 150 | 0.05 | 0.05 | 5800 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.9 | 25 | 10 | 0.05 | 0.25 | 1000 | 1100 | 0.6 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 500 | 0.2 | 0.05 | 6000 | 0.025 | 0.05 |
| | % of values undetected | 100% | 67% | 67% | 100% | 100% | 100% | | | 67% | 100% | 67% | 100% | 100% | 100% | 100% | 33% | 33% | 67% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | | | | 2 | 1 | 1 | | 1 | | | | | 2 | 2 | 1 | | | | |
| SP85 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.2 | 0.05 | 5400 | 0.025 | 0.025 |
| | 09/07/07 | 0.25 | 0.25 | 10 | 25 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 1.5 | 150 | 400 | 0.1 | 0.2 | 5900 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 150 | 0.05 | 0.05 | 6000 | 0.15 | 0.025 |
| | Mean | 0.25 | 0.33 | 10 | 15 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.7 | 0.3 | 0.7 | 600 | 230 | 0.12 | 0.1 | 5800 | 0.07 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 700 | 150 | 0.1 | 0.05 | 5900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.14 | 0 | 9 | 0 | 0 | 100 | 100 | 0 | 0 | 0.00135 | 0 | 0.7 | 0 | 0.7 | 400 | 140 | 0.08 | 0.09 | 300 | 0.07 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1000 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5400 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.5 | 10 | 25 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 1.5 | 1000 | 400 | 0.2 | 0.2 | 6000 | 0.15 | 0.025 |
| | % of values undetected | 100% | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 67% | 33% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | | | | | | | | | | 1 | 1 | 2 | 1 | | | |
| SP86 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 0.7 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 600 | 9.2 | 7.9 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.9 | 150 | 150 | 0.2 | 0.1 | 4700 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.5 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 10.1 | 9 | 0.0025 | 0.25 | 0.25 | 1.5 | 1.5 | 150 | 150 | 0.2 | 0.2 | 4700 | 0.025 | 0.025 |
| | 10/23/07 | 0.5 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 8.5 | 9.2 | 0.000169 | 0.25 | 0.25 | 0.8 | 1 | 150 | 150 | 0.25 | 0.25 | 5000 | 0.025 | 0.025 |
| | Mean | 0.48 | 0.33 | 10 | 10 | 0.05 | 0.05 | 430 | 570 | 9 | 8.7 | 0.00095 | 0.25 | 0.25 | 0.9 | 1.1 | 150 | 150 | 0.22 | 0.18 | 4800 | 0.025 | 0.025 |
| | Median | 0.5 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 600 | 9.2 | 9 | 0.000169 | 0.25 | 0.25 | 0.8 | 1 | 150 | 150 | 0.2 | 0.2 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0.23 | 0.14 | 0 | 0 | 0 | 0 | 60 | 60 | 1 | 0.7 | 0.00135 | 0 | 0 | 0.6 | 0.3 | 0 | 0 | 0.03 | 0.08 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 500 | 8.5 | 7.9 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.9 | 150 | 150 | 0.2 | 0.1 | 4700 | 0.025 | 0.025 |
| | Maximum | 0.7 | 0.5 | 10 | 10 | 0.05 | 0.05 | 500 | 600 | 10.1 | 9.2 | 0.0025 | 0.25 | 0.25 | 1.5 | 1.5 | 150 | 150 | 0.25 | 0.25 | 5000 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 100% | 100% | | | | | 100% | 100% | 100% | 67% | 33% | 100% | 100% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 2 | 1 | | | | | 3 | 3 | | | | | | 1 | 2 | | | 2 | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP84 | | | | | | | | | | | |
| | 08/04/07 | 2300 | 2400 | 0.6 | 0.5 | 0.05 | 0.05 | 2.7 | 2.5 | 1 | 1 |
| | 09/08/07 | 2400 | 2400 | 0.7 | 0.8 | 0.05 | 0.05 | 2.6 | 2.7 | 1 | 5 |
| | 10/25/07 | 2400 | 2100 | 0.05 | 0.6 | 0.05 | 0.25 | 3 | 2.8 | 1 | 1 |
| | Mean | 2400 | 2300 | 0.45 | 0.63 | 0.05 | 0.12 | 2.8 | 2.7 | 1 | 2.3 |
| | Median | 2400 | 2400 | 0.6 | 0.6 | 0.05 | 0.05 | 2.7 | 2.7 | 1 | 1 |
| | St. Deviation | 100 | 200 | 0.35 | 0.15 | 0 | 0.12 | 0.2 | 0.2 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2300 | 2100 | 0.05 | 0.5 | 0.05 | 0.05 | 2.6 | 2.5 | 1 | 1 |
| | Maximum | 2400 | 2400 | 0.7 | 0.8 | 0.05 | 0.25 | 3 | 2.8 | 1 | 5 |
| | % of values undetected | | | 33% | | 100% | 100% | | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SP85 | | | | | | | | | | | |
| | 08/05/07 | 2100 | 2300 | 0.05 | 0.1 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/07/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/26/07 | 2300 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | Mean | 2200 | 2300 | 0.05 | 0.07 | 0.05 | 0.05 | 0.23 | 0.1 | 1 | 3.7 |
| | Median | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | St. Deviation | 100 | 100 | 0 | 0.03 | 0 | 0 | 0.23 | 0 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2300 | 2300 | 0.05 | 0.1 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | | |
| SP86 | | | | | | | | | | | |
| | 08/05/07 | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 2 | 1 |
| | 09/08/07 | 1600 | 1700 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | 10/23/07 | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 1600 | 1700 | 0.12 | 0.12 | 0.05 | 0.05 | 0.1 | 0.1 | 1.3 | 3.7 |
| | Median | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0 | 0 | 0 | 0.6 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1700 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 2 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | | 1 | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP87 | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 16 | 42 | 30 | 2.5 | 1 | 0.67 | | | 0.005 | | 1.1 | 0.05 | 5.7 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 16 | 41 | 30 | 2.5 | 1 | 0.67 | | | 0.005 | | 1.0 | 0.05 | 5.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/23/07 | 15 | 41 | 30 | 6 | 1 | 0.80 | | | 0.005 | | 0.9 | 0.05 | 5.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 16 | 41 | 30 | 3.7 | 1 | 0.71 | NA | NA | 0.005 | NA | 1 | 0.05 | 5.5 | 0.007 | 0.0025 | 0.05 | 0.025 |
| | Median | 16 | 41 | 30 | 2.5 | 1 | 0.67 | NA | NA | 0.005 | NA | 1 | 0.05 | 5.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 0 | 2 | 0 | 0.08 | NA | NA | 0 | NA | 0.1 | 0 | 0.3 | 0.007 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 15 | 41 | 30 | 2.5 | 1 | 0.67 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 5.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 16 | 42 | 30 | 6 | 1 | 0.8 | NA | NA | 0.005 | NA | 1.1 | 0.05 | 5.7 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 67% | 100% | | | | 100% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | 3 | | | | | | |
| SP88 | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 12 | 27 | 30 | 2.5 | 1 | 0.39 | | | 0.01 | | 0.9 | 0.05 | 0.9 | 0.015 | 0.015 | 0.05 | 0.025 |
| | 09/05/07 | 13 | 28 | 40 | 2.5 | 1 | 0.28 | | | 0.005 | | 0.9 | 0.05 | 1.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/23/07 | 12 | 27 | 20 | 2.5 | 1 | 0.14 | | | 0.005 | | 0.9 | 0.05 | 0.7 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 12 | 27 | 30 | 2.5 | 1 | 0.27 | NA | NA | 0.007 | NA | 0.9 | 0.05 | 0.9 | 0.011 | 0.007 | 0.05 | 0.025 |
| | Median | 12 | 27 | 30 | 2.5 | 1 | 0.28 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.9 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 10 | 0 | 0 | 0.13 | NA | NA | 0.003 | NA | 0 | 0 | 0.3 | 0.007 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 12 | 27 | 20 | 2.5 | 1 | 0.14 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 13 | 28 | 40 | 2.5 | 1 | 0.39 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 1.2 | 0.015 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 3 | | 3 | | | | |
| SP89 | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 24 | 54 | 40 | 2.5 | 1 | 0.25 | | | 0.03 | | 1.0 | 0.05 | 3.5 | 0.015 | 0.015 | 0.05 | 0.025 |
| | 09/05/07 | 24 | 56 | 30 | 2.5 | 1 | 0.39 | | | 0.005 | | 1.0 | 0.05 | 4.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/25/07 | 23 | 53 | 40 | 2.5 | 1 | 0.23 | | | 0.01 | | 0.9 | 0.05 | 4.0 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 24 | 54 | 37 | 2.5 | 1 | 0.29 | NA | NA | 0.015 | NA | 1 | 0.05 | 3.9 | 0.011 | 0.007 | 0.05 | 0.025 |
| | Median | 24 | 54 | 40 | 2.5 | 1 | 0.25 | NA | NA | 0.01 | NA | 1 | 0.05 | 4 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 2 | 6 | 0 | 0 | 0.09 | NA | NA | 0.013 | NA | 0.1 | 0 | 0.4 | 0.007 | 0.007 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 23 | 53 | 30 | 2.5 | 1 | 0.23 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 3.5 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 24 | 56 | 40 | 2.5 | 1 | 0.39 | NA | NA | 0.03 | NA | 1 | 0.05 | 4.2 | 0.015 | 0.015 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 2 | | 3 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP87 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 15 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 5.9 | 6.4 | 0.05 | 0.05 | 20 | 20 | 1 | 1 | 0.2 | 0.1 | 5400 | 5600 | 0.1 | 0.4 | 0.025 | 0.025 |
| | 09/08/07 | 17 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.7 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.2 | 0.1 | 5400 | 5500 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/23/07 | 17 | 9 | 0.2 | 0.2 | 0.9 | 0.25 | 5.5 | 6.6 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.25 | 0.25 | 5300 | 5200 | 0.9 | 0.25 | 0.025 | 0.025 |
| | Mean | 16 | 10 | 0.2 | 0.2 | 0.47 | 0.25 | 5.5 | 6.2 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1 | 0.22 | 0.15 | 5400 | 5400 | 0.35 | 0.23 | 0.025 | 0.025 |
| | Median | 17 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 5.5 | 6.4 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1 | 0.2 | 0.1 | 5400 | 5500 | 0.1 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 1 | 3 | 0 | 0 | 0.38 | 0 | 0.4 | 0.5 | 0 | 0 | 0 | 0 | 0.2 | 0.5 | 0.03 | 0.09 | 100 | 200 | 0.48 | 0.18 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 15 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 5.2 | 5.7 | 0.05 | 0.05 | 20 | 20 | 1 | 0.5 | 0.2 | 0.1 | 5300 | 5200 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 17 | 14 | 0.2 | 0.2 | 0.9 | 0.25 | 5.9 | 6.6 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.25 | 0.25 | 5400 | 5600 | 0.9 | 0.4 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | | 33% | 33% | 33% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | 2 | 2 | | | 1 | 1 | | |
| SP88 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 71 | 28 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.5 | 2 | 0.05 | 0.05 | 3900 | 4200 | 0.1 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 15 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 1 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.4 | 0.05 | 0.05 | 4100 | 4600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/23/07 | 9 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 3500 | 4200 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 32 | 15 | 0.2 | 0.2 | 0.25 | 0.25 | 1.6 | 1.4 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 3800 | 4300 | 0.13 | 0.3 | 0.025 | 0.025 |
| | Median | 15 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 1.35 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.4 | 0.05 | 0.05 | 3900 | 4200 | 0.1 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 34 | 11 | 0 | 0 | 0 | 0 | 0.6 | 0.5 | 0 | 0 | 0 | 0 | 0.3 | 0.3 | 0 | 0 | 300 | 200 | 0.1 | 0.09 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 9 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 1 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 3500 | 4200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 71 | 28 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 1.7 | 0.05 | 0.05 | 20 | 20 | 1.7 | 2 | 0.05 | 0.05 | 4100 | 4600 | 0.25 | 0.4 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| SP89 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 2.5 | | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 2 | 0.05 | 0.05 | 7900 | 7900 | 0.8 | 0.4 | 0.025 | 0.025 |
| | 09/05/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 40 | 2.5 | 1.2 | 0.05 | 0.05 | 7800 | 8100 | 0.05 | | 0.025 | 0.025 |
| | 10/25/07 | 5 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 7400 | 7600 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 5.2 | 4.3 | 0.2 | 0.2 | 0.25 | 0.25 | 2.4 | 2.4 | 0.05 | 0.05 | 20 | 27 | 1.7 | 1.6 | 0.05 | 0.05 | 7700 | 7900 | 0.48 | 0.33 | 0.025 | 0.025 |
| | Median | 5 | 4.25 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.6 | 0.05 | 0.05 | 7800 | 7900 | 0.6 | 0.325 | 0.025 | 0.025 |
| | St. Deviation | 2.8 | 2.5 | 0 | 0 | 0 | 0 | 0.5 | NA | 0 | 0 | 0 | 12 | 0.7 | 0.4 | 0 | 0 | 300 | 300 | 0.39 | 0.11 | 0 | 0 |
| | # of values | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.4 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.2 | 0.05 | 0.05 | 7400 | 7600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 8 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 3 | 2.4 | 0.05 | 0.05 | 20 | 40 | 2.5 | 2 | 0.05 | 0.05 | 7900 | 8100 | 0.8 | 0.4 | 0.025 | 0.025 |
| | % of values undetected | 67% | 50% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 50% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP87 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 300 | 500 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 150 | 0.2 | 0.1 | 4900 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 360 | 10 | 0.05 | 0.05 | 400 | 500 | 0.5 | 0.25 | 0.0159 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.2 | 4700 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 1.4 | 10 | 10 | 0.25 | 0.05 | 300 | 400 | 0.9 | 0.25 | 0.000908 | 0.25 | 0.25 | 0.3 | 0.8 | 150 | 150 | 0.25 | 0.25 | 4300 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.6 | 130 | 10 | 0.12 | 0.05 | 330 | 470 | 0.7 | 0.25 | 0.0057 | 0.25 | 0.25 | 0.3 | 0.47 | 400 | 150 | 0.18 | 0.18 | 4600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 300 | 500 | 0.7 | 0.25 | 0.000908 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.2 | 0.2 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.7 | 200 | 0 | 0.12 | 0 | 60 | 60 | 0.2 | 0 | 0.0089 | 0 | 0 | 0 | 0.29 | 500 | 0 | 0.08 | 0.08 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 300 | 400 | 0.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.1 | 4300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 1.4 | 360 | 10 | 0.25 | 0.05 | 400 | 500 | 0.9 | 0.25 | 0.0159 | 0.25 | 0.25 | 0.3 | 0.8 | 1000 | 150 | 0.25 | 0.25 | 4900 | 0.025 | 0.025 |
| | % of values undetected | 100% | 67% | 67% | 100% | 100% | 100% | | | | 100% | 33% | 100% | 100% | 100% | 67% | 100% | 100% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | 3 | 3 | 3 | | 1 | | | | 1 | | | 2 | 2 | | | |
| SP88 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 0.25 | 0.8 | 40 | 20 | 0.05 | 0.05 | 100 | 300 | 1.3 | 0.25 | 0.0025 | 5.2 | 5.2 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 200 | 300 | 0.25 | 0.25 | 0.000815 | 5.8 | 6 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3100 | 0.025 | 0.025 |
| | 10/23/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 200 | 300 | 0.25 | 0.25 | 0.0025 | 5.7 | 6.6 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.25 | 3200 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.43 | 20 | 13 | 0.05 | 0.05 | 170 | 300 | 0.6 | 0.25 | 0.0019 | 5.6 | 5.9 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.12 | 3100 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 200 | 300 | 0.25 | 0.25 | 0.0025 | 5.7 | 6 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3100 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0.32 | 17 | 6 | 0 | 0 | 60 | 0 | 0.6 | 0 | 0.001 | 0.3 | 0.7 | 0 | 0 | 500 | 0 | 0 | 0.12 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.000815 | 5.2 | 5.2 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 2900 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.8 | 40 | 20 | 0.05 | 0.05 | 200 | 300 | 1.3 | 0.25 | 0.0025 | 5.8 | 6.6 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.25 | 3200 | 0.025 | 0.025 |
| | % of values undetected | 100% | 67% | 67% | 67% | 100% | 100% | 33% | | 67% | 100% | 67% | | | 100% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | 1 | 1 | | | 2 | 3 | 1 | | 1 | | | | | | | | | | | |
| SP89 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 1000 | 0.25 | 0.25 | 0.000169 | 0.8 | 0.7 | 0.3 | 0.3 | 1000 | 150 | 0.1 | 0.05 | 4500 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 400 | 300 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | 10/25/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 700 | 300 | 0.05 | 0.05 | 4700 | 0.05 | 0.025 |
| | Mean | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.12 | 830 | 1000 | 0.25 | 0.25 | 0.000169 | 1.3 | 1.2 | 0.3 | 0.3 | 700 | 250 | 0.07 | 0.05 | 4600 | 0.033 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 1000 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 700 | 300 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 0 | 0 | 0 | 0.12 | 60 | 100 | 0 | 0 | 0 | 0.4 | 0.5 | 0 | 0 | 300 | 90 | 0.03 | 0 | 100 | 0.014 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.8 | 0.7 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 4500 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.25 | 900 | 1000 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 300 | 0.1 | 0.05 | 4700 | 0.05 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 67% | 67% | 100% | 100% | 33% | 67% | 67% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 2 | | | | 1 | 1 | | | 2 | 1 | 1 | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP87 | | | | | | | | | | | |
| | 08/05/07 | 1900 | 1900 | 0.2 | 0.2 | 0.05 | 0.05 | 0.1 | 0.1 | 14 | 14 |
| | 09/08/07 | 1900 | 1900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 14 | 14 |
| | 10/23/07 | 1600 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 13 | 14 |
| | Mean | 1800 | 1900 | 0.17 | 0.17 | 0.05 | 0.05 | 0.1 | 0.23 | 14 | 14 |
| | Median | 1900 | 1900 | 0.2 | 0.2 | 0.05 | 0.05 | 0.1 | 0.1 | 14 | 14 |
| | St. Deviation | 200 | 100 | 0.1 | 0.1 | 0 | 0 | 0 | 0.23 | 1 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1600 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 13 | 14 |
| | Maximum | 1900 | 1900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 14 | 14 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 100% | 100% | | |
| | # of values between MDL and PQL | 3 | 3 | 1 | 1 | | | | | | |
| SP88 | | | | | | | | | | | |
| | 08/05/07 | 1400 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | 09/05/07 | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.1 | 5 | 1 |
| | 10/23/07 | 1000 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.1 | 2.3 | 1 |
| | Median | 1200 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.2 | 0.1 | 1 | 1 |
| | St. Deviation | 200 | 100 | 0 | 0 | 0 | 0 | 0.1 | 0 | 2.3 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1000 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1400 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 5 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 33% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 2 | | | |
| SP89 | | | | | | | | | | | |
| | 08/05/07 | 1900 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 09/05/07 | 1800 | 1900 | 0.25 | 0.6 | 0.05 | 0.05 | 0.1 | 0.1 | 5 | 5 |
| | 10/25/07 | 1700 | 1800 | 0.05 | 0.25 | 0.25 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 1800 | 1900 | 0.12 | 0.3 | 0.12 | 0.05 | 0.1 | 0.23 | 2.3 | 2.3 |
| | Median | 1800 | 1900 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.12 | 0.28 | 0.12 | 0 | 0 | 0.23 | 2.3 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1900 | 1900 | 0.25 | 0.6 | 0.25 | 0.05 | 0.1 | 0.5 | 5 | 5 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP90 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 7 | 19 | 30 | 2.5 | 1 | 0.11 | | | 0.04 | | 1.1 | 0.05 | 3.9 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 3.5 | 19 | 20 | 2.5 | 1 | 0.03 | | | 0.02 | | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 3.5 | 19 | 40 | 2.5 | 1 | 0.04 | | | 0.03 | | 0.7 | 0.05 | 0.25 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | Mean | 4.7 | 19 | 30 | 2.5 | 1 | 0.06 | NA | NA | 0.03 | NA | 0.9 | 0.05 | 1.6 | 0.011 | 0.0025 | 0.05 | 0.025 |
| | Median | 3.5 | 19 | 30 | 2.5 | 1 | 0.04 | NA | NA | 0.03 | NA | 0.9 | 0.05 | 0.7 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 0 | 10 | 0 | 0 | 0.04 | NA | NA | 0.01 | NA | 0.2 | 0 | 2 | 0.007 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3.5 | 19 | 20 | 2.5 | 1 | 0.03 | NA | NA | 0.02 | NA | 0.7 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 7 | 19 | 40 | 2.5 | 1 | 0.11 | NA | NA | 0.04 | NA | 1.1 | 0.05 | 3.9 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | 67% | | | 100% | 100% | | | | | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 2 | | | 3 | | 3 | | 1 | | | | |
| SP91 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 13 | 35 | 40 | 2.5 | 1 | 0.22 | | | 0.02 | | 0.8 | 0.05 | 0.7 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | 09/08/07 | 14 | 35 | 30 | 2.5 | 1 | 0.21 | | | 0.005 | | 0.8 | 0.05 | 0.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 14 | 35 | 40 | 2.5 | 5 | 0.10 | | | 0.01 | | 0.8 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 14 | 35 | 37 | 2.5 | 2.3 | 0.18 | NA | NA | 0.012 | NA | 0.8 | 0.05 | 0.58 | 0.007 | 0.0025 | 0.05 | 0.025 |
| | Median | 14 | 35 | 40 | 2.5 | 1 | 0.21 | NA | NA | 0.01 | NA | 0.8 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 0 | 6 | 0 | 2.3 | 0.07 | NA | NA | 0.008 | NA | 0 | 0 | 0.29 | 0.007 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 13 | 35 | 30 | 2.5 | 1 | 0.1 | NA | NA | 0.005 | NA | 0.8 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 14 | 35 | 40 | 2.5 | 5 | 0.22 | NA | NA | 0.02 | NA | 0.8 | 0.05 | 0.8 | 0.015 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 2 | | 3 | | 2 | | | | |
| SP92 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 33 | 78 | 60 | 2.5 | 1 | 0.03 | | | 0.01 | | 0.7 | 0.05 | 12.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 40 | 90 | 50 | 2.5 | 1 | 0.04 | | | 0.005 | | 0.9 | 0.05 | 16.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/26/07 | 31 | 76 | 60 | 2.5 | 1 | 0.01 | | | 0.005 | | 0.9 | 0.05 | 13.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 35 | 81 | 57 | 2.5 | 1 | 0.027 | NA | NA | 0.007 | NA | 0.83 | 0.05 | 14.4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 33 | 78 | 60 | 2.5 | 1 | 0.03 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 13.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 5 | 8 | 6 | 0 | 0 | 0.015 | NA | NA | 0.003 | NA | 0.12 | 0 | 2.1 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 31 | 76 | 50 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.7 | 0.05 | 12.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 40 | 90 | 60 | 2.5 | 1 | 0.04 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 16.8 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | | | | 100% | 100% | 33% | | | 67% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 2 | | | 1 | | 3 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP90 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 13 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 0.7 | | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.3 | 0.05 | 0.05 | 1900 | 2300 | 0.3 | 0.2 | 0.025 | 0.025 |
| | 09/08/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.7 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.05 | 0.05 | 2000 | 2400 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/26/07 | 37 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.2 | 0.05 | 0.05 | 1700 | 1900 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 19 | 4 | 0.2 | 0.2 | 0.25 | 0.25 | 1.1 | 2 | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.3 | 0.05 | 0.05 | 1900 | 2200 | 0.2 | 0.17 | 0.025 | 0.025 |
| | Median | 13 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.7 | 2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.3 | 0.05 | 0.05 | 1900 | 2300 | 0.25 | 0.2 | 0.025 | 0.025 |
| | St. Deviation | 16 | 2.6 | 0 | 0 | 0 | 0 | 0.7 | NA | 0 | 0 | 0 | 0 | 0.3 | 0.1 | 0 | 0 | 200 | 300 | 0.13 | 0.1 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.7 | 2 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.2 | 0.05 | 0.05 | 1700 | 1900 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 37 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.9 | 2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.4 | 0.05 | 0.05 | 2000 | 2400 | 0.3 | 0.25 | 0.025 | 0.025 |
| | % of values undetected | | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | 1 | | |
| SP91 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 13 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.3 | 0.05 | 0.05 | 3800 | 4200 | 0.3 | 0.3 | 0.025 | 0.025 |
| | 09/08/07 | 9 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.3 | 0.05 | 0.05 | 4300 | 4300 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/26/07 | 12 | 2.5 | 0.2 | 0.2 | 0.25 | 0.6 | 2.3 | | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.7 | 0.05 | 0.05 | 3900 | 4600 | 0.8 | 0.25 | 0.025 | 0.025 |
| | Mean | 11 | 5.5 | 0.2 | 0.2 | 0.25 | 0.37 | 1.4 | #DIV/0! | 0.05 | 0.05 | 20 | 20 | 1.2 | 1.4 | 0.05 | 0.05 | 4000 | 4400 | 0.38 | 0.2 | 0.025 | 0.025 |
| | Median | 12 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1 | #NUM! | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.3 | 0.05 | 0.05 | 3900 | 4300 | 0.3 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 2 | 2.8 | 0 | 0 | 0 | 0.2 | 0.8 | #DIV/0! | 0 | 0 | 0 | 0 | 0.4 | 0.2 | 0 | 0 | 300 | 200 | 0.38 | 0.13 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 9 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 0 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.3 | 0.05 | 0.05 | 3800 | 4200 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 13 | 8 | 0.2 | 0.2 | 0.25 | 0.6 | 2.3 | 0 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.7 | 0.05 | 0.05 | 4300 | 4600 | 0.8 | 0.3 | 0.025 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 100% | 67% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | 1 | | | | | | | 1 | | | | | | 1 | 1 | | |
| SP92 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 14 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.5 | 0.05 | 0.05 | 10900 | 10900 | 0.3 | 0.3 | 0.025 | 0.025 |
| | 09/05/07 | 10 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.4 | 2.7 | 0.05 | 0.05 | 20 | 20 | 1.4 | 0.5 | 0.05 | 0.05 | 12800 | 13200 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/26/07 | 16 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.4 | 0.05 | 0.05 | 10900 | 10600 | 0.6 | 0.25 | 0.025 | 0.025 |
| | Mean | 13 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.7 | 0.05 | 0.05 | 20 | 20 | 0.9 | 1.1 | 0.05 | 0.05 | 11500 | 11600 | 0.32 | 0.27 | 0.025 | 0.025 |
| | Median | 14 | 9 | 0.2 | 0.2 | 0.25 | 0.25 | 2.2 | 2.7 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.4 | 0.05 | 0.05 | 10900 | 10900 | 0.3 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 3 | 4 | 0 | 0 | 0 | 0 | 0.2 | NA | 0 | 0 | 0 | 0 | 0.5 | 0.6 | 0 | 0 | 1100 | 1400 | 0.28 | 0.03 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 10 | 7 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.7 | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 10900 | 10600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 16 | 14 | 0.2 | 0.2 | 0.25 | 0.25 | 2.4 | 2.7 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.5 | 0.05 | 0.05 | 12800 | 13200 | 0.6 | 0.3 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 33% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP90 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 1.1 | 0.25 | 60 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.5 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | 09/08/07 | 4.8 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 20 | 10 | 0.05 | 0.25 | 100 | 100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | Mean | 2.1 | 0.25 | 30 | 10 | 0.05 | 0.12 | 100 | 230 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.33 | 0.3 | 0.3 | 150 | 500 | 0.05 | 0.05 | 5000 | 0.025 | 0.025 |
| | Median | 1.1 | 0.25 | 20 | 10 | 0.05 | 0.05 | 100 | 300 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | St. Deviation | 2.4 | 0 | 26 | 0 | 0 | 0.12 | 0 | 120 | 0 | 0 | 0.00135 | 0 | 0.14 | 0 | 0 | 0 | 400 | 0 | 0 | 100 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 100 | 100 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4900 | 0.025 | 0.025 |
| | Maximum | 4.8 | 0.25 | 60 | 10 | 0.05 | 0.25 | 100 | 300 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.5 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 5100 | 0.025 | 0.025 |
| | % of values undetected | 33% | 100% | 33% | 100% | 100% | 100% | 100% | 33% | 100% | 100% | 100% | 100% | 67% | 100% | 100% | 100% | 67% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | | 1 | | | | | 2 | | | | | 1 | | | | 1 | | | | | |
| SP91 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | 09/08/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 6300 | 0.025 | 0.025 |
| | 10/26/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 1.5 | 0.3 | 0.3 | 600 | 300 | 0.05 | 0.05 | 6700 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 15 | 10 | 0.05 | 0.05 | 530 | 700 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.7 | 0.3 | 0.3 | 600 | 500 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 600 | 300 | 0.05 | 0.05 | 6500 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 9 | 0 | 0 | 0 | 120 | 0 | 0 | 0 | 0.00135 | 0 | 0.7 | 0 | 0 | 400 | 400 | 0 | 0 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 400 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.05 | 6300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.0025 | 0.25 | 1.5 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 6700 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 3 | | | | | | | | 1 | 2 | | | | | |
| SP92 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 1.8 | 2 | 130 | 10 | 0.1 | 0.1 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 2.7 | 3 | 0.3 | 0.3 | 1000 | 1000 | 0.3 | 0.4 | 2900 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.05 | 1500 | 1600 | 0.25 | 0.25 | 0.000169 | 3.6 | 3.8 | 0.3 | 0.3 | 500 | 500 | 0.5 | 0.5 | 3300 | 0.025 | 0.025 |
| | 10/26/07 | 0.8 | 0.9 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000591 | 1.5 | 1.5 | 0.3 | 0.3 | 600 | 400 | 0.25 | 0.25 | 3000 | 0.025 | 0.025 |
| | Mean | 1 | 1.2 | 50 | 10 | 0.07 | 0.07 | 1300 | 1400 | 0.25 | 0.25 | 0.00109 | 2.6 | 2.8 | 0.3 | 0.3 | 700 | 600 | 0.35 | 0.38 | 3100 | 0.025 | 0.025 |
| | Median | 0.8 | 0.9 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.000591 | 2.7 | 3 | 0.3 | 0.3 | 600 | 500 | 0.3 | 0.4 | 3000 | 0.025 | 0.025 |
| | St. Deviation | 0.8 | 0.7 | 70 | 0 | 0.03 | 0.03 | 200 | 200 | 0 | 0 | 0.00124 | 1.1 | 1.2 | 0 | 0 | 300 | 300 | 0.13 | 0.13 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.8 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 500 | 400 | 0.25 | 0.25 | 2900 | 0.025 | 0.025 |
| | Maximum | 1.8 | 2 | 130 | 10 | 0.1 | 0.1 | 1500 | 1600 | 0.25 | 0.25 | 0.0025 | 3.6 | 3.8 | 0.3 | 0.3 | 1000 | 1000 | 0.5 | 0.5 | 3300 | 0.025 | 0.025 |
| | % of values undetected | 33% | | 67% | 100% | 67% | 67% | | | 100% | 100% | 67% | 33% | 33% | 100% | 100% | 33% | 33% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 2 | 3 | | | 1 | 1 | | | | | 1 | 1 | | | | 2 | 2 | 1 | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP90 | | | | | | | | | | | |
| | 08/06/07 | 1700 | 1800 | 0.05 | 0.3 | 0.05 | 0.05 | 0.1 | 0.1 | 2 | 3 |
| | 09/08/07 | 1900 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | 10/26/07 | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | Mean | 1800 | 1800 | 0.05 | 0.13 | 0.05 | 0.05 | 0.23 | 0.1 | 1.3 | 3 |
| | Median | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 3 |
| | St. Deviation | 100 | 100 | 0 | 0.14 | 0 | 0 | 0.23 | 0 | 0.6 | 2 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1700 | 1800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1900 | 1900 | 0.05 | 0.3 | 0.05 | 0.05 | 0.5 | 0.1 | 2 | 5 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | 100% | 100% | 67% | 67% |
| | # of values between MDL and PQL | 3 | 3 | | 1 | | | | | 1 | 1 |
| SP91 | | | | | | | | | | | |
| | 08/06/07 | 2100 | 2200 | 0.05 | 0.1 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | 09/08/07 | 2300 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 5 |
| | 10/26/07 | 2200 | 2300 | 0.6 | 0.6 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 2200 | 2200 | 0.23 | 0.25 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 2.3 |
| | Median | 2200 | 2200 | 0.05 | 0.1 | 0.05 | 0.05 | 0.3 | 0.1 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.32 | 0.3 | 0 | 0 | 0.2 | 0 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 2300 | 2300 | 0.6 | 0.6 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | % of values undetected | | | 67% | 33% | 100% | 100% | 67% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | 1 | | | |
| SP92 | | | | | | | | | | | |
| | 08/06/07 | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 10 | 7 |
| | 09/05/07 | 1700 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.2 | 17 | 5 |
| | 10/26/07 | 1500 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 13 | 13 |
| | Mean | 1600 | 1600 | 0.12 | 0.12 | 0.05 | 0.05 | 0.1 | 0.13 | 13 | 8 |
| | Median | 1500 | 1600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 13 | 7 |
| | St. Deviation | 100 | 200 | 0.12 | 0.12 | 0 | 0 | 0 | 0.06 | 4 | 4 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1500 | 1500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 10 | 5 |
| | Maximum | 1700 | 1800 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.2 | 17 | 13 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | | 33% |
| | # of values between MDL and PQL | 3 | 3 | | | | | | 1 | | 1 |

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| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP93 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 19 | 48 | 30 | 2.5 | 1 | 0.13 | | | 0.03 | | 0.9 | 0.05 | 3.6 | 0.0025 | 0.025 | 0.05 | 0.025 |
| | 09/04/07 | 20 | 48 | 30 | 2.5 | 1 | 0.13 | | | 0.02 | | 1.5 | 0.05 | 4.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/22/07 | 22 | 51 | 30 | 2.5 | 1 | 0.19 | | | 0.005 | | 0.9 | 0.05 | 5.2 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 20 | 49 | 30 | 2.5 | 1 | 0.15 | NA | NA | 0.018 | NA | 1.1 | 0.05 | 4.5 | 0.0025 | 0.01 | 0.05 | 0.07 |
| | Median | 20 | 48 | 30 | 2.5 | 1 | 0.13 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 4.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2 | 2 | 0 | 0 | 0 | 0.03 | NA | NA | 0.013 | NA | 0.3 | 0 | 0.8 | 0 | 0.013 | 0 | 0.07 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 19 | 48 | 30 | 2.5 | 1 | 0.13 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 3.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 22 | 51 | 30 | 2.5 | 1 | 0.19 | NA | NA | 0.03 | NA | 1.5 | 0.05 | 5.2 | 0.0025 | 0.025 | 0.05 | 0.15 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | 2 | | 3 | | | | | | |
| SP94 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 15 | 41 | 30 | 2.5 | 1 | 0.67 | | | 0.03 | | 0.6 | 0.05 | 5.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 18 | 44 | 40 | 2.5 | 1 | 0.01 | | | 0.005 | | 4.6 | 0.05 | 4.0 | 0.0025 | 0.0025 | 0.05 | 0.06 |
| | 10/22/07 | 19 | 48 | 30 | 2.5 | 1 | 0.03 | | | 0.02 | | 0.8 | 0.05 | 9.5 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 17 | 44 | 33 | 2.5 | 1 | 0.24 | NA | NA | 0.018 | NA | 2 | 0.05 | 6.5 | 0.0025 | 0.0025 | 0.05 | 0.08 |
| | Median | 18 | 44 | 30 | 2.5 | 1 | 0.03 | NA | NA | 0.02 | NA | 0.8 | 0.05 | 5.9 | 0.0025 | 0.0025 | 0.05 | 0.06 |
| | St. Deviation | 2 | 4 | 6 | 0 | 0 | 0.38 | NA | NA | 0.013 | NA | 2.3 | 0 | 2.8 | 0 | 0 | 0 | 0.06 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 15 | 41 | 30 | 2.5 | 1 | 0.01 | NA | NA | 0.005 | NA | 0.6 | 0.05 | 4 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 19 | 48 | 40 | 2.5 | 1 | 0.67 | NA | NA | 0.03 | NA | 4.6 | 0.05 | 9.5 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | % of values undetected | | | | 100% | 100% | 33% | | | 33% | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 1 | | | 2 | | 2 | | | | | | 1 |
| SP95 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 22 | 57 | 50 | 2.5 | 1 | 0.06 | | | 0.03 | | 0.9 | 0.05 | 7.0 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 23 | 57 | 40 | 2.5 | 1 | 0.04 | | | 0.005 | | 1.0 | 0.05 | 7.1 | 0.0025 | 0.0025 | 0.05 | 0.08 |
| | 10/22/07 | 21 | 56 | 40 | 2.5 | 1 | 0.07 | | | 0.02 | | 0.9 | 0.05 | 7.4 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 22 | 57 | 43 | 2.5 | 1 | 0.057 | NA | NA | 0.018 | NA | 0.9 | 0.05 | 7.2 | 0.0025 | 0.0025 | 0.05 | 0.09 |
| | Median | 22 | 57 | 40 | 2.5 | 1 | 0.06 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 7.1 | 0.0025 | 0.0025 | 0.05 | 0.08 |
| | St. Deviation | 1 | 1 | 6 | 0 | 0 | 0.015 | NA | NA | 0.013 | NA | 0.1 | 0 | 0.2 | 0 | 0 | 0 | 0.06 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 21 | 56 | 40 | 2.5 | 1 | 0.04 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 23 | 57 | 50 | 2.5 | 1 | 0.07 | NA | NA | 0.03 | NA | 1 | 0.05 | 7.4 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | % of values undetected | | | | 100% | 100% | | | | 33% | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 3 | | | 2 | | 3 | | | | | | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP93 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 8 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.7 | 0.05 | 0.05 | 5900 | 6200 | 0.3 | 0.4 | 0.025 | 0.025 |
| | 09/04/07 | 9 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 0.5 | 0.5 | 0.05 | 0.05 | 6600 | 6700 | 0.05 | 0.05 | 0.05 | 0.025 |
| | 10/22/07 | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.1 | 0.05 | 0.05 | 6600 | 7200 | 0.25 | 0.05 | 0.025 | 0.025 |
| | Mean | 7.7 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 0.9 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.52 | 1.1 | 0.05 | 0.05 | 6400 | 6700 | 0.2 | 0.17 | 0.033 | 0.025 |
| | Median | 8 | 8 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.1 | 0.05 | 0.05 | 6600 | 6700 | 0.25 | 0.05 | 0.025 | 0.025 |
| | St. Deviation | 1.5 | 5 | 0 | 0 | 0 | 0 | 0.6 | NA | 0 | 0 | 0 | 0 | 0.28 | 0.6 | 0 | 0 | 400 | 500 | 0.13 | 0.2 | 0.014 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 5900 | 6200 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 9 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | 0.8 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.7 | 0.05 | 0.05 | 6600 | 7200 | 0.3 | 0.4 | 0.05 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | 100% | 100% | 67% | 33% | 100% | 100% | | | 67% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | 1 | 1 | |
| SP94 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 7 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 0.9 | 0.05 | 0.05 | 20 | 20 | 0.9 | 1.1 | 0.05 | 0.05 | 4600 | 4900 | 0.2 | 0.4 | 0.025 | 0.025 |
| | 09/04/07 | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.7 | 0.5 | 0.05 | 0.05 | 5500 | 5900 | 0.25 | 0.05 | 0.025 | 0.025 |
| | 10/22/07 | 32 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.3 | 0.05 | 0.05 | 5400 | 6100 | 0.25 | 0.05 | 0.025 | 0.025 |
| | Mean | 16 | 3.7 | 0.2 | 0.2 | 0.25 | 0.25 | 1.1 | 0.9 | 0.05 | 0.05 | 20 | 20 | 1 | 1 | 0.05 | 0.05 | 5200 | 5600 | 0.23 | 0.17 | 0.025 | 0.025 |
| | Median | 8 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.4 | 0.9 | 0.05 | 0.05 | 20 | 20 | 0.9 | 1.1 | 0.05 | 0.05 | 5400 | 5900 | 0.25 | 0.05 | 0.025 | 0.025 |
| | St. Deviation | 14 | 2 | 0 | 0 | 0 | 0 | 0.8 | NA | 0 | 0 | 0 | 0 | 0.7 | 0.4 | 0 | 0 | 500 | 600 | 0.03 | 0.2 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0.9 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 4600 | 4900 | 0.2 | 0.05 | 0.025 | 0.025 |
| | Maximum | 32 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 0.9 | 0.05 | 0.05 | 20 | 20 | 1.7 | 1.3 | 0.05 | 0.05 | 5500 | 6100 | 0.25 | 0.4 | 0.025 | 0.025 |
| | % of values undetected | | 67% | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | 1 | | |
| SP95 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 7 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.7 | 0.05 | 0.05 | 6500 | 6700 | 0.4 | 0.2 | 0.025 | 0.025 |
| | 09/04/07 | 14 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1.5 | 0.5 | 0.05 | 0.05 | 6600 | 7200 | 0.25 | 0.05 | 0.025 | 0.025 |
| | 10/22/07 | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.7 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.2 | 0.05 | 0.05 | 6400 | 6600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 8 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 2.1 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1 | 1.1 | 0.05 | 0.05 | 6500 | 6800 | 0.3 | 0.17 | 0.025 | 0.025 |
| | Median | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.8 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1.1 | 1.2 | 0.05 | 0.05 | 6500 | 6700 | 0.25 | 0.2 | 0.025 | 0.025 |
| | St. Deviation | 6 | 5 | 0 | 0 | 0 | 0 | 0.6 | NA | 0 | 0 | 0 | 0 | 0.6 | 0.6 | 0 | 0 | 100 | 300 | 0.09 | 0.1 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2.5 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.7 | 2.2 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 6400 | 6600 | 0.25 | 0.05 | 0.025 | 0.025 |
| | Maximum | 14 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 2.7 | 2.2 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.7 | 0.05 | 0.05 | 6600 | 7200 | 0.4 | 0.25 | 0.025 | 0.025 |
| | % of values undetected | 33% | 67% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP93 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 0.5 | 0.6 | 25 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.6 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.1 | 0.2 | 4700 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.2 | 0.2 | 5100 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 4700 | 0.025 | 0.025 |
| | Mean | 0.33 | 0.37 | 20 | 10 | 0.05 | 0.05 | 770 | 830 | 0.25 | 0.37 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.18 | 0.22 | 4800 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 800 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.2 | 0.2 | 4700 | 0.025 | 0.025 |
| | St. Deviation | 0.14 | 0.2 | 9 | 0 | 0 | 0 | 60 | 60 | 0 | 0.2 | 0.00135 | 0 | 0 | 0 | 0 | 500 | 500 | 0.08 | 0.03 | 200 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 700 | 800 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.1 | 0.2 | 4700 | 0.025 | 0.025 |
| | Maximum | 0.5 | 0.6 | 25 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.6 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 1000 | 0.25 | 0.25 | 5100 | 0.025 | 0.025 |
| | % of values undetected | 67% | 67% | 100% | 100% | 100% | 100% | | | 100% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | 3 | 3 | | 1 | | | | | | | | 2 | 2 | | | |
| SP94 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 0.8 | 0.6 | 170 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.1 | 4300 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 4900 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.25 | 800 | 900 | 1.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 4400 | 0.025 | 0.025 |
| | Mean | 0.43 | 0.37 | 70 | 10 | 0.05 | 0.12 | 730 | 830 | 0.7 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 400 | 0.12 | 0.15 | 4500 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 4400 | 0.025 | 0.025 |
| | St. Deviation | 0.32 | 0.2 | 80 | 0 | 0 | 0.12 | 120 | 120 | 0.7 | 0 | 0 | 0 | 0 | 0 | 500 | 500 | 0.12 | 0.09 | 300 | 0 | 0 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 600 | 700 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 4300 | 0.025 | 0.025 |
| | Maximum | 0.8 | 0.6 | 170 | 10 | 0.05 | 0.25 | 800 | 900 | 1.5 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.25 | 0.25 | 4900 | 0.025 | 0.025 |
| | % of values undetected | 67% | 67% | 67% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | 3 | 3 | | | | | | | | | | | 2 | | | |
| SP95 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.1 | 0.2 | 6400 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.2 | 6900 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.25 | 0.25 | 6500 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 60 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.00095 | 0.25 | 0.25 | 0.3 | 0.3 | 500 | 400 | 0.13 | 0.22 | 6600 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 400 | 150 | 0.1 | 0.2 | 6500 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 70 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0.00135 | 0 | 0 | 0 | 0 | 400 | 500 | 0.1 | 0.03 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1100 | 1200 | 0.25 | 0.25 | 0.000169 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.2 | 6400 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 1200 | 1200 | 0.25 | 0.25 | 0.0025 | 0.25 | 0.25 | 0.3 | 0.3 | 1000 | 1000 | 0.25 | 0.25 | 6900 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 67% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 67% | 100% | 67% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | 1 | | 1 | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP93 | | | | | | | | | | | |
| | 08/06/07 | 2100 | 2200 | 0.3 | 0.1 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | 09/04/07 | 2200 | 2300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.7 | 1 | 1 |
| | 10/22/07 | 2200 | 2400 | 0.05 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2200 | 2300 | 0.13 | 0.13 | 0.05 | 0.05 | 0.23 | 0.57 | 1 | 1 |
| | Median | 2200 | 2300 | 0.05 | 0.1 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | St. Deviation | 100 | 100 | 0.14 | 0.1 | 0 | 0 | 0.23 | 0.12 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2100 | 2200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Maximum | 2200 | 2400 | 0.3 | 0.25 | 0.05 | 0.05 | 0.5 | 0.7 | 1 | 1 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 100% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 1 | | | | 2 | | |
| SP94 | | | | | | | | | | | |
| | 08/06/07 | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 6 | 2 |
| | 09/04/07 | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | 10/22/07 | 1800 | 2000 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Mean | 1700 | 1900 | 0.12 | 0.12 | 0.05 | 0.05 | 0.23 | 0.23 | 2.7 | 2.7 |
| | Median | 1800 | 1900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2 |
| | St. Deviation | 100 | 200 | 0.12 | 0.12 | 0 | 0 | 0.23 | 0.23 | 2.9 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1600 | 1700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 1 |
| | Maximum | 1800 | 2000 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.5 | 6 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 67% | 67% | 67% |
| | # of values between MDL and PQL | 3 | 2 | | | | | | 1 | 1 | 1 |
| SP95 | | | | | | | | | | | |
| | 08/06/07 | 2700 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 3 | 2 |
| | 09/04/07 | 2700 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.6 | 1 | 5 |
| | 10/22/07 | 2700 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2700 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.23 | 0.43 | 1.7 | 2.7 |
| | Median | 2700 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 2 |
| | St. Deviation | 0 | 100 | 0 | 0 | 0 | 0 | 0.23 | 0.21 | 1.2 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2700 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.2 | 1 | 1 |
| | Maximum | 2700 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.6 | 3 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 33% | 67% | 67% |
| | # of values between MDL and PQL | | | | | | | | 2 | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP96 | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 41 | 93 | 60 | 2.5 | 1 | 0.14 | | | 0.02 | | 1.0 | 0.05 | 4.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 43 | 92 | 60 | 2.5 | 1 | 0.13 | | | 0.02 | | 1.1 | 0.05 | 5.2 | 0.0025 | 0.0025 | 0.05 | 0.11 |
| | 10/22/07 | 41 | 94 | 60 | 2.5 | 1 | 0.09 | | | 0.02 | | 1.0 | 0.05 | 5.6 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 42 | 93 | 60 | 2.5 | 1 | 0.12 | NA | NA | 0.02 | NA | 1 | 0.05 | 5.1 | 0.0025 | 0.0025 | 0.05 | 0.1 |
| | Median | 41 | 93 | 60 | 2.5 | 1 | 0.13 | NA | NA | 0.02 | NA | 1 | 0.05 | 5.2 | 0.0025 | 0.0025 | 0.05 | 0.11 |
| | St. Deviation | 1 | 1 | 0 | 0 | 0 | 0.03 | NA | NA | 0 | NA | 0.1 | 0 | 0.5 | 0 | 0 | 0 | 0.06 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 41 | 92 | 60 | 2.5 | 1 | 0.09 | NA | NA | 0.02 | NA | 1 | 0.05 | 4.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 43 | 94 | 60 | 2.5 | 1 | 0.14 | NA | NA | 0.02 | NA | 1.1 | 0.05 | 5.6 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 1 | | | 3 | | 3 | | | | | | 1 |
| SP97 | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 31 | 72 | 40 | 2.5 | 1 | 0.10 | | | 0.03 | | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 32 | 70 | 50 | 2.5 | 1 | 0.09 | | | 0.02 | | 1.0 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.18 |
| | 10/22/07 | 29 | 65 | 50 | 2.5 | 1 | 0.08 | | | 0.02 | | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 31 | 69 | 47 | 2.5 | 1 | 0.09 | NA | NA | 0.023 | NA | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.12 |
| | Median | 31 | 70 | 50 | 2.5 | 1 | 0.09 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | St. Deviation | 2 | 4 | 6 | 0 | 0 | 0.01 | NA | NA | 0.006 | NA | 0.1 | 0 | 0.1 | 0 | 0 | 0 | 0.08 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 29 | 65 | 40 | 2.5 | 1 | 0.08 | NA | NA | 0.02 | NA | 0.9 | 0.05 | 1.3 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 32 | 72 | 50 | 2.5 | 1 | 0.1 | NA | NA | 0.03 | NA | 1 | 0.05 | 1.4 | 0.0025 | 0.0025 | 0.05 | 0.18 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 2 | | | 3 | | 3 | | 3 | | | | 1 |
| SP98 | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 17 | 42 | 20 | 2.5 | 1 | 0.04 | | | 0.05 | | 0.8 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/04/07 | 18 | 42 | 60 | 2.5 | 1 | 0.16 | | | 0.04 | | 8.5 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.12 |
| | 10/22/07 | 16 | 40 | 30 | 2.5 | 1 | 0.03 | | | 0.05 | | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 17 | 41 | 37 | 2.5 | 1 | 0.08 | NA | NA | 0.047 | NA | 3.4 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.06 |
| | Median | 17 | 42 | 30 | 2.5 | 1 | 0.04 | NA | NA | 0.05 | NA | 0.8 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 1 | 1 | 21 | 0 | 0 | 0.07 | NA | NA | 0.006 | NA | 4.4 | 0 | 0.3 | 0 | 0 | 0 | 0.05 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 16 | 40 | 20 | 2.5 | 1 | 0.03 | NA | NA | 0.04 | NA | 0.8 | 0.05 | 0.6 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 18 | 42 | 60 | 2.5 | 1 | 0.16 | NA | NA | 0.05 | NA | 8.5 | 0.05 | 1.1 | 0.0025 | 0.0025 | 0.05 | 0.12 |
| | % of values undetected | | | | 100% | 100% | | | | | | | 100% | | 100% | 100% | 100% | 67% |
| | # of values between MDL and PQL | | | | | | 2 | | | 1 | | 2 | | 3 | | | | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP96 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 6 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 2.7 | 3.1 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.5 | 0.05 | 0.05 | 13200 | 14000 | 0.3 | 0.3 | 0.025 | 0.025 |
| | 09/04/07 | 15 | 2.5 | 0.2 | 0.2 | 0.7 | 0.25 | 2.8 | 3.2 | 0.05 | 0.05 | 20 | 20 | 1.5 | 0.5 | 0.05 | 0.05 | 14300 | 14800 | 0.05 | 0.05 | 0.12 | 0.09 |
| | 10/22/07 | 8 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 3.3 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.3 | 0.05 | 0.05 | 13800 | 14400 | 0.25 | 0.05 | 0.05 | 0.025 |
| | Mean | 10 | 8 | 0.2 | 0.2 | 0.4 | 0.25 | 2.9 | 3.2 | 0.05 | 0.05 | 20 | 20 | 0.8 | 1.1 | 0.05 | 0.05 | 13800 | 14400 | 0.2 | 0.13 | 0.07 | 0.047 |
| | Median | 8 | 10 | 0.2 | 0.2 | 0.25 | 0.25 | 2.8 | 3.15 | 0.05 | 0.05 | 20 | 20 | 0.7 | 1.3 | 0.05 | 0.05 | 13800 | 14400 | 0.25 | 0.05 | 0.05 | 0.025 |
| | St. Deviation | 5 | 5 | 0 | 0 | 0.26 | 0 | 0.3 | 0.1 | 0 | 0 | 0 | 0 | 0.6 | 0.5 | 0 | 0 | 600 | 400 | 0.13 | 0.14 | 0.05 | 0.038 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 6 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 2.7 | 3.1 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 13200 | 14000 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 15 | 11 | 0.2 | 0.2 | 0.7 | 0.25 | 3.3 | 3.2 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.5 | 0.05 | 0.05 | 14300 | 14800 | 0.3 | 0.3 | 0.12 | 0.09 |
| | % of values undetected | | 33% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% | | | 67% | 67% | 33% | 67% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | 1 | | | | | | 1 | 1 | 2 | 1 |
| SP97 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 11 | 11 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 2.2 | 0.05 | 0.05 | 9300 | 9500 | 0.7 | 0.4 | 0.025 | 0.025 |
| | 09/04/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.2 | 0.05 | 0.05 | 9200 | 9700 | 0.05 | 0.25 | 0.08 | 0.025 |
| | 10/22/07 | 10 | 6 | 0.2 | 0.2 | 0.5 | 0.25 | 2.2 | | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.5 | 0.05 | 0.05 | 7800 | 8700 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 9 | 7 | 0.2 | 0.2 | 0.33 | 0.25 | 1.6 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1 | 1.6 | 0.05 | 0.05 | 8800 | 9300 | 0.33 | 0.3 | 0.043 | 0.025 |
| | Median | 10 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 1.3 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 9200 | 9500 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 2 | 4 | 0 | 0 | 0.14 | 0 | 0.6 | NA | 0 | 0 | 0 | 0 | 0.6 | 0.5 | 0 | 0 | 800 | 500 | 0.33 | 0.09 | 0.032 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 1.2 | 1.8 | 0.05 | 0.05 | 20 | 20 | 0.25 | 1.2 | 0.05 | 0.05 | 7800 | 8700 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 11 | 11 | 0.2 | 0.2 | 0.5 | 0.25 | 2.2 | 1.8 | 0.05 | 0.05 | 20 | 20 | 1.3 | 2.2 | 0.05 | 0.05 | 9300 | 9700 | 0.7 | 0.4 | 0.08 | 0.025 |
| | % of values undetected | | 33% | 100% | 100% | 67% | 100% | | | 100% | 100% | 100% | 100% | 33% | | 100% | 100% | | | 67% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | | | | | | | | | 1 | 1 | | |
| SP98 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 17 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.8 | 0.05 | 0.05 | 5100 | 5300 | 0.7 | 0.5 | 0.025 | 0.025 |
| | 09/04/07 | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 5100 | 5500 | 0.05 | 0.05 | 0.025 | 0.025 |
| | 10/22/07 | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 4400 | 4900 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Mean | 11 | 6 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | #DIV/0! | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.3 | 0.05 | 0.05 | 4900 | 5200 | 0.27 | 0.27 | 0.025 | 0.025 |
| | Median | 10 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | #NUM! | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.5 | 0.05 | 0.05 | 5100 | 5300 | 0.05 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 5 | 5 | 0 | 0 | 0 | 0 | 0 | #DIV/0! | 0 | 0 | 0 | 0 | 0.1 | 0.7 | 0 | 0 | 400 | 300 | 0.38 | 0.23 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 7 | 2.5 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0 | 0.05 | 0.05 | 20 | 20 | 1.2 | 0.5 | 0.05 | 0.05 | 4400 | 4900 | 0.05 | 0.05 | 0.025 | 0.025 |
| | Maximum | 17 | 12 | 0.2 | 0.2 | 0.25 | 0.25 | 0.25 | 0 | 0.05 | 0.05 | 20 | 20 | 1.3 | 1.8 | 0.05 | 0.05 | 5100 | 5500 | 0.7 | 0.5 | 0.025 | 0.025 |
| | % of values undetected | | 67% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% | 100% | 100% | | 33% | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP96 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/06/07 | 0.25 | 0.25 | 110 | 10 | 0.05 | 0.05 | 1200 | 1400 | 0.25 | 0.25 | 0.0025 | 0.6 | 0.7 | 0.3 | 0.3 | 150 | 1000 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 1.5 | 1.5 | 150 | 150 | 0.05 | 0.1 | 4800 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1300 | 1300 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 1.5 | 150 | 150 | 0.25 | 0.25 | 4400 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 50 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 1.2 | 1.2 | 0.7 | 1.1 | 150 | 400 | 0.12 | 0.13 | 4500 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 1.5 | 150 | 150 | 0.05 | 0.1 | 4400 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 50 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 0.5 | 0.5 | 0.7 | 0.7 | 0 | 500 | 0.12 | 0.1 | 300 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1200 | 1300 | 0.25 | 0.25 | 0.0025 | 0.6 | 0.7 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 4300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 110 | 10 | 0.05 | 0.05 | 1300 | 1400 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 1.5 | 1.5 | 150 | 1000 | 0.25 | 0.25 | 4800 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 67% | 100% | 100% | 100% | | | 100% | 100% | 100% | 67% | 67% | 100% | 67% | 100% | 100% | 100% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | 1 | | 1 | | | | | 1 | | |
| SP97 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1700 | 1700 | 0.25 | 0.25 | 0.0025 | 4.1 | 4.4 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1700 | 1800 | 0.25 | 0.25 | 0.0025 | 4 | 4.4 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 7200 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1500 | 1700 | 0.25 | 0.25 | 0.000169 | 3.9 | 3.9 | 0.3 | 0.3 | 150 | 300 | 0.05 | 0.25 | 6300 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 15 | 10 | 0.05 | 0.05 | 1600 | 1700 | 0.25 | 0.25 | 0.0017 | 4 | 4.2 | 0.3 | 0.3 | 400 | 200 | 0.05 | 0.13 | 6500 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1700 | 1700 | 0.25 | 0.25 | 0.0025 | 4 | 4.4 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.1 | 6300 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 9 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0.0013 | 0.1 | 0.3 | 0 | 0 | 500 | 90 | 0 | 0.1 | 700 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 1500 | 1700 | 0.25 | 0.25 | 0.000169 | 3.9 | 3.9 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 5900 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 1700 | 1800 | 0.25 | 0.25 | 0.0025 | 4.1 | 4.4 | 0.3 | 0.3 | 1000 | 300 | 0.05 | 0.25 | 7200 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | | | 100% | 100% | 100% | 67% | 100% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | 1 | | | 1 | | | |
| SP98 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.5 | 0.25 | 0.0025 | 0.7 | 0.7 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 7300 | 0.025 | 0.025 |
| | 09/04/07 | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 8500 | 0.025 | 0.025 |
| | 10/22/07 | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 7900 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 15 | 10 | 0.05 | 0.05 | 830 | 900 | 0.33 | 0.25 | 0.0017 | 1.2 | 1.2 | 0.3 | 0.3 | 700 | 400 | 0.05 | 0.05 | 7900 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 7900 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 9 | 0 | 0 | 0 | 60 | 100 | 0.14 | 0 | 0.0013 | 0.5 | 0.5 | 0 | 0 | 500 | 500 | 0 | 0 | 600 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 10 | 10 | 0.05 | 0.05 | 800 | 900 | 0.25 | 0.25 | 0.000169 | 0.7 | 0.7 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 7300 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 25 | 10 | 0.05 | 0.05 | 900 | 1000 | 0.5 | 0.25 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 1000 | 0.05 | 0.05 | 8500 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | 100% | 100% | 100% | 100% | | | 67% | 100% | 100% | 67% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 3 | 2 | 1 | | | 1 | 1 | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP96 | | | | | | | | | | | |
| | 08/06/07 | 2800 | 3000 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.7 | 1 | 1 |
| | 09/04/07 | 3000 | 3300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.4 | 0.9 | 1 | 1 |
| | 10/22/07 | 2900 | 2900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Mean | 2900 | 3100 | 0.18 | 0.18 | 0.05 | 0.05 | 0.33 | 0.7 | 1 | 1 |
| | Median | 2900 | 3000 | 0.25 | 0.25 | 0.05 | 0.05 | 0.4 | 0.7 | 1 | 1 |
| | St. Deviation | 100 | 200 | 0.12 | 0.12 | 0 | 0 | 0.21 | 0.2 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2800 | 2900 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 1 |
| | Maximum | 3000 | 3300 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 0.9 | 1 | 1 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 1 | 2 | | |
| SP97 | | | | | | | | | | | |
| | 08/07/07 | 3200 | 3300 | 0.2 | 0.2 | 0.05 | 0.05 | 1.5 | 2.1 | 1 | 1 |
| | 09/04/07 | 3200 | 3500 | 0.05 | 0.05 | 0.05 | 0.05 | 1.3 | 2 | 1 | 1 |
| | 10/22/07 | 2900 | 3200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.8 | 1.9 | 1 | 1 |
| | Mean | 3100 | 3300 | 0.1 | 0.1 | 0.05 | 0.05 | 1.5 | 2 | 1 | 1 |
| | Median | 3200 | 3300 | 0.05 | 0.05 | 0.05 | 0.05 | 1.5 | 2 | 1 | 1 |
| | St. Deviation | 200 | 200 | 0.09 | 0.09 | 0 | 0 | 0.3 | 0.1 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2900 | 3200 | 0.05 | 0.05 | 0.05 | 0.05 | 1.3 | 1.9 | 1 | 1 |
| | Maximum | 3200 | 3500 | 0.2 | 0.2 | 0.05 | 0.05 | 1.8 | 2.1 | 1 | 1 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | | | 100% | 100% |
| | # of values between MDL and PQL | | | 1 | 1 | | | | | | |
| SP98 | | | | | | | | | | | |
| | 08/07/07 | 2500 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.8 | 0.5 | 1 | 1 |
| | 09/04/07 | 2500 | 2700 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 1.2 | 1 | 5 |
| | 10/22/07 | 2400 | 2500 | 0.25 | 0.25 | 0.05 | 0.05 | 0.5 | 1.2 | 1 | 5 |
| | Mean | 2500 | 2600 | 0.12 | 0.12 | 0.05 | 0.05 | 0.63 | 1 | 1 | 3.7 |
| | Median | 2500 | 2600 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 1.2 | 1 | 5 |
| | St. Deviation | 100 | 100 | 0.12 | 0.12 | 0 | 0 | 0.15 | 0.4 | 0 | 2.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2400 | 2500 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 1 |
| | Maximum | 2500 | 2700 | 0.25 | 0.25 | 0.05 | 0.05 | 0.8 | 1.2 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 33% | 33% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | 2 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SP99 | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 7 | 20 | 10 | 10 | 1 | 0.40 | | | 0.03 | | 1.0 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 09/05/07 | 8 | 18 | 10 | 2.5 | 1 | 0.36 | | | 0.005 | | 0.9 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | 10/27/07 | 3.5 | 18 | 20 | 2.5 | 1 | 0.23 | | | 0.01 | | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 6.2 | 19 | 13 | 5 | 1 | 0.33 | NA | NA | 0.015 | NA | 0.9 | 0.05 | 0.62 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Median | 7 | 18 | 10 | 2.5 | 1 | 0.36 | NA | NA | 0.01 | NA | 0.9 | 0.05 | 0.7 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | St. Deviation | 2.4 | 1 | 6 | 4 | 0 | 0.09 | NA | NA | 0.013 | NA | 0.1 | 0 | 0.33 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 0 | 0 | 3 | 0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3.5 | 18 | 10 | 2.5 | 1 | 0.23 | NA | NA | 0.005 | NA | 0.9 | 0.05 | 0.25 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Maximum | 8 | 20 | 20 | 10 | 1 | 0.4 | NA | NA | 0.03 | NA | 1 | 0.05 | 0.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | % of values undetected | 33% | | | 100% | 100% | | | | 33% | | | 100% | 33% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | 2 | | | | | | 2 | | 3 | | 2 | | | | |
| SRK01 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 49.3 | 110 | 106 | 28.0 | 18.5 | | | | | | 1.53 | 0.0890 | 33.6 | 0.00075 | 0.00075 | | |
| | 05/27/07 | 22.8 | 260 | 156 | 4.78 | 55.0 | 0.174 | | | 0.0395 | | 0.836 | 0.294 | 86.6 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/21/07 | 55 | 131 | 90 | 2.5 | 1 | 0.28 | | | 0.005 | | 0.9 | 0.05 | 37.4 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 42.4 | 170 | 117 | 12 | 25 | 0.23 | NA | NA | 0.022 | NA | 1.09 | 0.14 | 52.5 | 0.0013 | 0.0013 | 0.1 | 0.083 |
| | Median | 49.3 | 131 | 106 | 4.78 | 18.5 | 0.227 | NA | NA | 0.022 | NA | 0.9 | 0.09 | 37.4 | 0.00075 | 0.00075 | 0.1 | 0.083 |
| | St. Deviation | 17.2 | 80 | 34 | 14 | 28 | 0.07 | NA | NA | 0.024 | NA | 0.38 | 0.13 | 29.6 | 0.001 | 0.001 | 0.07 | 0.095 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | Minimum | 22.8 | 110 | 90 | 2.5 | 1 | 0.174 | NA | NA | 0.005 | NA | 0.836 | 0.05 | 33.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 55 | 260 | 156 | 28 | 55 | 0.28 | NA | NA | 0.0395 | NA | 1.53 | 0.294 | 86.6 | 0.0025 | 0.0025 | 0.155 | 0.15 |
| | % of values undetected | | | | 33% | 33% | | | | 75% | | | 33% | | 100% | 100% | 150% | 150% |
| | # of values between MDL and PQL | | | | | | | | | | 1 | 1 | | | | | | |
| SRK02 | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 21.9 | 50.0 | 56.3 | 18.0 | 4.75 | | | | | | 1.87 | 0.0850 | 5.60 | 0.00075 | 0.00075 | | |
| | 05/28/07 | 34.3 | 80.0 | 57.5 | 7.03 | 1.57 | 1.50 | | | 0.0314 | | 0.858 | 0.0570 | 7.39 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/27/07 | 34 | 77 | 40 | 2.5 | 1 | 0.77 | | | 0.005 | | 1.3 | 0.05 | 5.9 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 30.1 | 69 | 51.3 | 9 | 2.44 | 1.14 | NA | NA | 0.018 | NA | 1.34 | 0.064 | 6.3 | 0.0013 | 0.0013 | 0.10 | 0.02 |
| | Median | 34 | 77 | 56.3 | 7.03 | 1.57 | 1.135 | NA | NA | 0.018 | NA | 1.3 | 0.057 | 5.9 | 0.00075 | 0.00075 | 0.1025 | 0.02025 |
| | St. Deviation | 7.1 | 17 | 9.8 | 8 | 2.02 | 0.52 | NA | NA | 0.019 | NA | 0.51 | 0.019 | 1 | 0.001 | 0.001 | 0.07 | 0.01 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | Minimum | 21.9 | 50 | 40 | 2.5 | 1 | 0.77 | NA | NA | 0.005 | NA | 0.858 | 0.05 | 5.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 34.3 | 80 | 57.5 | 18 | 4.75 | 1.5 | NA | NA | 0.0314 | NA | 1.87 | 0.085 | 7.39 | 0.0025 | 0.0025 | 0.155 | 0.025 |
| | % of values undetected | | | | 33% | 67% | | | | 75% | | | 33% | | 100% | 100% | 150% | 150% |
| | # of values between MDL and PQL | | | | | 1 | | | | | 1 | 2 | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SP99 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 329 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 6.3 | 5.7 | 0.05 | 0.05 | 20 | 20 | 1 | 1.4 | 0.05 | 0.05 | 1900 | 2400 | 0.4 | 0.5 | 0.025 | 0.025 |
| | 09/05/07 | 53 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 4.6 | 4.8 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.1 | 0.05 | 0.05 | 1900 | 2500 | 0.05 | 0.25 | 0.025 | 0.025 |
| | 10/27/07 | 186 | 32 | 0.2 | 0.2 | 0.25 | 0.25 | 5.8 | 5.1 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.2 | 0.05 | 0.05 | 1600 | 1600 | 0.25 | 0.25 | 0.025 | 0.025 |
| | Mean | 189 | 25 | 0.2 | 0.2 | 0.25 | 0.25 | 5.6 | 5.2 | 0.05 | 0.05 | 20 | 20 | 1.4 | 1.2 | 0.05 | 0.05 | 1800 | 2200 | 0.23 | 0.33 | 0.025 | 0.025 |
| | Median | 186 | 23 | 0.2 | 0.2 | 0.25 | 0.25 | 5.8 | 5.1 | 0.05 | 0.05 | 20 | 20 | 1.5 | 1.2 | 0.05 | 0.05 | 1900 | 2400 | 0.25 | 0.25 | 0.025 | 0.025 |
| | St. Deviation | 138 | 6 | 0 | 0 | 0 | 0 | 0.9 | 0.5 | 0 | 0 | 0 | 0 | 0.3 | 0.2 | 0 | 0 | 200 | 500 | 0.18 | 0.14 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 53 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 4.6 | 4.8 | 0.05 | 0.05 | 20 | 20 | 1 | 1.1 | 0.05 | 0.05 | 1600 | 1600 | 0.05 | 0.25 | 0.025 | 0.025 |
| | Maximum | 329 | 32 | 0.2 | 0.2 | 0.25 | 0.25 | 6.3 | 5.7 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.4 | 0.05 | 0.05 | 1900 | 2500 | 0.4 | 0.5 | 0.025 | 0.025 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 100% | 100% | 100% | 100% | | | 100% | 100% | | | 67% | 67% | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | 1 | | | |
| SRK01 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 503 | 33.2 | 0.0240 | 0.0242 | 1.43 | 0.155 | 6.15 | 5.55 | 0.0125 | 0.0125 | 0.0502 | 0.0280 | 1.25 | 1.25 | 0.0185 | 0.0185 | 14300 | 15800 | 0.165 | 0.111 | 0.875 | 0.287 |
| | 05/27/07 | 6130 | 5730 | 0.121 | 0.0075 | 0.155 | 0.155 | 16.7 | 16.8 | 0.203 | 0.169 | 0.157 | 0.0075 | 1.25 | 1.25 | 0.299 | 0.281 | 4710 | 5280 | 0.359 | 0.050 | 17.3 | 16.6 |
| | 10/21/07 | 30 | 18 | 0.2 | 0.2 | 0.25 | 0.25 | 4.1 | 4.5 | 0.05 | 0.05 | 20 | 20 | 0.5 | 1.7 | 0.05 | 0.05 | 14700 | 16300 | 0.25 | 0.25 | 0.23 | 0.22 |
| | Mean | 2220 | 1930 | 0.12 | 0.08 | 0.61 | 0.187 | 9 | 9 | 0.089 | 0.077 | 6.7 | 7 | 1 | 1.4 | 0.123 | 0.117 | 11200 | 12500 | 0.258 | 0.14 | 6.1 | 5.7 |
| | Median | 503 | 33.2 | 0.121 | 0.0242 | 0.25 | 0.155 | 6.15 | 5.55 | 0.05 | 0.05 | 0.157 | 0.028 | 1.25 | 1.25 | 0.05 | 0.05 | 14300 | 15800 | 0.25 | 0.111 | 0.875 | 0.287 |
| | St. Deviation | 3390 | 3290 | 0.09 | 0.11 | 0.71 | 0.055 | 6.8 | 6.8 | 0.101 | 0.082 | 11.5 | 12 | 0.43 | 0.26 | 0.154 | 0.143 | 5700 | 6200 | 0.097 | 0.1 | 9.7 | 9.4 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 30 | 18 | 0.024 | 0.0075 | 0.155 | 0.155 | 4.1 | 4.5 | 0.0125 | 0.0125 | 0.0502 | 0.0075 | 0.5 | 1.25 | 0.0185 | 0.0185 | 4710 | 5280 | 0.165 | 0.05 | 0.23 | 0.22 |
| | Maximum | 6130 | 5730 | 0.2 | 0.2 | 1.43 | 0.25 | 16.7 | 16.8 | 0.203 | 0.169 | 20 | 20 | 1.25 | 1.7 | 0.299 | 0.281 | 14700 | 16300 | 0.359 | 0.25 | 17.3 | 16.6 |
| | % of values undetected | | | 33% | 67% | 67% | 100% | | | 67% | 67% | 33% | 67% | 100% | 67% | 67% | 67% | | | 33% | 67% | | |
| | # of values between MDL and PQL | | | 1 | 1 | | | | | | | 1 | | | | | | | | 1 | 1 | 1 | 1 |
| SRK02 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 226 | 106 | 0.0075 | 0.0344 | 0.155 | 0.155 | 8.20 | 8.88 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 6470 | 6400 | 0.050 | 0.115 | 0.187 | 0.128 |
| | 05/28/07 | 181 | 13.6 | 0.0250 | 0.0614 | 0.155 | 0.155 | 7.79 | 6.94 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9690 | 10600 | 0.100 | 0.245 | 0.117 | 0.0328 |
| | 10/27/07 | 54 | 21 | 0.2 | 0.2 | 0.25 | 0.25 | 8.6 | 7.9 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 9300 | 9800 | 0.25 | 0.25 | 0.07 | 0.06 |
| | Mean | 154 | 47 | 0.08 | 0.099 | 0.187 | 0.187 | 8.2 | 7.91 | 0.025 | 0.025 | 7 | 7 | 1.37 | 1.33 | 0.025 | 0.025 | 8490 | 9000 | 0.13 | 0.203 | 0.125 | 0.074 |
| | Median | 181 | 21 | 0.025 | 0.0614 | 0.155 | 0.155 | 8.2 | 7.9 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9300 | 9800 | 0.1 | 0.245 | 0.117 | 0.06 |
| | St. Deviation | 89 | 51 | 0.11 | 0.089 | 0.055 | 0.055 | 0.4 | 0.97 | 0.0217 | 0.0217 | 12 | 12 | 0.2 | 0.14 | 0.022 | 0.022 | 1760 | 2000 | 0.1 | 0.077 | 0.059 | 0.049 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 54 | 13.6 | 0.0075 | 0.0344 | 0.155 | 0.155 | 7.79 | 6.94 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 6470 | 6400 | 0.05 | 0.115 | 0.07 | 0.0328 |
| | Maximum | 226 | 106 | 0.2 | 0.2 | 0.25 | 0.25 | 8.6 | 8.88 | 0.05 | 0.05 | 20 | 20 | 1.6 | 1.5 | 0.05 | 0.05 | 9690 | 10600 | 0.25 | 0.25 | 0.187 | 0.128 |
| | % of values undetected | | | 100% | 33% | 100% | 100% | | | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 100% | | | 100% | 33% | | |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | | | | | | | | 1 | 1 | 1 |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|-------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP99 | | | | | | | | | | | | | | | | | | | | | | | |
| | 08/07/07 | 0.25 | 0.25 | 270 | 10 | 0.1 | 0.05 | 200 | 300 | 3.1 | 0.8 | 0.000169 | 1 | 0.9 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | 09/05/07 | 0.25 | 0.25 | 70 | 10 | 0.05 | 0.05 | 300 | 400 | 0.8 | 1 | 0.00052 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | 10/27/07 | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 100 | 100 | 1.4 | 1.3 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | Mean | 0.25 | 0.25 | 160 | 10 | 0.07 | 0.05 | 200 | 270 | 1.8 | 1 | 0.0011 | 1.3 | 1.3 | 0.3 | 0.3 | 400 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | Median | 0.25 | 0.25 | 130 | 10 | 0.05 | 0.05 | 200 | 300 | 1.4 | 1 | 0.00052 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | St. Deviation | 0 | 0 | 100 | 0 | 0.03 | 0 | 100 | 150 | 1.2 | 0.3 | 0.0013 | 0.3 | 0.3 | 0 | 0 | 500 | 0 | 0 | 0 | 0 | 0 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.25 | 70 | 10 | 0.05 | 0.05 | 100 | 100 | 0.8 | 0.8 | 0.000169 | 1 | 0.9 | 0.3 | 0.3 | 150 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | Maximum | 0.25 | 0.25 | 270 | 10 | 0.1 | 0.05 | 300 | 400 | 3.1 | 1.3 | 0.0025 | 1.5 | 1.5 | 0.3 | 0.3 | 1000 | 150 | 0.05 | 0.05 | 3200 | 0.025 | 0.025 |
| | % of values undetected | 100% | 100% | | 100% | 67% | 100% | 33% | 33% | | | 67% | 67% | 67% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | 2 | 2 | 2 | 3 | 1 | 1 | 1 | | | | | | | | | |
| SRK01 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 15.4 | 3.06 | 1420 | 60.3 | 2.18 | | 3310 | 3140 | 12.0 | 3.81 | | 0.602 | 0.225 | 1.60 | 1.22 | 2100 | 1930 | 0.852 | 0.751 | 7100 | 0.127 | 0.0031 |
| | 05/27/07 | 1540 | 1420 | 1830 | 1450 | 0.676 | 0.123 | 2680 | 2930 | 117 | 113 | 0.000169 | 0.0250 | 0.0250 | 16.3 | 15.6 | 3820 | 3980 | 0.155 | 0.155 | 18500 | 0.0031 | 0.0031 |
| | 10/21/07 | 1.2 | 1.2 | 25 | 10 | 0.05 | 0.05 | 3100 | 3400 | 1.5 | 0.9 | 0.000169 | 0.25 | 0.25 | 1.1 | 1.2 | 600 | 600 | 0.9 | 0.9 | 8500 | 0.025 | 0.025 |
| | Mean | 520 | 470 | 1090 | 510 | 0.97 | 0.1 | 3030 | 3160 | 40 | 39 | 0.000169 | 0.29 | 0.17 | 6 | 6 | 2200 | 2170 | 0.636 | 0.602 | 11000 | 0.05 | 0.01 |
| | Median | 15.4 | 3.06 | 1420 | 60.3 | 0.676 | 0.0865 | 3100 | 3140 | 12 | 3.81 | 0.000169 | 0.25 | 0.225 | 1.6 | 1.22 | 2100 | 1930 | 0.852 | 0.751 | 8500 | 0.025 | 0.0031 |
| | St. Deviation | 880 | 820 | 950 | 820 | 1.09 | 0.1 | 320 | 240 | 60 | 64 | 0 | 0.29 | 0.12 | 9 | 8.3 | 1600 | 1700 | 0.417 | 0.394 | 6000 | 0.07 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1.2 | 1.2 | 25 | 10 | 0.05 | 0.05 | 2680 | 2930 | 1.5 | 0.9 | 0.000169 | 0.025 | 0.025 | 1.1 | 1.2 | 600 | 600 | 0.155 | 0.155 | 7100 | 0.0031 | 0.0031 |
| | Maximum | 1540 | 1420 | 1830 | 1450 | 2.18 | 0.123 | 3310 | 3400 | 117 | 113 | 0.000169 | 0.602 | 0.25 | 16.3 | 15.6 | 3820 | 3980 | 0.9 | 0.9 | 18500 | 0.127 | 0.025 |
| | % of values undetected | | | 33% | 33% | 33% | 50% | | | 33% | | 150% | 67% | 67% | | | | | 33% | 33% | | 67% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | | | | 1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | | | |
| SRK02 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 0.863 | 0.643 | 172 | 67.4 | 0.768 | 0.623 | 1390 | 1290 | 6.89 | 3.73 | | 0.843 | 0.692 | 0.230 | 0.323 | 686 | 771 | 0.155 | 0.155 | 4880 | 0.0031 | 0.0031 |
| | 05/28/07 | 0.621 | 0.359 | 109 | 20.5 | 0.050 | 0.050 | 2450 | 2660 | 6.53 | 0.989 | 0.0025 | 1.46 | 1.61 | 0.245 | 0.247 | 392 | 428 | 0.155 | 0.155 | 6220 | 0.0031 | 0.0031 |
| | 10/27/07 | 0.25 | 0.8 | 25 | 10 | 0.05 | 0.25 | 2000 | 2300 | 1.2 | 0.9 | 0.000169 | 1.5 | 1.5 | 0.3 | 0.3 | 150 | 150 | 0.25 | 0.25 | 7200 | 0.025 | 0.025 |
| | Mean | 0.578 | 0.601 | 102 | 32.6 | 0.29 | 0.31 | 1950 | 2080 | 4.87 | 1.87 | 0.00133 | 1.27 | 1.27 | 0.26 | 0.29 | 409 | 450 | 0.187 | 0.187 | 6100 | 0.01 | 0.01 |
| | Median | 0.621 | 0.643 | 109 | 20.5 | 0.05 | 0.25 | 2000 | 2300 | 6.53 | 0.989 | 0.00133 | 1.46 | 1.5 | 0.245 | 0.3 | 392 | 428 | 0.155 | 0.155 | 6220 | 0.0031 | 0.0031 |
| | St. Deviation | 0.309 | 0.224 | 74 | 30.6 | 0.41 | 0.29 | 530 | 710 | 3.19 | 1.61 | 0.00165 | 0.37 | 0.5 | 0.04 | 0.039 | 268 | 311 | 0.055 | 0.055 | 1160 | 0.013 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.25 | 0.359 | 25 | 10 | 0.05 | 0.05 | 1390 | 1290 | 1.2 | 0.9 | 0.000169 | 0.843 | 0.692 | 0.23 | 0.247 | 150 | 150 | 0.155 | 0.155 | 4880 | 0.0031 | 0.0031 |
| | Maximum | 0.863 | 0.8 | 172 | 67.4 | 0.768 | 0.623 | 2450 | 2660 | 6.89 | 3.73 | 0.0025 | 1.5 | 1.61 | 0.3 | 0.323 | 686 | 771 | 0.25 | 0.25 | 7200 | 0.025 | 0.025 |
| | % of values undetected | 33% | | 33% | 33% | 67% | 67% | | | | | 150% | 33% | 33% | 33% | 33% | 33% | 33% | 100% | 100% | | 100% | 100% |
| | # of values between MDL and PQL | | 1 | | | | | | | 1 | 1 | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SP99 | | | | | | | | | | | |
| | 08/07/07 | 1400 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 0.1 | 1 | 2 |
| | 09/05/07 | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.2 | 1 | 1 |
| | 10/27/07 | 1300 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 5 |
| | Mean | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.53 | 0.13 | 1 | 2.7 |
| | Median | 1300 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 2 |
| | St. Deviation | 100 | 100 | 0 | 0 | 0 | 0 | 0.06 | 0.06 | 0 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1300 | 1300 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Maximum | 1400 | 1400 | 0.05 | 0.05 | 0.05 | 0.05 | 0.6 | 0.2 | 1 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 67% | 100% | 67% |
| | # of values between MDL and PQL | 3 | 3 | | | | | 1 | 1 | | 1 |
| SRK01 | | | | | | | | | | | |
| | 10/07/06 | 4660 | 4410 | 0.0760 | 0.0322 | 0.050 | 0.050 | 0.960 | 0.250 | 2.71 | |
| | 05/27/07 | 3390 | 3680 | 0.240 | 0.192 | 0.050 | 0.050 | 0.155 | 0.155 | 52.9 | 50.0 |
| | 10/21/07 | 4300 | 4800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 4120 | 4300 | 0.12 | 0.091 | 0.05 | 0.05 | 0.41 | 0.17 | 18.9 | 28 |
| | Median | 4300 | 4410 | 0.076 | 0.05 | 0.05 | 0.05 | 0.155 | 0.155 | 2.71 | 27.5 |
| | St. Deviation | 650 | 570 | 0.1 | 0.088 | 0 | 0 | 0.48 | 0.08 | 29.5 | 32 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 3390 | 3680 | 0.05 | 0.0322 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Maximum | 4660 | 4800 | 0.24 | 0.192 | 0.05 | 0.05 | 0.96 | 0.25 | 52.9 | 50 |
| | % of values undetected | | | 33% | 33% | 100% | 100% | 67% | 100% | 33% | 50% |
| | # of values between MDL and PQL | | | | | | | 1 | | | |
| SRK02 | | | | | | | | | | | |
| | 10/08/06 | 2140 | 2190 | 0.0050 | 0.0050 | 0.050 | 0.050 | 1.07 | 0.250 | 1.96 | |
| | 05/28/07 | 2790 | 2960 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.155 | 0.155 | 1.40 | 2.25 |
| | 10/27/07 | 2900 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 0.5 | 0.1 | 1 | 1 |
| | Mean | 2610 | 2750 | 0.02 | 0.02 | 0.05 | 0.05 | 0.58 | 0.17 | 1.5 | 1.63 |
| | Median | 2790 | 2960 | 0.005 | 0.005 | 0.05 | 0.05 | 0.5 | 0.155 | 1.4 | 1.625 |
| | St. Deviation | 410 | 490 | 0.026 | 0.026 | 0 | 0 | 0.46 | 0.08 | 0.5 | 0.88 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 2140 | 2190 | 0.005 | 0.005 | 0.05 | 0.05 | 0.155 | 0.1 | 1 | 1 |
| | Maximum | 2900 | 3100 | 0.05 | 0.05 | 0.05 | 0.05 | 1.07 | 0.25 | 1.96 | 2.25 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 67% | 100% | 33% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SRK04 | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 16.2 | 42.0 | 36.3 | 0.667 | 1.57 | | | | | | 1.40 | 0.0690 | 6.60 | 0.00075 | 0.00075 | | |
| | 05/28/07 | 50.5 | 130 | 103 | 18.4 | 11.8 | 0.156 | | | 0.148 | | 0.759 | 0.0760 | 14.2 | 0.00075 | 0.00075 | 0.43 | 0.0847 |
| | 10/27/07 | 18 | 59 | 40 | 6 | 1 | 0.01 | | | 0.02 | | 1.1 | 0.05 | 12.2 | 0.0025 | 0.0025 | 0.05 | 0.025 |
| | Mean | 28.2 | 80 | 60 | 8.4 | 4.8 | 0.08 | NA | NA | 0.08 | NA | 1.1 | 0.065 | 11 | 0.0013 | 0.0013 | 0.24 | 0.055 |
| | Median | 18 | 59 | 40 | 6 | 1.57 | 0.083 | NA | NA | 0.084 | NA | 1.1 | 0.069 | 12.2 | 0.00075 | 0.00075 | 0.24 | 0.05485 |
| | St. Deviation | 19.3 | 50 | 37 | 9.1 | 6.1 | 0.1 | NA | NA | 0.09 | NA | 0.3 | 0.013 | 3.9 | 0.001 | 0.001 | 0.27 | 0.042 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | Minimum | 16.2 | 42 | 36.3 | 0.667 | 1 | 0.01 | NA | NA | 0.02 | NA | 0.759 | 0.05 | 6.6 | 0.00075 | 0.00075 | 0.05 | 0.025 |
| | Maximum | 50.5 | 130 | 103 | 18.4 | 11.8 | 0.156 | NA | NA | 0.148 | NA | 1.4 | 0.076 | 14.2 | 0.0025 | 0.0025 | 0.43 | 0.0847 |
| | % of values undetected | | | | | 67% | 75% | | | | | | 33% | | 100% | 100% | 75% | 75% |
| | # of values between MDL and PQL | | | | 2 | | | | | 1 | | 1 | 2 | | | | 1 | 1 |
| SRK06 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 3.97 | 70.0 | 28.8 | 20.0 | 15.3 | | | | | | 0.749 | 0.0870 | 31.0 | 0.00075 | 0.0025 | | |
| | Mean | 3.97 | 70 | 28.8 | 20 | 15.3 | NA | NA | NA | NA | NA | 0.749 | 0.087 | 31 | 0.00075 | 0.0025 | NA | NA |
| | Median | 3.97 | 70 | 28.8 | 20 | 15.3 | NA | NA | NA | NA | NA | 0.749 | 0.087 | 31 | 0.00075 | 0.0025 | NA | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 0 |
| | Minimum | 3.97 | 70 | 28.8 | 20 | 15.3 | NA | NA | NA | NA | NA | 0.749 | 0.087 | 31 | 0.00075 | 0.0025 | NA | NA |
| | Maximum | 3.97 | 70 | 28.8 | 20 | 15.3 | NA | NA | NA | NA | NA | 0.749 | 0.087 | 31 | 0.00075 | 0.0025 | NA | NA |
| | % of values undetected | | | | | | | | | | | | | | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | | |
| SRK08 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 35.2 | 250 | 148 | 0.667 | 54.0 | | | | | | 0.986 | 0.381 | 193 | 0.00075 | 0.0025 | | |
| | 05/27/07 | 60.0 | 405 | 290 | 0.632 | 130 | 0.153 | | | 0.0965 | | 0.966 | 0.836 | 194 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/21/07 | 44 | 269 | 160 | 2.5 | 54 | 0.30 | | | 0.01 | | 1.1 | 0.4 | 104 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 46 | 308 | 200 | 1.27 | 80 | 0.23 | NA | NA | 0.05 | NA | 1.02 | 0.539 | 164 | 0.0013 | 0.0019 | 0.1 | 0.08 |
| | Median | 44 | 269 | 160 | 0.667 | 54 | 0.2265 | NA | NA | 0.05325 | NA | 0.986 | 0.4 | 193 | 0.00075 | 0.0025 | 0.1025 | 0.08275 |
| | St. Deviation | 13 | 85 | 80 | 1.07 | 40 | 0.1 | NA | NA | 0.06 | NA | 0.07 | 0.257 | 52 | 0.001 | 0.001 | 0.07 | 0.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 |
| | Minimum | 35.2 | 250 | 148 | 0.632 | 54 | 0.153 | NA | NA | 0.01 | NA | 0.966 | 0.381 | 104 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 60 | 405 | 290 | 2.5 | 130 | 0.3 | NA | NA | 0.0965 | NA | 1.1 | 0.836 | 194 | 0.0025 | 0.0025 | 0.155 | 0.15 |
| | % of values undetected | | | | 33% | | | | | | | | | | 100% | 100% | 150% | 150% |
| | # of values between MDL and PQL | | | | 2 | | | | | 1 | | 1 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK04 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 19.5 | 15.6 | 0.0168 | 0.0075 | 0.155 | 0.155 | 2.83 | 3.15 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 4220 | 4260 | 0.050 | 0.050 | 0.160 | 0.115 |
| | 05/28/07 | 203 | 25.9 | 0.0250 | 0.0250 | 3.92 | 2.95 | 22.8 | 20.8 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 2.51 | 1.25 | 0.121 | 0.0075 | 12900 | 13200 | 0.240 | 0.100 | 4.57 | 4.03 |
| | 10/27/07 | 40 | 15 | 0.2 | 0.2 | 0.25 | 0.25 | 4.9 | 4.2 | 0.05 | 0.05 | 20 | 20 | 1.8 | 1.5 | 0.05 | 0.05 | 4900 | 4700 | 0.25 | 0.25 | 0.31 | 0.16 |
| | Mean | 88 | 18.8 | 0.08 | 0.08 | 1.44 | 1.12 | 10.2 | 9.4 | 0.025 | 0.025 | 7 | 7 | 1.85 | 1.33 | 0.063 | 0.025 | 7300 | 7400 | 0.18 | 0.13 | 1.7 | 1.44 |
| | Median | 40 | 15.6 | 0.025 | 0.025 | 0.25 | 0.25 | 4.9 | 4.2 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.8 | 1.25 | 0.05 | 0.0185 | 4900 | 4700 | 0.24 | 0.1 | 0.31 | 0.16 |
| | St. Deviation | 101 | 6.1 | 0.1 | 0.11 | 2.15 | 1.59 | 11 | 9.9 | 0.0217 | 0.0217 | 12 | 12 | 0.63 | 0.14 | 0.053 | 0.022 | 4800 | 5000 | 0.11 | 0.1 | 2.5 | 2.25 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 19.5 | 15 | 0.0168 | 0.0075 | 0.155 | 0.155 | 2.83 | 3.15 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0075 | 4220 | 4260 | 0.05 | 0.05 | 0.16 | 0.115 |
| | Maximum | 203 | 25.9 | 0.2 | 0.2 | 3.92 | 2.95 | 22.8 | 20.8 | 0.05 | 0.05 | 20 | 20 | 2.51 | 1.5 | 0.121 | 0.05 | 12900 | 13200 | 0.25 | 0.25 | 4.57 | 4.03 |
| | % of values undetected | | | 67% | 100% | 67% | 67% | | | 100% | 100% | 100% | 100% | 33% | 67% | 67% | 100% | | | 67% | 100% | | |
| | # of values between MDL and PQL | | | 1 | | | | | | | | | | 1 | | | | | | | | | 1 |
| SRK06 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 1030 | 776 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.79 | 3.27 | 0.101 | 0.0880 | 0.0156 | 0.0212 | 1.25 | 1.25 | 0.0616 | 0.0530 | 1020 | | 0.050 | 0.050 | 3.01 | 2.90 |
| | Mean | 1030 | 776 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.79 | 3.27 | 0.101 | 0.088 | 0.0156 | 0.0212 | 1.25 | 1.25 | 0.0616 | 0.053 | 1020 | NA | 0.05 | 0.05 | 3.01 | 2.9 |
| | Median | 1030 | 776 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.79 | 3.27 | 0.101 | 0.088 | 0.0156 | 0.0212 | 1.25 | 1.25 | 0.0616 | 0.053 | 1020 | NA | 0.05 | 0.05 | 3.01 | 2.9 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 |
| | Minimum | 1030 | 776 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.79 | 3.27 | 0.101 | 0.088 | 0.0156 | 0.0212 | 1.25 | 1.25 | 0.0616 | 0.053 | 1020 | NA | 0.05 | 0.05 | 3.01 | 2.9 |
| | Maximum | 1030 | 776 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.79 | 3.27 | 0.101 | 0.088 | 0.0156 | 0.0212 | 1.25 | 1.25 | 0.0616 | 0.053 | 1020 | NA | 0.05 | 0.05 | 3.01 | 2.9 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | | | | | 100% | 100% | | | | | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| SRK08 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 5070 | 6080 | 0.0075 | 0.0075 | 0.155 | 0.155 | 11.4 | 12.4 | 0.250 | 0.215 | 0.0162 | 0.0258 | 1.25 | 1.25 | 0.411 | 0.397 | 9030 | 11000 | 0.050 | 0.050 | 24.1 | 26.0 |
| | 05/27/07 | 18200 | 16600 | 0.0622 | 0.0075 | 0.155 | 0.155 | 14.2 | 14.6 | 0.581 | 0.535 | 0.0075 | 0.0075 | 1.25 | 1.25 | 1.08 | 1.00 | 11300 | 11500 | 0.273 | 0.050 | 74.9 | 69.4 |
| | 10/21/07 | 6700 | 6640 | 0.2 | 0.2 | 0.25 | 0.25 | 12.8 | 13.7 | 0.3 | 0.3 | 20 | 20 | 2.5 | 1.4 | 0.25 | 0.25 | 10400 | 10900 | 0.25 | 0.25 | 24.1 | 23.9 |
| | Mean | 10000 | 9800 | 0.09 | 0.07 | 0.187 | 0.187 | 12.8 | 13.6 | 0.38 | 0.35 | 7 | 7 | 1.67 | 1.3 | 0.58 | 0.5 | 10200 | 11100 | 0.19 | 0.12 | 41 | 39.8 |
| | Median | 6700 | 6640 | 0.0622 | 0.0075 | 0.155 | 0.155 | 12.8 | 13.7 | 0.3 | 0.3 | 0.0162 | 0.0258 | 1.25 | 1.25 | 0.411 | 0.397 | 10400 | 11000 | 0.25 | 0.05 | 24.1 | 26 |
| | St. Deviation | 7200 | 5900 | 0.1 | 0.11 | 0.055 | 0.055 | 1.4 | 1.1 | 0.18 | 0.166 | 12 | 12 | 0.72 | 0.09 | 0.44 | 0.4 | 1100 | 300 | 0.12 | 0.12 | 29.3 | 25.7 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 5070 | 6080 | 0.0075 | 0.0075 | 0.155 | 0.155 | 11.4 | 12.4 | 0.25 | 0.215 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.25 | 0.25 | 9030 | 10900 | 0.05 | 0.05 | 24.1 | 23.9 |
| | Maximum | 18200 | 16600 | 0.2 | 0.2 | 0.25 | 0.25 | 14.2 | 14.6 | 0.581 | 0.535 | 20 | 20 | 2.5 | 1.4 | 1.08 | 1 | 11300 | 11500 | 0.273 | 0.25 | 74.9 | 69.4 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | | | | | 67% | 67% | 100% | 67% | 33% | 33% | | | 67% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|----------|-----------|-------|-----------|---------------|--------------|-----------|-----------|-----------|-----------|----------------|---------------|---------------|--------------|------------|-------------|-------------|--------------|--------------|-----------|---------------|---------------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK04 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 1.40 | 1.13 | 180 | 61.5 | 0.152 | | 1390 | 1350 | 62.9 | 45.6 | | 0.178 | 0.181 | 0.180 | 0.234 | 451 | 450 | 0.155 | 0.155 | 4060 | 0.0031 | 0.0031 |
| | 05/28/07 | 6.83 | 0.460 | 10400 | 8890 | 0.630 | 0.050 | 4430 | 4460 | 2560 | 2430 | 0.0025 | 2.38 | 1.86 | 1.40 | 0.969 | 1180 | 565 | 0.155 | 0.155 | 6820 | 0.0284 | 0.0080 |
| | 10/27/07 | 1 | 1 | 720 | 200 | 0.05 | 0.05 | 1600 | 1500 | 154 | 89.9 | 0.00403 | 0.25 | 0.25 | 0.3 | 0.3 | 150 | 400 | 0.05 | 0.05 | 6700 | 0.025 | 0.025 |
| | Mean | 3.1 | 0.9 | 4000 | 3050 | 0.28 | 0.1 | 2470 | 2440 | 930 | 860 | 0.00327 | 0.94 | 0.76 | 0.6 | 0.501 | 590 | 470 | 0.12 | 0.12 | 5860 | 0.019 | 0.012 |
| | Median | 1.4 | 1 | 720 | 200 | 0.152 | 0.05 | 1600 | 1500 | 154 | 89.9 | 0.00327 | 0.25 | 0.25 | 0.3 | 0.3 | 451 | 450 | 0.155 | 0.155 | 6700 | 0.025 | 0.008 |
| | St. Deviation | 3.3 | 0.4 | 6000 | 5060 | 0.31 | 0 | 1700 | 1750 | 1420 | 1360 | 0.00108 | 1.25 | 0.95 | 0.7 | 0.407 | 530 | 80 | 0.061 | 0.061 | 1560 | 0.014 | 0.011 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1 | 0.46 | 180 | 61.5 | 0.05 | 0.05 | 1390 | 1350 | 62.9 | 45.6 | 0.0025 | 0.178 | 0.181 | 0.18 | 0.234 | 150 | 400 | 0.05 | 0.05 | 4060 | 0.0031 | 0.0031 |
| | Maximum | 6.83 | 1.13 | 10400 | 8890 | 0.63 | 0.05 | 4430 | 4460 | 2560 | 2430 | 0.00403 | 2.38 | 1.86 | 1.4 | 0.969 | 1180 | 565 | 0.155 | 0.155 | 6820 | 0.0284 | 0.025 |
| | % of values undetected | | | | | 33% | 100% | | | | | 75% | 33% | 33% | 33% | 33% | 33% | 100% | 100% | | 67% | 67% | |
| | # of values between MDL and PQL | 1 | 1 | | | | | | | | | 1 | | | 1 | | | 1 | | | | | 1 |
| SRK06 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 306 | 288 | 1370 | 548 | 2.56 | 1.49 | 349 | 416 | 40.5 | 38.9 | | 0.146 | 0.0145 | 3.01 | 2.97 | 78.7 | 104 | 0.155 | 0.155 | 2380 | 0.0031 | 0.0031 |
| | Mean | 306 | 288 | 1370 | 548 | 2.56 | 1.49 | 349 | 416 | 40.5 | 38.9 | NA | 0.146 | 0.0145 | 3.01 | 2.97 | 78.7 | 104 | 0.155 | 0.155 | 2380 | 0.0031 | 0.0031 |
| | Median | 306 | 288 | 1370 | 548 | 2.56 | 1.49 | 349 | 416 | 40.5 | 38.9 | NA | 0.146 | 0.0145 | 3.01 | 2.97 | 78.7 | 104 | 0.155 | 0.155 | 2380 | 0.0031 | 0.0031 |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | Minimum | 306 | 288 | 1370 | 548 | 2.56 | 1.49 | 349 | 416 | 40.5 | 38.9 | NA | 0.146 | 0.0145 | 3.01 | 2.97 | 78.7 | 104 | 0.155 | 0.155 | 2380 | 0.0031 | 0.0031 |
| | Maximum | 306 | 288 | 1370 | 548 | 2.56 | 1.49 | 349 | 416 | 40.5 | 38.9 | NA | 0.146 | 0.0145 | 3.01 | 2.97 | 78.7 | 104 | 0.155 | 0.155 | 2380 | 0.0031 | 0.0031 |
| | % of values undetected | | | | | | | | | | | | | | | | | | | | | | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | |
| SRK08 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 2880 | 2970 | 490 | 314 | 0.0155 | 0.114 | 3060 | | 241 | 262 | | 0.0145 | 0.0145 | 15.9 | 17.4 | 1260 | | 0.155 | 0.155 | 11700 | 0.0031 | 0.0031 |
| | 05/27/07 | 6410 | 6010 | 710 | 493 | 0.050 | 0.145 | 7710 | 7630 | 805 | 709 | 0.0025 | 0.0250 | 0.0250 | 43.1 | 40.3 | 3150 | 3100 | 0.630 | 0.557 | 14700 | 0.0031 | 0.0031 |
| | 10/21/07 | 2990 | 2990 | 280 | 270 | 0.05 | 0.05 | 4000 | 4000 | 265 | 245 | 0.00017 | 0.25 | 0.25 | 16.4 | 17.2 | 1500 | 1600 | 0.25 | 0.25 | 11600 | 0.025 | 0.025 |
| | Mean | 4090 | 3990 | 490 | 359 | 0.039 | 0.103 | 4920 | 5820 | 437 | 405 | 0.0013 | 0.1 | 0.1 | 25.1 | 25 | 1970 | 2400 | 0.35 | 0.321 | 12700 | 0.01 | 0.01 |
| | Median | 2990 | 2990 | 490 | 314 | 0.05 | 0.114 | 4000 | 5815 | 265 | 262 | 0.00133 | 0.025 | 0.025 | 16.4 | 17.4 | 1500 | 2350 | 0.25 | 0.25 | 11700 | 0.0031 | 0.0031 |
| | St. Deviation | 2010 | 1750 | 220 | 118 | 0.02 | 0.048 | 2460 | 2570 | 319 | 263 | 0.0016 | 0.13 | 0.13 | 15.6 | 13.3 | 1030 | 1100 | 0.25 | 0.21 | 1800 | 0.013 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2880 | 2970 | 280 | 270 | 0.0155 | 0.05 | 3060 | 4000 | 241 | 245 | 0.000169 | 0.0145 | 0.0145 | 15.9 | 17.2 | 1260 | 1600 | 0.155 | 0.155 | 11600 | 0.0031 | 0.0031 |
| | Maximum | 6410 | 6010 | 710 | 493 | 0.05 | 0.145 | 7710 | 7630 | 805 | 709 | 0.0025 | 0.25 | 0.25 | 43.1 | 40.3 | 3150 | 3100 | 0.63 | 0.557 | 14700 | 0.025 | 0.025 |
| | % of values undetected | | | | | 100% | 33% | | | | | 150% | 100% | 100% | | | | | 67% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK04 | | | | | | | | | | | |
| | 10/08/06 | 2430 | 2360 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.602 | 0.518 | 1.13 | |
| | 05/28/07 | 4700 | 4350 | 0.0126 | 0.0050 | 0.050 | 0.050 | 1.28 | 0.571 | 5.13 | 2.67 |
| | 10/27/07 | 2800 | 2800 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 3300 | 3170 | 0.023 | 0.02 | 0.05 | 0.05 | 0.66 | 0.396 | 2.42 | 3.84 |
| | Median | 2800 | 2800 | 0.0126 | 0.005 | 0.05 | 0.05 | 0.602 | 0.518 | 1.13 | 3.835 |
| | St. Deviation | 1200 | 1050 | 0.024 | 0.026 | 0 | 0 | 0.59 | 0.258 | 2.35 | 1.65 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 2430 | 2360 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 2.67 |
| | Maximum | 4700 | 4350 | 0.05 | 0.05 | 0.05 | 0.05 | 1.28 | 0.571 | 5.13 | 5 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | 33% | 33% | 33% | 50% |
| | # of values between MDL and PQL | | | 1 | | | | 1 | 2 | | |
| SRK06 | | | | | | | | | | | |
| | 10/07/06 | 509 | 578 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 11.4 | |
| | Mean | 509 | 578 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.25 | 11.4 | NA |
| | Median | 509 | 578 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.25 | 11.4 | NA |
| | St. Deviation | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | # of values | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 |
| | Minimum | 509 | 578 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.25 | 11.4 | NA |
| | Maximum | 509 | 578 | 0.005 | 0.005 | 0.05 | 0.05 | 0.25 | 0.25 | 11.4 | NA |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | |
| SRK08 | | | | | | | | | | | |
| | 10/07/06 | 2800 | | 0.250 | 0.239 | 0.050 | 0.050 | 0.250 | 0.250 | 63.7 | 68.2 |
| | 05/27/07 | 4420 | 4490 | 0.424 | 0.357 | 0.050 | 0.050 | 0.155 | 0.155 | 164 | 154 |
| | 10/21/07 | 3600 | 3500 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 1 | 74 | 74 |
| | Mean | 3600 | 4000 | 0.31 | 0.282 | 0.05 | 0.05 | 0.17 | 0.5 | 101 | 99 |
| | Median | 3600 | 3995 | 0.25 | 0.25 | 0.05 | 0.05 | 0.155 | 0.25 | 74 | 74 |
| | St. Deviation | 800 | 700 | 0.1 | 0.065 | 0 | 0 | 0.08 | 0.5 | 55 | 48 |
| | # of values | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2800 | 3500 | 0.25 | 0.239 | 0.05 | 0.05 | 0.1 | 0.155 | 63.7 | 68.2 |
| | Maximum | 4420 | 4490 | 0.424 | 0.357 | 0.05 | 0.05 | 0.25 | 1 | 164 | 154 |
| | % of values undetected | | | 33% | 33% | 100% | 100% | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|----------|--------------|------------------------|------------------------|---------|-------------------|---------|---------|------------------|----------------|----------|----------|---------|---------------|-------------|-------------|---------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SRK09 | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 25.1 | 150 | 118 | 8.00 | 29.0 | | | | | | 0.766 | 0.268 | 128 | 0.00075 | 0.0025 | | | |
| | 05/27/07 | 32.2 | 100 | 88.8 | 2.30 | 1.57 | 0.0795 | | | 0.0398 | | 0.887 | 0.0760 | 33.7 | 0.00075 | 0.00075 | 0.45 | 0.0441 | |
| | 10/21/07 | 26 | 179 | 130 | 2.5 | 34 | 0.57 | | | 0.01 | | 1.0 | 0.3 | 67.3 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 27.8 | 140 | 112 | 4.3 | 22 | 0.32 | NA | NA | 0.02 | NA | 0.88 | 0.21 | 76 | 0.0013 | 0.0019 | 0.25 | 0.1 | |
| | Median | 26 | 150 | 118 | 2.5 | 29 | 0.32475 | NA | NA | 0.0249 | NA | 0.887 | 0.268 | 67.3 | 0.00075 | 0.0025 | 0.25 | 0.09705 | |
| | St. Deviation | 3.9 | 40 | 21 | 3.2 | 17 | 0.35 | NA | NA | 0.02 | NA | 0.12 | 0.12 | 48 | 0.001 | 0.001 | 0.28 | 0.07 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | |
| | Minimum | 25.1 | 100 | 88.8 | 2.3 | 1.57 | 0.0795 | NA | NA | 0.01 | NA | 0.766 | 0.076 | 33.7 | 0.00075 | 0.00075 | 0.05 | 0.0441 | |
| | Maximum | 32.2 | 179 | 130 | 8 | 34 | 0.57 | NA | NA | 0.0398 | NA | 1 | 0.3 | 128 | 0.0025 | 0.0025 | 0.45 | 0.15 | |
| | % of values undetected | | | | 33% | 33% | | | | | | | | | 100% | 100% | 75% | 75% | |
| | # of values between MDL and PQL | | | | | | 1 | | | 1 | | 1 | 2 | | | | 1 | 1 | |
| SRK10 | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 18.8 | 310 | 108 | 0.227 | 52.5 | 0.429 | 0.0155 | 0.418 | 0.00155 | 0.100 | 0.823 | 0.134 | 62.0 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 31 | 341 | 150 | 2.5 | 62 | 0.44 | | | 0.01 | | 1.0 | 0.1 | 95.9 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 24.9 | 326 | 129 | 1.36 | 57.3 | 0.435 | 0.0155 | 0.418 | 0.006 | 0.1 | 0.9 | 0.12 | 79 | 0.0016 | 0.0016 | 0.1 | 0.083 | |
| | Median | 24.9 | 326 | 129 | 1.36 | 57.3 | 0.435 | 0.0155 | 0.418 | 0.006 | 0.1 | 0.9 | 0.12 | 79 | 0.0016 | 0.0016 | 0.1 | 0.083 | |
| | St. Deviation | 8.6 | 22 | 30 | 1.61 | 6.7 | 0.008 | NA | NA | 0.006 | NA | 0.1 | 0.02 | 24 | 0.0012 | 0.0012 | 0.07 | 0.095 | |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | Minimum | 18.8 | 310 | 108 | 0.227 | 52.5 | 0.429 | 0.0155 | 0.418 | 0.00155 | 0.1 | 0.823 | 0.1 | 62 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 31 | 341 | 150 | 2.5 | 62 | 0.44 | 0.0155 | 0.418 | 0.01 | 0.1 | 1 | 0.134 | 95.9 | 0.0025 | 0.0025 | 0.155 | 0.15 | |
| | % of values undetected | | | | 50% | | | 100% | | 50% | | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 1 | 1 | | | | | | |
| SRK11 | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 17.2 | 95.0 | 81.2 | 13.0 | 20.8 | | | | | | 1.01 | 0.211 | 40.4 | 0.00075 | 0.0025 | | | |
| | 05/26/07 | 19.5 | 115 | 101 | 1.20 | 27.0 | 0.448 | | | 0.0160 | | 0.819 | 0.114 | 43.8 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 24 | 122 | 90 | 24 | 26 | 0.71 | | | 0.02 | | 1.0 | 0.1 | 47.8 | 0.0025 | 0.0025 | 0.05 | 0.05 | |
| | Mean | 20.2 | 111 | 91 | 13 | 25 | 0.58 | NA | NA | 0.02 | NA | 0.94 | 0.142 | 44 | 0.0013 | 0.0019 | #NUM! | #NUM! | |
| | Median | 19.5 | 115 | 90 | 13 | 26 | 0.579 | NA | NA | 0.018 | NA | 1 | 0.114 | 43.8 | 0.00075 | 0.0025 | 0.1025 | 0.03275 | |
| | St. Deviation | 3.5 | 14 | 10 | 11 | 3 | 0.19 | NA | NA | 0 | NA | 0.11 | 0.06 | 3.7 | 0.001 | 0.001 | #NUM! | #NUM! | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | |
| | Minimum | 17.2 | 95 | 81.2 | 1.2 | 20.8 | 0.448 | NA | NA | 0.016 | NA | 0.819 | 0.1 | 40.4 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 24 | 122 | 101 | 24 | 27 | 0.71 | NA | NA | 0.02 | NA | 1.01 | 0.211 | 47.8 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | | | | | | | | | | | 100% | 100% | 150% | 150% | |
| | # of values between MDL and PQL | | | | | | | | | 1 | | 1 | 1 | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SRK09 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 3170 | 2860 | 0.0075 | 0.0075 | 0.840 | 0.155 | 31.6 | 30.7 | 0.127 | 0.136 | 0.0150 | 0.0075 | 1.25 | 1.25 | 0.165 | 0.181 | 6860 | 6680 | 0.050 | 0.178 | 10.2 | 10.9 |
| | 05/27/07 | 28.9 | 25.8 | 0.0250 | 0.0250 | 0.155 | 0.155 | 9.04 | 10.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 9620 | 10800 | 0.100 | 0.305 | 0.106 | 0.0860 |
| | 10/21/07 | 4460 | 4440 | 0.2 | 0.2 | 0.25 | 0.25 | 31.6 | 32.1 | 0.1 | 0.1 | 20 | 20 | 0.25 | 1.5 | 0.25 | 0.25 | 6300 | 6800 | 0.05 | 0.05 | 10.2 | 10.2 |
| | Mean | 2550 | 2440 | 0.08 | 0.08 | 0.42 | 0.187 | 24.1 | 24.4 | 0.08 | 0.083 | 7 | 7 | 0.92 | 1.33 | 0.14 | 0.15 | 7590 | 8100 | 0.07 | 0.178 | 6.8 | 7.1 |
| | Median | 3170 | 2860 | 0.025 | 0.025 | 0.25 | 0.155 | 31.6 | 30.7 | 0.1 | 0.1 | 0.015 | 0.0075 | 1.25 | 1.25 | 0.165 | 0.181 | 6860 | 6800 | 0.05 | 0.178 | 10.2 | 10.2 |
| | St. Deviation | 2280 | 2240 | 0.11 | 0.11 | 0.37 | 0.055 | 13 | 12.1 | 0.06 | 0.064 | 12 | 12 | 0.58 | 0.14 | 0.12 | 0.12 | 1780 | 2300 | 0.03 | 0.128 | 5.8 | 6.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 28.9 | 25.8 | 0.0075 | 0.0075 | 0.155 | 0.155 | 9.04 | 10.5 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.25 | 1.25 | 0.0075 | 0.0075 | 6300 | 6680 | 0.05 | 0.05 | 0.106 | 0.086 |
| | Maximum | 4460 | 4440 | 0.2 | 0.2 | 0.84 | 0.25 | 31.6 | 32.1 | 0.127 | 0.136 | 20 | 20 | 1.25 | 1.5 | 0.25 | 0.25 | 9620 | 10800 | 0.1 | 0.305 | 10.2 | 10.9 |
| | % of values undetected | | | 100% | 100% | 67% | 100% | | | 33% | 33% | 67% | 100% | 100% | 67% | 67% | 67% | | | 100% | 33% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | 1 | | | | | | | | | 1 | | |
| SRK10 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 2890 | 2580 | 0.0075 | 0.0075 | 0.319 | 0.155 | 14.0 | 15.2 | 0.0694 | 0.0718 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0420 | 3890 | 4700 | 0.672 | | 5.63 | 6.63 |
| | 10/21/07 | 4820 | 4870 | 0.2 | 0.2 | 0.25 | 0.25 | 16.6 | 17.7 | 0.1 | 0.1 | 20 | 20 | 0.5 | | 0.05 | 0.05 | 5700 | 6200 | 1.4 | 1.3 | 8.82 | 8.96 |
| | Mean | 3860 | 3730 | 0.1 | 0.1 | 0.285 | 0.203 | 15.3 | 16.5 | 0.08 | 0.09 | 10 | 10 | 0.9 | 1.25 | 0.034 | 0.046 | 4800 | 5500 | 1.04 | 1.3 | 7.23 | 7.8 |
| | Median | 3860 | 3730 | 0.1 | 0.1 | 0.285 | 0.203 | 15.3 | 16.5 | 0.08 | 0.09 | 10 | 10 | 0.9 | 1.25 | 0.034 | 0.046 | 4800 | 5500 | 1.04 | 1.3 | 7.23 | 7.8 |
| | St. Deviation | 1360 | 1620 | 0.14 | 0.14 | 0.049 | 0.067 | 1.8 | 1.8 | 0.02 | 0.02 | 14 | 14 | 0.5 | NA | 0.022 | 0.006 | 1280 | 1100 | 0.51 | NA | 2.26 | 1.65 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 |
| | Minimum | 2890 | 2580 | 0.0075 | 0.0075 | 0.25 | 0.155 | 14 | 15.2 | 0.0694 | 0.0718 | 0.0075 | 0.0075 | 0.5 | 1.25 | 0.0185 | 0.042 | 3890 | 4700 | 0.672 | 1.3 | 5.63 | 6.63 |
| | Maximum | 4820 | 4870 | 0.2 | 0.2 | 0.319 | 0.25 | 16.6 | 17.7 | 0.1 | 0.1 | 20 | 20 | 1.25 | 1.25 | 0.05 | 0.05 | 5700 | 6200 | 1.4 | 1.3 | 8.82 | 8.96 |
| | % of values undetected | | | 100% | 100% | 50% | 100% | | | | | 100% | 100% | 100% | 100% | 100% | 50% | | | | | | |
| | # of values between MDL and PQL | | | | | 1 | | | | 1 | 1 | | | | | | 1 | | | | | | |
| SRK11 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 2240 | 1650 | 0.0075 | 0.0214 | 0.155 | 0.155 | 25.5 | 24.6 | 0.0952 | 0.0730 | 0.0218 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0396 | 4570 | 4710 | 0.050 | 0.205 | 3.61 | 3.61 |
| | 05/26/07 | 3240 | 3150 | 0.0075 | 0.0250 | 0.155 | 0.155 | 24.8 | 26.4 | 0.104 | 0.0916 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0746 | 0.0812 | 4800 | 5520 | 0.050 | 0.100 | 4.62 | 4.89 |
| | 10/21/07 | 3250 | 2940 | 0.2 | 0.2 | 0.25 | 0.25 | 27.9 | 25.6 | 0.1 | 0.1 | 20 | 20 | 0.5 | 1.8 | 0.25 | 0.05 | 6000 | 6300 | 0.25 | 0.05 | 4.08 | 3.99 |
| | Mean | 2910 | 2580 | 0.07 | 0.08 | 0.187 | 0.187 | 26.1 | 25.5 | 0.1 | 0.09 | 7 | 7 | 1 | 1.43 | 0.114 | 0.0569 | 5100 | 5510 | 0.12 | 0.12 | 4.1 | 4.16 |
| | Median | 3240 | 2940 | 0.0075 | 0.025 | 0.155 | 0.155 | 25.5 | 25.6 | 0.1 | 0.0916 | 0.0218 | 0.0075 | 1.25 | 1.25 | 0.0746 | 0.05 | 4800 | 5520 | 0.05 | 0.1 | 4.08 | 3.99 |
| | St. Deviation | 580 | 810 | 0.11 | 0.1 | 0.055 | 0.055 | 1.6 | 0.9 | 0.004 | 0.01 | 12 | 12 | 0.43 | 0.32 | 0.121 | 0.0216 | 800 | 800 | 0.12 | 0.08 | 0.51 | 0.66 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2240 | 1650 | 0.0075 | 0.0214 | 0.155 | 0.155 | 24.8 | 24.6 | 0.0952 | 0.073 | 0.0075 | 0.0075 | 0.5 | 1.25 | 0.0185 | 0.0396 | 4570 | 4710 | 0.05 | 0.05 | 3.61 | 3.61 |
| | Maximum | 3250 | 3150 | 0.2 | 0.2 | 0.25 | 0.25 | 27.9 | 26.4 | 0.104 | 0.1 | 20 | 20 | 1.25 | 1.8 | 0.25 | 0.0812 | 6000 | 6300 | 0.25 | 0.205 | 4.62 | 4.89 |
| | % of values undetected | | | 100% | 67% | 100% | 100% | | | | | 67% | 100% | 100% | 67% | 67% | 33% | | | 100% | 67% | | |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | 1 | 1 | | | | | 1 | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK09 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 1170 | 1160 | 3670 | 260 | 0.192 | 0.107 | 1930 | 1800 | 54.3 | 57.1 | | 0.0145 | 0.0306 | 9.76 | 10.0 | 2300 | 2460 | 0.155 | 0.369 | 13300 | 0.0031 | |
| | 05/27/07 | 1.22 | 1.10 | 168 | 97.3 | 0.050 | 0.050 | 1990 | 2350 | 6.55 | 4.14 | 0.000169 | 0.0830 | 0.101 | 0.721 | 0.754 | 1320 | 1470 | 0.155 | 0.155 | 7050 | 0.0031 | 0.0031 |
| | 10/21/07 | 1210 | 1190 | 540 | 220 | 0.05 | 0.05 | 2300 | 2300 | 56 | 55 | 0.000169 | 0.25 | 0.25 | 10.2 | 10.4 | 2800 | 2800 | 0.25 | 0.25 | 16900 | 0.025 | 0.025 |
| | Mean | 790 | 780 | 1460 | 190 | 0.1 | 0.07 | 2070 | 2200 | 39 | 38.7 | 0.000169 | 0.12 | 0.127 | 6.9 | 7.1 | 2100 | 2240 | 0.187 | 0.258 | 12400 | 0.01 | 0.014 |
| | Median | 1170 | 1160 | 540 | 220 | 0.05 | 0.05 | 1990 | 2300 | 54.3 | 55 | 0.000169 | 0.083 | 0.101 | 9.76 | 10 | 2300 | 2460 | 0.155 | 0.25 | 13300 | 0.0031 | 0.01405 |
| | St. Deviation | 690 | 680 | 1920 | 80 | 0.08 | 0.03 | 200 | 300 | 28.1 | 30 | 0 | 0.12 | 0.112 | 5.4 | 5.5 | 800 | 690 | 0.055 | 0.107 | 5000 | 0.013 | 0.015 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 1.22 | 1.1 | 168 | 97.3 | 0.05 | 0.05 | 1930 | 1800 | 6.55 | 4.14 | 0.000169 | 0.0145 | 0.0306 | 0.721 | 0.754 | 1320 | 1470 | 0.155 | 0.155 | 7050 | 0.0031 | 0.0031 |
| | Maximum | 1210 | 1190 | 3670 | 260 | 0.192 | 0.107 | 2300 | 2350 | 56 | 57.1 | 0.000169 | 0.25 | 0.25 | 10.2 | 10.4 | 2800 | 2800 | 0.25 | 0.369 | 16900 | 0.025 | 0.025 |
| | % of values undetected | | | | | 67% | 67% | | | | | 150% | 67% | 33% | | | | | 100% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | | | 1 | | | | | | 1 | | | |
| SRK10 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 123 | 135 | 1740 | 1850 | 0.318 | 0.302 | 2210 | 2030 | 44.7 | 51.2 | 0.000475 | 0.0300 | 0.0145 | 9.46 | 10.4 | 1430 | 1510 | 1.67 | 1.97 | 9760 | 0.0688 | 0.0578 |
| | 10/21/07 | 149 | 150 | 2060 | 1980 | 0.25 | 0.25 | 3600 | 3700 | 72.8 | 73 | 0.000169 | 0.25 | 0.25 | 14.9 | 15.3 | 1800 | 2000 | 2.4 | 2.4 | 13100 | 0.025 | 0.025 |
| | Mean | 136 | 143 | 1900 | 1920 | 0.284 | 0.276 | 2910 | 2870 | 58.8 | 62.1 | 0.000322 | 0.14 | 0.132 | 12.2 | 12.9 | 1620 | 1800 | 2.04 | 2.19 | 11400 | 0.0469 | 0.0414 |
| | Median | 136 | 143 | 1900 | 1920 | 0.284 | 0.276 | 2910 | 2870 | 58.8 | 62.1 | 0.000322 | 0.14 | 0.132 | 12.2 | 12.9 | 1620 | 1800 | 2.04 | 2.19 | 11400 | 0.0469 | 0.0414 |
| | St. Deviation | 18 | 11 | 230 | 90 | 0.048 | 0.037 | 980 | 1180 | 19.9 | 15.4 | 0.000216 | 0.16 | 0.167 | 3.8 | 3.5 | 260 | 300 | 0.52 | 0.3 | 2400 | 0.031 | 0.0232 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 123 | 135 | 1740 | 1850 | 0.25 | 0.25 | 2210 | 2030 | 44.7 | 51.2 | 0.000169 | 0.03 | 0.0145 | 9.46 | 10.4 | 1430 | 1510 | 1.67 | 1.97 | 9760 | 0.025 | 0.025 |
| | Maximum | 149 | 150 | 2060 | 1980 | 0.318 | 0.302 | 3600 | 3700 | 72.8 | 73 | 0.000475 | 0.25 | 0.25 | 14.9 | 15.3 | 1800 | 2000 | 2.4 | 2.4 | 13100 | 0.0688 | 0.0578 |
| | % of values undetected | | | | | 50% | 50% | | | | | 100% | 50% | 100% | | | | | | | | 50% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | | | 1 | | | | | | |
| SRK11 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 34.2 | 30.4 | 1870 | 166 | 0.159 | 0.0920 | 1400 | 1330 | 44.6 | 42.7 | | 0.0145 | 0.0145 | 5.39 | 5.26 | 1270 | 1330 | 0.528 | 0.408 | 8650 | 0.0208 | 0.0031 |
| | 05/26/07 | 44.0 | 44.2 | 482 | 433 | 0.0155 | 0.050 | 1820 | 2040 | 60.5 | 67.7 | 0.00035 | 0.0075 | 0.0250 | 6.53 | 6.91 | 1470 | 1580 | 0.666 | 0.673 | 13500 | 0.0031 | 0.0031 |
| | 10/21/07 | 44.4 | 43.6 | 1200 | 320 | 0.25 | 0.05 | 2100 | 2100 | 49.6 | 49.5 | 0.00017 | 0.25 | 0.25 | 5.8 | 6.1 | 1800 | 1900 | 0.8 | 0.6 | 14600 | 0.025 | 0.025 |
| | Mean | 40.9 | 39.4 | 1180 | 306 | 0.142 | 0.064 | 1800 | 1820 | 51.6 | 53.3 | 0.00026 | 0.09 | 0.1 | 5.91 | 6.09 | 1510 | 1600 | 0.665 | 0.56 | 12300 | 0.016 | 0.01 |
| | Median | 44 | 43.6 | 1200 | 320 | 0.159 | 0.05 | 1820 | 2040 | 49.6 | 49.5 | 0.000257 | 0.0145 | 0.025 | 5.8 | 6.1 | 1470 | 1580 | 0.666 | 0.6 | 13500 | 0.0208 | 0.0031 |
| | St. Deviation | 5.8 | 7.8 | 690 | 134 | 0.118 | 0.024 | 400 | 430 | 8.1 | 12.9 | 0.00012 | 0.14 | 0.13 | 0.58 | 0.83 | 270 | 290 | 0.136 | 0.137 | 3200 | 0.012 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 34.2 | 30.4 | 482 | 166 | 0.0155 | 0.05 | 1400 | 1330 | 44.6 | 42.7 | 0.000169 | 0.0075 | 0.0145 | 5.39 | 5.26 | 1270 | 1330 | 0.528 | 0.408 | 8650 | 0.0031 | 0.0031 |
| | Maximum | 44.4 | 44.2 | 1870 | 433 | 0.25 | 0.092 | 2100 | 2100 | 60.5 | 67.7 | 0.000345 | 0.25 | 0.25 | 6.53 | 6.91 | 1800 | 1900 | 0.8 | 0.673 | 14600 | 0.025 | 0.025 |
| | % of values undetected | | | | | 67% | 67% | | | | | 75% | 100% | 100% | | | | | | | | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | 1 | 1 | 2 | 2 | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK09 | | | | | | | | | | | |
| | 10/07/06 | 2630 | 2470 | 0.163 | 0.191 | 0.050 | 0.050 | 0.541 | 0.250 | 31.6 | 34.1 |
| | 05/27/07 | 3670 | 4280 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.351 | 0.155 | 1.89 | |
| | 10/21/07 | 3100 | 3000 | 0.25 | 0.25 | 0.05 | 0.25 | 0.1 | 1 | 36 | 37 |
| | Mean | 3130 | 3250 | 0.14 | 0.15 | 0.05 | 0.12 | 0.331 | 0.5 | 23.2 | 35.6 |
| | Median | 3100 | 3000 | 0.163 | 0.191 | 0.05 | 0.05 | 0.351 | 0.25 | 31.6 | 35.55 |
| | St. Deviation | 520 | 930 | 0.12 | 0.13 | 0 | 0.12 | 0.221 | 0.5 | 18.6 | 2.1 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 2630 | 2470 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.155 | 1.89 | 34.1 |
| | Maximum | 3670 | 4280 | 0.25 | 0.25 | 0.05 | 0.25 | 0.541 | 1 | 36 | 37 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 33% | 100% | | |
| | # of values between MDL and PQL | | | | | | | 2 | | | |
| SRK10 | | | | | | | | | | | |
| | 10/07/06 | 2170 | 2000 | 0.0908 | 0.0742 | 0.050 | 0.050 | 0.250 | 0.835 | 7.81 | |
| | 10/21/07 | 2500 | 2500 | 0.25 | 0.25 | 0.05 | 0.25 | 0.1 | 1 | 11 | 14 |
| | Mean | 2340 | 2300 | 0.17 | 0.162 | 0.05 | 0.15 | 0.18 | 0.9 | 9.4 | 14 |
| | Median | 2340 | 2300 | 0.17 | 0.162 | 0.05 | 0.15 | 0.18 | 0.9 | 9.4 | 14 |
| | St. Deviation | 230 | 400 | 0.113 | 0.124 | 0 | 0.14 | 0.11 | 0.1 | 2.3 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| | Minimum | 2170 | 2000 | 0.0908 | 0.0742 | 0.05 | 0.05 | 0.1 | 0.835 | 7.81 | 14 |
| | Maximum | 2500 | 2500 | 0.25 | 0.25 | 0.05 | 0.25 | 0.25 | 1 | 11 | 14 |
| | % of values undetected | | | 50% | 50% | 100% | 100% | 100% | 50% | | |
| | # of values between MDL and PQL | | | | | | | | 1 | | |
| SRK11 | | | | | | | | | | | |
| | 10/07/06 | 2190 | 2060 | 0.0222 | 0.0254 | 0.050 | 0.050 | 0.694 | 0.712 | 8.77 | |
| | 05/26/07 | 2540 | 2750 | 0.0338 | 0.0342 | 0.050 | | 0.155 | 0.155 | 11.4 | 13.4 |
| | 10/21/07 | 3000 | 3000 | 0.6 | 0.6 | 0.05 | 0.05 | 0.1 | 0.5 | 5 | 13 |
| | Mean | 2580 | 2600 | 0.219 | 0.22 | 0.05 | 0.05 | 0.316 | 0.456 | 8.4 | 13 |
| | Median | 2540 | 2750 | 0.0338 | 0.0342 | 0.05 | 0.05 | 0.155 | 0.5 | 8.77 | 13.2 |
| | St. Deviation | 410 | 490 | 0.33 | 0.329 | 0 | 0 | 0.328 | 0.281 | 3.2 | 0 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 |
| | Minimum | 2190 | 2060 | 0.0222 | 0.0254 | 0.05 | 0.05 | 0.1 | 0.155 | 5 | 13 |
| | Maximum | 3000 | 3000 | 0.6 | 0.6 | 0.05 | 0.05 | 0.694 | 0.712 | 11.4 | 13.4 |
| | % of values undetected | | | | | 100% | 100% | 67% | 67% | 33% | |
| | # of values between MDL and PQL | | | | | | | 1 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|
| SRK12 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 32.7 | 370 | 168 | 0.75 | 68.0 | | | | | | 0.983 | 0.319 | 214 | 0.00075 | 0.0025 | | |
| | 05/26/07 | 23.4 | 210 | 126 | 3.37 | 40.0 | 0.190 | | | 0.00155 | | 0.889 | 0.174 | 64.0 | 0.00075 | 0.00075 | 0.155 | 0.0323 |
| | Mean | 28.1 | 290 | 147 | 2.06 | 54 | 0.19 | NA | NA | 0.00155 | NA | 0.936 | 0.247 | 139 | 0.00075 | 0.0016 | 0.155 | 0.0323 |
| | Median | 28.1 | 290 | 147 | 2.06 | 54 | 0.19 | NA | NA | 0.00155 | NA | 0.936 | 0.247 | 139 | 0.00075 | 0.0016 | 0.155 | 0.0323 |
| | St. Deviation | 6.6 | 110 | 30 | 1.85 | 20 | NA | NA | NA | NA | NA | 0.066 | 0.103 | 106 | 0 | 0.0012 | NA | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| | Minimum | 23.4 | 210 | 126 | 0.75 | 40 | 0.19 | NA | NA | 0.00155 | NA | 0.889 | 0.174 | 64 | 0.00075 | 0.00075 | 0.155 | 0.0323 |
| | Maximum | 32.7 | 370 | 168 | 3.37 | 68 | 0.19 | NA | NA | 0.00155 | NA | 0.983 | 0.319 | 214 | 0.00075 | 0.0025 | 0.155 | 0.0323 |
| | % of values undetected | | | | 50% | | | | | 100% | | | | | 100% | 100% | 200% | |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | 1 |
| SRK13 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 25.2 | 160 | 115 | 0.300 | 36.8 | 0.165 | 0.0155 | 0.155 | 0.00155 | 0.140 | 1.10 | 0.236 | 59.3 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 05/27/07 | 48.5 | 130 | 92.5 | 0.163 | 1.57 | 0.403 | | | 0.00155 | | 0.723 | 0.0720 | 35.6 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | 10/21/07 | 39 | 241 | 170 | 2.5 | 52 | 0.37 | | | 0.01 | | 1.0 | 0.2 | 97.1 | 0.0025 | 0.0025 | 0.05 | 0.15 |
| | Mean | 37.6 | 180 | 126 | 1 | 30.1 | 0.313 | 0.0155 | 0.155 | 0.0044 | 0.14 | 0.9 | 0.17 | 64 | 0.0013 | 0.0013 | 0.12 | 0.06 |
| | Median | 39 | 160 | 115 | 0.3 | 36.8 | 0.37 | 0.0155 | 0.155 | 0.00155 | 0.14 | 1 | 0.2 | 59.3 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | St. Deviation | 11.7 | 60 | 40 | 1.3 | 25.9 | 0.129 | NA | NA | 0.0049 | NA | 0.2 | 0.09 | 31 | 0.001 | 0.001 | 0.061 | 0.078 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 25.2 | 130 | 92.5 | 0.163 | 1.57 | 0.165 | 0.0155 | 0.155 | 0.00155 | 0.14 | 0.723 | 0.072 | 35.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 |
| | Maximum | 48.5 | 241 | 170 | 2.5 | 52 | 0.403 | 0.0155 | 0.155 | 0.01 | 0.14 | 1.1 | 0.236 | 97.1 | 0.0025 | 0.0025 | 0.155 | 0.15 |
| | % of values undetected | | | | 67% | 33% | | 300% | | 67% | | | | | 100% | 100% | 100% | 100% |
| | # of values between MDL and PQL | | | | 1 | | | | | 1 | | 1 | 2 | | | | | |
| SRK15 | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 28.4 | 270 | 135 | 0.375 | 46.0 | | | | | | 0.872 | 0.152 | 174 | 0.00075 | 0.0025 | | |
| | 05/27/07 | 19.9 | 190 | 77.5 | 0.165 | 27.8 | 0.112 | | | 0.00155 | | 0.969 | 0.0640 | 45.8 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | Mean | 24.2 | 230 | 106 | 0.27 | 36.9 | 0.112 | NA | NA | 0.00155 | NA | 0.921 | 0.108 | 110 | 0.00075 | 0.0016 | 0.155 | 0.0155 |
| | Median | 24.2 | 230 | 106 | 0.27 | 36.9 | 0.112 | NA | NA | 0.00155 | NA | 0.921 | 0.108 | 110 | 0.00075 | 0.0016 | 0.155 | 0.0155 |
| | St. Deviation | 6 | 60 | 41 | 0.148 | 12.9 | NA | NA | NA | NA | NA | 0.069 | 0.062 | 91 | 0 | 0.0012 | NA | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 2 | 2 | 2 | 1 | 1 |
| | Minimum | 19.9 | 190 | 77.5 | 0.165 | 27.8 | 0.112 | NA | NA | 0.00155 | NA | 0.872 | 0.064 | 45.8 | 0.00075 | 0.00075 | 0.155 | 0.0155 |
| | Maximum | 28.4 | 270 | 135 | 0.375 | 46 | 0.112 | NA | NA | 0.00155 | NA | 0.969 | 0.152 | 174 | 0.00075 | 0.0025 | 0.155 | 0.0155 |
| | % of values undetected | | | | 100% | | | | | 200% | | | | | 100% | 100% | 200% | 200% |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|----------|-----------|----------|-----------|---------|-----------|--------|-----------|-----------|-----------|---------|-----------|-------|-----------|---------|-----------|---------|-----------|----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK12 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 3730 | 3530 | 0.0075 | 0.0075 | 0.155 | 0.155 | 13.3 | 16.2 | 0.178 | 0.156 | 0.0150 | 0.0244 | 1.25 | 1.25 | 0.119 | 0.0956 | 6130 | 6790 | 0.050 | 0.050 | 11.5 | 9.66 |
| | 05/26/07 | 3000 | 3090 | 0.0075 | 0.0250 | 0.155 | 0.155 | 20.9 | 22.6 | 0.126 | 0.131 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.146 | 0.146 | 5030 | 5810 | 0.050 | 0.050 | 6.21 | 6.61 |
| | Mean | 3400 | 3310 | 0.0075 | 0.016 | 0.155 | 0.155 | 17.1 | 19.4 | 0.152 | 0.144 | 0.011 | 0.016 | 1.25 | 1.25 | 0.133 | 0.121 | 5580 | 6300 | 0.05 | 0.05 | 8.9 | 8.14 |
| | Median | 3400 | 3310 | 0.0075 | 0.016 | 0.155 | 0.155 | 17.1 | 19.4 | 0.152 | 0.144 | 0.011 | 0.016 | 1.25 | 1.25 | 0.133 | 0.121 | 5580 | 6300 | 0.05 | 0.05 | 8.9 | 8.14 |
| | St. Deviation | 500 | 310 | 0 | 0.012 | 0 | 0 | 5.4 | 4.5 | 0.037 | 0.018 | 0.005 | 0.012 | 0 | 0 | 0.019 | 0.036 | 780 | 690 | 0 | 0 | 3.7 | 2.16 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 3000 | 3090 | 0.0075 | 0.0075 | 0.155 | 0.155 | 13.3 | 16.2 | 0.126 | 0.131 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.119 | 0.0956 | 5030 | 5810 | 0.05 | 0.05 | 6.21 | 6.61 |
| | Maximum | 3730 | 3530 | 0.0075 | 0.025 | 0.155 | 0.155 | 20.9 | 22.6 | 0.178 | 0.156 | 0.015 | 0.0244 | 1.25 | 1.25 | 0.146 | 0.146 | 6130 | 6790 | 0.05 | 0.05 | 11.5 | 9.66 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | | | 50% | 50% | 100% | 100% | | | | | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | 1 | | | | | | | | | | |
| SRK13 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 3940 | 3790 | 0.0075 | 0.0075 | 0.155 | 0.155 | 16.5 | 17.0 | 0.0954 | 0.112 | 0.0150 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0524 | 5580 | 5710 | 0.050 | 0.248 | 6.66 | 7.88 |
| | 05/27/07 | 26.8 | 11.9 | 0.0075 | | 0.155 | 0.155 | 2.66 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 14400 | 14600 | 0.225 | 0.050 | 0.211 | 0.197 |
| | 10/21/07 | 7370 | 7100 | 0.2 | 0.2 | 0.25 | 0.25 | 17.3 | 18.6 | 0.2 | 0.1 | 20 | 20 | 2.5 | 2 | 0.25 | 0.25 | 7600 | 8200 | 0.25 | 0.25 | 9.6 | 9.53 |
| | Mean | 3780 | 3630 | 0.07 | 0.1 | 0.187 | 0.187 | 12.2 | 17.8 | 0.103 | 0.075 | 7 | 7 | 1.67 | 1.5 | 0.09 | 0.1 | 9200 | 9500 | 0.18 | 0.18 | 5.49 | 5.87 |
| | Median | 3940 | 3790 | 0.0075 | 0.10375 | 0.155 | 0.155 | 16.5 | 17.8 | 0.0954 | 0.1 | 0.015 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0524 | 7600 | 8200 | 0.225 | 0.248 | 6.66 | 7.88 |
| | St. Deviation | 3670 | 3550 | 0.11 | 0.14 | 0.055 | 0.055 | 8.2 | 1.1 | 0.094 | 0.054 | 12 | 12 | 0.72 | 0.43 | 0.14 | 0.13 | 4600 | 4600 | 0.11 | 0.11 | 4.8 | 4.98 |
| | # of values | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 26.8 | 11.9 | 0.0075 | 0.0075 | 0.155 | 0.155 | 2.66 | 17 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0075 | 0.0075 | 5580 | 5710 | 0.05 | 0.05 | 0.211 | 0.197 |
| | Maximum | 7370 | 7100 | 0.2 | 0.2 | 0.25 | 0.25 | 17.3 | 18.6 | 0.2 | 0.112 | 20 | 20 | 2.5 | 2 | 0.25 | 0.25 | 14400 | 14600 | 0.25 | 0.25 | 9.6 | 9.53 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 33% | 33% | 67% | 100% | 100% | 67% | 100% | 67% | | | 67% | 67% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | |
| SRK15 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 3550 | 3920 | 0.0075 | 0.0075 | 0.155 | 0.155 | 7.58 | 9.15 | 0.152 | 0.109 | 0.0075 | 0.0218 | 1.25 | 1.25 | 0.0440 | 0.0492 | 5930 | | 0.050 | 0.050 | 9.79 | 10.3 |
| | 05/27/07 | 1310 | 1270 | 0.0075 | 0.0250 | 0.155 | 0.155 | 6.00 | 7.05 | 0.0482 | 0.0420 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0346 | 0.0360 | 4830 | 5510 | 0.416 | 0.100 | 2.80 | 2.67 |
| | Mean | 2430 | 2600 | 0.0075 | 0.016 | 0.155 | 0.155 | 6.8 | 8.1 | 0.1 | 0.076 | 0.0075 | 0.0147 | 1.25 | 1.25 | 0.0393 | 0.0426 | 5380 | 5510 | 0.23 | 0.08 | 6.3 | 6.5 |
| | Median | 2430 | 2600 | 0.0075 | 0.016 | 0.155 | 0.155 | 6.8 | 8.1 | 0.1 | 0.076 | 0.0075 | 0.0147 | 1.25 | 1.25 | 0.0393 | 0.0426 | 5380 | 5510 | 0.23 | 0.08 | 6.3 | 6.5 |
| | St. Deviation | 1580 | 1870 | 0 | 0.012 | 0 | 0 | 1.1 | 1.48 | 0.073 | 0.047 | 0 | 0.0101 | 0 | 0 | 0.0066 | 0.0093 | 780 | NA | 0.26 | 0.04 | 4.94 | 5.4 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 |
| | Minimum | 1310 | 1270 | 0.0075 | 0.0075 | 0.155 | 0.155 | 6 | 7.05 | 0.0482 | 0.042 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0346 | 0.036 | 4830 | 5510 | 0.05 | 0.05 | 2.8 | 2.67 |
| | Maximum | 3550 | 3920 | 0.0075 | 0.025 | 0.155 | 0.155 | 7.58 | 9.15 | 0.152 | 0.109 | 0.0075 | 0.0218 | 1.25 | 1.25 | 0.044 | 0.0492 | 5930 | 5510 | 0.416 | 0.1 | 9.79 | 10.3 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | | | 100% | 50% | 100% | 100% | | | | | 50% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | | 1 | | | 2 | 2 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-------------|---------------|--------------|-----------|-----------|-----------|-----------|-----------------|---------------|---------------|--------|-----------|-----------|-----------|--------------|--------------|-----------|---------------|---------------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK12 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 62.5 | 45.7 | 7520 | 3360 | 0.104 | 0.186 | 4230 | 4260 | 226 | 214 | | 0.0145 | 0.0145 | 16.9 | 14.6 | 2990 | 2690 | 0.155 | 0.155 | 15900 | 0.0334 | 0.0031 |
| | 05/26/07 | 27.9 | 29.0 | 3150 | 3190 | 0.0155 | 0.050 | 2620 | 2830 | 146 | 155 | 0.00052 | 0.0075 | 0.0250 | 8.69 | 9.32 | 2450 | 2540 | 0.155 | 0.155 | 13400 | 0.0031 | 0.0031 |
| | Mean | 45.2 | 37.4 | 5340 | 3280 | 0.06 | 0.12 | 3430 | 3550 | 186 | 185 | 0.00052 | 0.011 | 0.0198 | 12.8 | 12 | 2720 | 2620 | 0.155 | 0.155 | 14700 | 0.0183 | 0.0031 |
| | Median | 45.2 | 37.4 | 5340 | 3280 | 0.06 | 0.12 | 3430 | 3550 | 186 | 185 | 0.00052 | 0.011 | 0.0198 | 12.8 | 12 | 2720 | 2620 | 0.155 | 0.155 | 14700 | 0.0183 | 0.0031 |
| | St. Deviation | 24.5 | 11.8 | 3090 | 120 | 0.063 | 0.1 | 1140 | 1010 | 57 | 42 | NA | 0.0049 | 0.0074 | 5.8 | 3.7 | 380 | 110 | 0 | 0 | 1800 | 0.0214 | 0 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 27.9 | 29 | 3150 | 3190 | 0.0155 | 0.05 | 2620 | 2830 | 146 | 155 | 0.000515 | 0.0075 | 0.0145 | 8.69 | 9.32 | 2450 | 2540 | 0.155 | 0.155 | 13400 | 0.0031 | 0.0031 |
| | Maximum | 62.5 | 45.7 | 7520 | 3360 | 0.104 | 0.186 | 4230 | 4260 | 226 | 214 | 0.000515 | 0.0145 | 0.025 | 16.9 | 14.6 | 2990 | 2690 | 0.155 | 0.155 | 15900 | 0.0334 | 0.0031 |
| | % of values undetected | | | | | 50% | 50% | | | | | | 100% | 100% | | | | | 100% | 100% | | 50% | 100% |
| | # of values between MDL and PQL | | | | | | | | | | | 1 | | | | | | | | | | | |
| SRK13 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 52.5 | 60.2 | 413 | 443 | 0.351 | 0.195 | 2740 | 2620 | 115 | 127 | 0.000475 | 0.0145 | 0.0145 | 10.4 | 12.2 | 2160 | 2370 | 0.782 | 1.13 | 12900 | 0.0031 | 0.0098 |
| | 05/27/07 | 1.45 | 1.11 | 40.4 | 11.3 | 0.0155 | | 3080 | 3230 | 0.990 | 0.854 | 0.000169 | 0.249 | 0.268 | 1.06 | 1.09 | 671 | 713 | 0.899 | 0.863 | 8120 | 0.0031 | 0.0031 |
| | 10/21/07 | 70.5 | 70.1 | 460 | 450 | 0.05 | 0.05 | 4400 | 4600 | 161 | 155 | 0.000169 | 0.25 | 0.25 | 15.5 | 15.4 | 2400 | 2600 | 1.6 | 1.4 | 18400 | 0.025 | 0.025 |
| | Mean | 41.5 | 43.8 | 304 | 301 | 0.139 | 0.123 | 3410 | 3480 | 92 | 94 | 0.000271 | 0.171 | 0.178 | 9 | 9.6 | 1740 | 1890 | 1.09 | 1.13 | 13100 | 0.01 | 0.013 |
| | Median | 52.5 | 60.2 | 413 | 443 | 0.05 | 0.1225 | 3080 | 3230 | 115 | 127 | 0.000169 | 0.249 | 0.25 | 10.4 | 12.2 | 2160 | 2370 | 0.899 | 1.13 | 12900 | 0.0031 | 0.0098 |
| | St. Deviation | 35.8 | 37.3 | 230 | 251 | 0.185 | 0.103 | 880 | 1010 | 82 | 82 | 0.000176 | 0.136 | 0.141 | 7.3 | 7.5 | 940 | 1030 | 0.44 | 0.27 | 5100 | 0.013 | 0.011 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1.45 | 1.11 | 40.4 | 11.3 | 0.0155 | 0.05 | 2740 | 2620 | 0.99 | 0.854 | 0.000169 | 0.0145 | 0.0145 | 1.06 | 1.09 | 671 | 713 | 0.782 | 0.863 | 8120 | 0.0031 | 0.0031 |
| | Maximum | 70.5 | 70.1 | 460 | 450 | 0.351 | 0.195 | 4400 | 4600 | 161 | 155 | 0.0004745 | 0.25 | 0.268 | 15.5 | 15.4 | 2400 | 2600 | 1.6 | 1.4 | 18400 | 0.025 | 0.025 |
| | % of values undetected | | | | | 67% | 50% | | | | | 100% | 67% | 67% | | | | | | | | 100% | 67% |
| | # of values between MDL and PQL | | | | 1 | | | | | | | | | | | | | | 2 | 1 | | | 1 |
| SRK15 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 15.0 | 15.9 | 692 | 724 | 0.137 | 0.236 | 3300 | 3750 | 279 | 297 | | 0.0145 | 0.0145 | 13.2 | 13.8 | 1280 | 1370 | 0.155 | 0.155 | 11000 | 0.0031 | 0.0031 |
| | 05/27/07 | 5.44 | 5.46 | 1130 | 1030 | 0.0155 | 0.122 | 1890 | 2020 | 75.0 | 70.2 | 0.0025 | 0.0075 | 0.0250 | 4.55 | 4.38 | 735 | 774 | 0.155 | 0.155 | 6120 | 0.0031 | 0.0068 |
| | Mean | 10.2 | 10.7 | 910 | 880 | 0.076 | 0.179 | 2600 | 2890 | 177 | 184 | 0.0025 | 0.011 | 0.0198 | 8.9 | 9.1 | 1010 | 1070 | 0.155 | 0.155 | 8600 | 0.0031 | 0.005 |
| | Median | 10.2 | 10.7 | 910 | 880 | 0.076 | 0.179 | 2600 | 2890 | 177 | 184 | 0.0025 | 0.011 | 0.0198 | 8.9 | 9.1 | 1010 | 1070 | 0.155 | 0.155 | 8600 | 0.0031 | 0.005 |
| | St. Deviation | 6.8 | 7.4 | 310 | 220 | 0.086 | 0.081 | 1000 | 1220 | 144 | 160 | NA | 0.0049 | 0.0074 | 6.1 | 6.7 | 390 | 420 | 0 | 0 | 3500 | 0 | 0.0026 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 5.44 | 5.46 | 692 | 724 | 0.0155 | 0.122 | 1890 | 2020 | 75 | 70.2 | 0.0025 | 0.0075 | 0.0145 | 4.55 | 4.38 | 735 | 774 | 0.155 | 0.155 | 6120 | 0.0031 | 0.0031 |
| | Maximum | 15 | 15.9 | 1130 | 1030 | 0.137 | 0.236 | 3300 | 3750 | 279 | 297 | 0.0025 | 0.0145 | 0.025 | 13.2 | 13.8 | 1280 | 1370 | 0.155 | 0.155 | 11000 | 0.0031 | 0.0068 |
| | % of values undetected | | | | | 50% | | | | | | 200% | 100% | 100% | | | | | 100% | 100% | | 100% | 50% |
| | # of values between MDL and PQL | | | | | | | | | | | | | | | | | | | | | | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|-------------|-------------|--------------|--------------|--------------|--------------|-------------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK12 | | | | | | | | | | | |
| | 10/07/06 | 3150 | 3210 | 0.0808 | 0.0554 | 0.050 | 0.050 | 0.250 | 0.250 | 38.0 | 33.6 |
| | 05/26/07 | 2790 | 3020 | 0.0652 | 0.0690 | 0.050 | 0.050 | 0.155 | 0.155 | 19.4 | 19.6 |
| | Mean | 2970 | 3120 | 0.073 | 0.0622 | 0.05 | 0.05 | 0.203 | 0.203 | 28.7 | 26.6 |
| | Median | 2970 | 3120 | 0.073 | 0.0622 | 0.05 | 0.05 | 0.203 | 0.203 | 28.7 | 26.6 |
| | St. Deviation | 250 | 130 | 0.011 | 0.0096 | 0 | 0 | 0.067 | 0.067 | 13.2 | 9.9 |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Minimum | 2790 | 3020 | 0.0652 | 0.0554 | 0.05 | 0.05 | 0.155 | 0.155 | 19.4 | 19.6 |
| | Maximum | 3150 | 3210 | 0.0808 | 0.069 | 0.05 | 0.05 | 0.25 | 0.25 | 38 | 33.6 |
| | % of values undetected | | | | | 100% | 100% | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | |
| SRK13 | | | | | | | | | | | |
| | 10/07/06 | 2750 | 2600 | 0.0776 | | 0.050 | 0.050 | 0.250 | 1.18 | 10.6 | 15.7 |
| | 05/27/07 | 4460 | 4650 | 0.0302 | 0.0250 | 0.050 | 0.050 | 0.155 | 0.155 | 0.50 | |
| | 10/21/07 | 3700 | 3900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 1 | 18 | 19 |
| | Mean | 3640 | 3700 | 0.119 | 0.14 | 0.05 | 0.05 | 0.17 | 0.78 | 10 | 17 |
| | Median | 3700 | 3900 | 0.0776 | 0.1375 | 0.05 | 0.05 | 0.155 | 1 | 10.6 | 17.35 |
| | St. Deviation | 860 | 1000 | 0.116 | 0.16 | 0 | 0 | 0.08 | 0.55 | 9 | 2 |
| | # of values | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 |
| | Minimum | 2750 | 2600 | 0.0302 | 0.025 | 0.05 | 0.05 | 0.1 | 0.155 | 0.5 | 15.7 |
| | Maximum | 4460 | 4650 | 0.25 | 0.25 | 0.05 | 0.05 | 0.25 | 1.18 | 18 | 19 |
| | % of values undetected | | | 33% | 50% | 100% | 100% | 100% | 67% | 33% | |
| | # of values between MDL and PQL | | | | | | | | | | |
| SRK15 | | | | | | | | | | | |
| | 10/07/06 | 2520 | 2910 | 0.0880 | 0.0828 | 0.050 | 0.050 | 0.250 | 0.250 | 14.9 | |
| | 05/27/07 | 2420 | 2560 | 0.0598 | 0.0590 | 0.050 | 0.050 | 0.155 | 0.155 | 6.41 | |
| | Mean | 2470 | 2740 | 0.0739 | 0.0709 | 0.05 | 0.05 | 0.203 | 0.203 | 10.7 | NA |
| | Median | 2470 | 2740 | 0.0739 | 0.0709 | 0.05 | 0.05 | 0.203 | 0.203 | 10.7 | NA |
| | St. Deviation | 70 | 250 | 0.0199 | 0.0168 | 0 | 0 | 0.067 | 0.067 | 6 | NA |
| | # of values | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| | Minimum | 2420 | 2560 | 0.0598 | 0.059 | 0.05 | 0.05 | 0.155 | 0.155 | 6.41 | NA |
| | Maximum | 2520 | 2910 | 0.088 | 0.0828 | 0.05 | 0.05 | 0.25 | 0.25 | 14.9 | NA |
| | % of values undetected | | | | | 100% | 100% | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | | |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness mg/L | Conductivity umhos/cm | Total Dissolved Solids mg/L | Total Suspended Solids mg/L | Acidity mg/L | Nitrate & Nitrite mg/L | Nitrite mg/L | Nitrate mg/L | Total Phosphorus mg/L | Orthophosphate mg/L | Chloride mg/L | Fluoride mg/L | Sulfate mg/L | Total Cyanide mg/L | WAD Cyanide mg/L | Thiocyanate mg/L | Ammonia mg/L | |
|--------------------|--|------------------|--------------------------|--------------------------------------|--------------------------------------|-----------------|------------------------------|-----------------|-----------------|-----------------------------|------------------------|------------------|------------------|-----------------|--------------------------|------------------------|---------------------|-----------------|--|
| SRK17 | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 31.6 | 80.0 | 83.8 | 3.00 | 1.57 | | | | | | 1.82 | 0.0890 | 30.3 | 0.00075 | 0.0025 | | | |
| | 05/27/07 | 30.6 | 220 | 168 | 0.1805 | 45.0 | 0.459 | | | 0.00155 | | 0.879 | 0.166 | 83.3 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 48 | 123 | 100 | 2.5 | 1 | 0.09 | | | 0.005 | | 1.2 | 0.05 | 43.5 | 0.0025 | 0.0025 | 0.05 | 0.15 | |
| | Mean | 36.7 | 140 | 117 | 1.9 | 16 | 0.27 | NA | NA | 0.003 | NA | 1.3 | 0.1 | 52.4 | 0.0013 | 0.0019 | 0.1 | 0.08 | |
| | Median | 31.6 | 123 | 100 | 2.5 | 1.57 | 0.2745 | NA | NA | 0.003275 | NA | 1.2 | 0.089 | 43.5 | 0.00075 | 0.0025 | 0.1025 | 0.08275 | |
| | St. Deviation | 9.8 | 70 | 45 | 1.5 | 25 | 0.26 | NA | NA | 0.002 | NA | 0.48 | 0.06 | 27.6 | 0.001 | 0.001 | 0.07 | 0.1 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 0 | 0 | 2 | 0 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | |
| | Minimum | 30.6 | 80 | 83.8 | 0.1805 | 1 | 0.09 | NA | NA | 0.00155 | NA | 0.879 | 0.05 | 30.3 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 48 | 220 | 168 | 3 | 45 | 0.459 | NA | NA | 0.005 | NA | 1.82 | 0.166 | 83.3 | 0.0025 | 0.0025 | 0.155 | 0.15 | |
| | % of values undetected | | | | 67% | 67% | | | | 150% | | | 33% | | 100% | 100% | 150% | 150% | |
| | # of values between MDL and PQL | | | | 1 | | | 1 | | | | 1 | 1 | | | | | | |
| SRK18 | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 35.8 | 80.0 | 73.8 | 0.410 | 6.50 | 0.323 | 0.0155 | 0.319 | 0.117 | 0.130 | 0.832 | 0.102 | 14.0 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/27/07 | 31.5 | 90.0 | 65.0 | 0.1705 | 1.57 | 0.353 | | | 0.130 | | 0.764 | 0.0760 | 17.5 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 48 | 113 | 70 | 24 | 1 | 0.18 | | | 0.25 | | 1.1 | 0.1 | 23.3 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 38.4 | 90 | 70 | 8 | 3 | 0.285 | 0.0155 | 0.319 | 0.17 | 0.13 | 0.9 | 0.09 | 18.3 | 0.0013 | 0.0013 | 0.12 | 0.03 | |
| | Median | 35.8 | 90 | 70 | 0.41 | 1.57 | 0.323 | 0.0155 | 0.319 | 0.13 | 0.13 | 0.832 | 0.1 | 17.5 | 0.00075 | 0.00075 | 0.155 | 0.025 | |
| | St. Deviation | 8.6 | 20 | 4 | 14 | 3 | 0.092 | NA | NA | 0.07 | NA | 0.18 | 0.01 | 4.7 | 0.001 | 0.001 | 0.061 | 0.018 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 31.5 | 80 | 65 | 0.1705 | 1 | 0.18 | 0.0155 | 0.319 | 0.117 | 0.13 | 0.764 | 0.076 | 14 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 48 | 113 | 73.8 | 24 | 6.5 | 0.353 | 0.0155 | 0.319 | 0.25 | 0.13 | 1.1 | 0.102 | 23.3 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | 33% | 67% | | | 300% | | | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 1 | | | | | | 1 | 2 | | | | | | |
| SRK19 | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 49.4 | 110 | 88.8 | 1.42 | 5.25 | 0.0415 | 0.0155 | 0.040 | 0.0680 | 0.100 | 1.33 | 0.105 | 20.6 | 0.00075 | 0.00075 | 0.155 | 0.050 | |
| | 05/27/07 | 57.2 | 140 | 98.8 | 7.33 | 1.57 | 0.0745 | | | 0.113 | | 0.563 | 0.0860 | 31.1 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 55 | 135 | 90 | 10 | 1 | 0.03 | | | 0.04 | | 0.9 | 0.1 | 27.3 | 0.0025 | 0.0025 | 0.05 | 0.05 | |
| | Mean | 53.9 | 130 | 92.5 | 6.3 | 2.61 | 0.0487 | 0.0155 | 0.04 | 0.07 | 0.1 | 0.93 | 0.1 | 26.3 | 0.0013 | 0.0013 | 0.12 | 0.039 | |
| | Median | 55 | 135 | 90 | 7.33 | 1.57 | 0.0415 | 0.0155 | 0.04 | 0.068 | 0.1 | 0.9 | 0.1 | 27.3 | 0.00075 | 0.00075 | 0.155 | 0.05 | |
| | St. Deviation | 4 | 20 | 5.5 | 4.4 | 2.31 | 0.0231 | NA | NA | 0.04 | NA | 0.38 | 0.01 | 5.3 | 0.001 | 0.001 | 0.061 | 0.02 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 49.4 | 110 | 88.8 | 1.42 | 1 | 0.03 | 0.0155 | 0.04 | 0.04 | 0.1 | 0.563 | 0.086 | 20.6 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 57.2 | 140 | 98.8 | 10 | 5.25 | 0.0745 | 0.0155 | 0.04 | 0.113 | 0.1 | 1.33 | 0.105 | 31.1 | 0.0025 | 0.0025 | 0.155 | 0.05 | |
| | % of values undetected | | | | 33% | 67% | | | 300% | | | | | | 100% | 100% | 100% | 100% | |
| | # of values between MDL and PQL | | | | 1 | 3 | | | 1 | 1 | | 1 | 2 | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SRK17 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 49.6 | 49.1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 9.34 | 9.34 | 0.0125 | 0.0125 | 0.0075 | 0.0186 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9540 | 10500 | 0.050 | 0.050 | 0.0594 | 0.0546 |
| | 05/27/07 | 6120 | 5910 | 0.0075 | 0.0075 | 0.155 | 0.155 | 15.9 | 18.5 | 0.135 | 0.151 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0934 | 0.0924 | 6260 | 7420 | 0.460 | 0.260 | 9.10 | 9.42 |
| | 10/21/07 | 43 | 35 | 0.2 | 0.2 | 0.25 | 0.25 | 12.6 | 12.6 | 0.05 | 0.05 | 20 | 20 | 0.25 | 0.5 | 0.05 | 0.05 | 13400 | 14300 | 0.25 | 0.25 | 0.08 | 0.06 |
| | Mean | 2070 | 2000 | 0.07 | 0.07 | 0.187 | 0.187 | 12.6 | 13.5 | 0.066 | 0.071 | 7 | 7 | 0.92 | 1 | 0.054 | 0.0536 | 9700 | 10700 | 0.25 | 0.19 | 3.1 | 3.18 |
| | Median | 49.6 | 49.1 | 0.0075 | 0.0075 | 0.155 | 0.155 | 12.6 | 12.6 | 0.05 | 0.05 | 0.0075 | 0.0186 | 1.25 | 1.25 | 0.05 | 0.05 | 9540 | 10500 | 0.25 | 0.25 | 0.08 | 0.06 |
| | St. Deviation | 3510 | 3390 | 0.11 | 0.11 | 0.055 | 0.055 | 3.3 | 4.6 | 0.063 | 0.072 | 12 | 12 | 0.58 | 0.43 | 0.0376 | 0.0371 | 3600 | 3400 | 0.21 | 0.12 | 5.2 | 5.41 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 43 | 35 | 0.0075 | 0.0075 | 0.155 | 0.155 | 9.34 | 9.34 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.25 | 0.5 | 0.0185 | 0.0185 | 6260 | 7420 | 0.05 | 0.05 | 0.0594 | 0.0546 |
| | Maximum | 6120 | 5910 | 0.2 | 0.2 | 0.25 | 0.25 | 15.9 | 18.5 | 0.135 | 0.151 | 20 | 20 | 1.25 | 1.25 | 0.0934 | 0.0924 | 13400 | 14300 | 0.46 | 0.26 | 9.1 | 9.42 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | 67% | 67% | 100% | 67% | 100% | 100% | 67% | 67% | | | 67% | 67% | | |
| | # of values between MDL and PQL | | | | | | | | | | | | 1 | | | | | | | | | 1 | 1 |
| SRK18 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 28.8 | 23.0 | 0.274 | 0.266 | 4.72 | 4.45 | 3.05 | 3.34 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 9980 | 9490 | 0.050 | 0.203 | 0.0592 | 0.0482 |
| | 05/27/07 | 20.3 | 12.7 | 0.322 | 0.317 | 4.46 | 4.75 | 3.15 | | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.54 | 0.0324 | 0.0075 | 8430 | 9450 | 0.100 | 0.050 | 0.0272 | 0.0280 |
| | 10/21/07 | 655 | 9 | 0.5 | 0.2 | 8 | 5.3 | 8.1 | 4.5 | 0.05 | 0.05 | 20 | 20 | 2.2 | 1.9 | 0.05 | 0.05 | 13400 | 13000 | 0.9 | 0.25 | 0.33 | 0.025 |
| | Mean | 235 | 15 | 0.365 | 0.261 | 5.73 | 4.83 | 4.77 | 3.92 | 0.025 | 0.025 | 7 | 7 | 1.57 | 1.9 | 0.0336 | 0.025 | 10600 | 10600 | 0.35 | 0.17 | 0.139 | 0.034 |
| | Median | 28.8 | 12.7 | 0.322 | 0.266 | 4.72 | 4.75 | 3.15 | 3.92 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.9 | 0.0324 | 0.0185 | 9980 | 9490 | 0.1 | 0.203 | 0.0592 | 0.028 |
| | St. Deviation | 364 | 7 | 0.119 | 0.059 | 1.97 | 0.43 | 2.89 | 0.82 | 0.0217 | 0.0217 | 12 | 12 | 0.55 | 0.65 | 0.0158 | 0.022 | 2500 | 2000 | 0.48 | 0.1 | 0.166 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 20.3 | 9 | 0.274 | 0.2 | 4.46 | 4.45 | 3.05 | 3.34 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0075 | 8430 | 9450 | 0.05 | 0.05 | 0.0272 | 0.025 |
| | Maximum | 655 | 23 | 0.5 | 0.317 | 8 | 5.3 | 8.1 | 4.5 | 0.05 | 0.05 | 20 | 20 | 2.2 | 2.54 | 0.05 | 0.05 | 13400 | 13000 | 0.9 | 0.25 | 0.33 | 0.0482 |
| | % of values undetected | | | | 33% | | | | | 100% | 100% | 100% | 100% | 67% | 33% | 67% | 100% | | | 67% | 67% | | 33% |
| | # of values between MDL and PQL | | | 1 | | | | | | | | | | | 1 | 1 | | | | | | | |
| SRK19 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 43.2 | 16.8 | 0.0206 | 0.0210 | 0.155 | 0.155 | 11.5 | 10.6 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.0185 | 0.0185 | 13500 | 13100 | 0.133 | 0.050 | 0.148 | 0.0408 |
| | 05/27/07 | 105 | 5.44 | 0.0778 | 0.0664 | 0.514 | 0.497 | 13.3 | 13.1 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 2.63 | 0.0318 | 0.0075 | 15300 | 15900 | 0.216 | 0.050 | 0.213 | 0.0560 |
| | 10/21/07 | 39 | 15 | 0.2 | 0.2 | 0.25 | 0.25 | 12.6 | 13.4 | 0.05 | 0.05 | 20 | 20 | 0.5 | | 0.05 | 0.05 | 14700 | 14600 | 0.25 | 0.25 | 0.06 | 0.05 |
| | Mean | 62 | 12.4 | 0.099 | 0.1 | 0.306 | 0.301 | 12.5 | 12.4 | 0.025 | 0.025 | 7 | 7 | 1 | 1.94 | 0.0334 | 0.025 | 14500 | 14500 | 0.2 | 0.12 | 0.14 | 0.049 |
| | Median | 43.2 | 15 | 0.0778 | 0.0664 | 0.25 | 0.25 | 12.6 | 13.1 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 1.25 | 1.94 | 0.0318 | 0.0185 | 14700 | 14600 | 0.216 | 0.05 | 0.148 | 0.05 |
| | St. Deviation | 37 | 6.1 | 0.092 | 0.09 | 0.186 | 0.177 | 0.9 | 1.5 | 0.0217 | 0.0217 | 12 | 12 | 0.43 | 0.98 | 0.0158 | 0.022 | 900 | 1400 | 0.06 | 0.12 | 0.077 | 0.008 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 39 | 5.44 | 0.0206 | 0.021 | 0.155 | 0.155 | 11.5 | 10.6 | 0.0125 | 0.0125 | 0.0075 | 0.0075 | 0.5 | 1.25 | 0.0185 | 0.0075 | 13500 | 13100 | 0.133 | 0.05 | 0.06 | 0.0408 |
| | Maximum | 105 | 16.8 | 0.2 | 0.2 | 0.514 | 0.497 | 13.3 | 13.4 | 0.05 | 0.05 | 20 | 20 | 1.25 | 2.63 | 0.05 | 0.05 | 15300 | 15900 | 0.25 | 0.25 | 0.213 | 0.056 |
| | % of values undetected | | | 33% | 33% | 67% | 67% | | | 100% | 100% | 100% | 100% | 100% | 50% | 67% | 100% | | | 33% | 100% | | |
| | # of values between MDL and PQL | | | 1 | 1 | | | 1 | | | | | | | 1 | 1 | | | | | 1 | 1 | 1 |

2004-2007 Pebble Project Seep Water Results Summary

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|--------|-----------|-------|-----------|--------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|--------|-----------|-----------|-----------|----------|-----------|-----------|--------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK17 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/07/06 | 0.742 | 0.666 | 114 | 86.4 | 0.172 | 0.146 | 1880 | 1910 | 3.07 | 2.75 | | 0.0145 | 0.0145 | 0.537 | 0.484 | 877 | 859 | 0.155 | 0.155 | 7790 | 0.0031 | 0.0031 |
| | 05/27/07 | 62.5 | 64.9 | 453 | 444 | 0.050 | | 3640 | 4170 | 154 | 160 | 0.0025 | 0.0075 | 0.0250 | 14.3 | 15.0 | 2270 | 2510 | 1.45 | 1.42 | 17300 | 0.0031 | 0.0031 |
| | 10/21/07 | 1.7 | 1.4 | 25 | 25 | 0.05 | 0.05 | 2700 | 2900 | 1.5 | 0.7 | 0.000478 | 0.25 | 0.25 | 0.3 | 1 | 400 | 500 | 0.05 | 0.05 | 9600 | 0.025 | 0.025 |
| | Mean | 21.6 | 22.3 | 197 | 185 | 0.09 | 0.098 | 2740 | 2990 | 53 | 50 | 0.0015 | 0.09 | 0.1 | 5 | 5 | 1180 | 1290 | 0.55 | 0.54 | 11600 | 0.01 | 0.01 |
| | Median | 1.7 | 1.4 | 114 | 86.4 | 0.05 | 0.098 | 2700 | 2900 | 3.07 | 2.75 | 0.001489 | 0.0145 | 0.025 | 0.537 | 1 | 877 | 859 | 0.155 | 0.155 | 9600 | 0.0031 | 0.0031 |
| | St. Deviation | 35.4 | 36.9 | 226 | 226 | 0.07 | 0.068 | 880 | 1130 | 88 | 90 | 0.0014 | 0.14 | 0.13 | 8 | 8 | 970 | 1070 | 0.78 | 0.76 | 5000 | 0.013 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 0.742 | 0.666 | 25 | 25 | 0.05 | 0.05 | 1880 | 1910 | 1.5 | 0.7 | 0.000478 | 0.0075 | 0.0145 | 0.3 | 0.484 | 400 | 500 | 0.05 | 0.05 | 7790 | 0.0031 | 0.0031 |
| | Maximum | 62.5 | 64.9 | 453 | 444 | 0.172 | 0.146 | 3640 | 4170 | 154 | 160 | 0.0025 | 0.25 | 0.25 | 14.3 | 15 | 2270 | 2510 | 1.45 | 1.42 | 17300 | 0.025 | 0.025 |
| | % of values undetected | | | 33% | 33% | 67% | 50% | | | | | 75% | 100% | 100% | 33% | | | | 67% | 67% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | | | | | | 1 | 1 | | | | 1 | 1 | 1 | | | | | |
| SRK18 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 6.92 | 5.93 | 56.3 | 36.6 | 0.0472 | 0.0155 | 2650 | 2760 | 3.64 | 0.681 | 0.00446 | 6.93 | 6.93 | 0.336 | 0.340 | 626 | 600 | 0.461 | 0.522 | 6550 | 0.0140 | 0.0031 |
| | 05/27/07 | 5.46 | 5.02 | 35.0 | 22.6 | 0.327 | | 2530 | 2920 | 0.464 | 0.269 | 0.0025 | 9.92 | 10.4 | 0.402 | 0.451 | 530 | 611 | 0.769 | 0.693 | 5920 | 0.0031 | 0.0031 |
| | 10/21/07 | 45.2 | 4.9 | 550 | 60 | 0.25 | 0.05 | 3700 | 3800 | 38.8 | 0.25 | 0.00817 | 11.5 | 9.4 | 1 | 0.9 | 700 | 600 | 1.4 | 0.8 | 7300 | 0.12 | 0.025 |
| | Mean | 19.2 | 5.28 | 210 | 39.7 | 0.208 | 0.03 | 2960 | 3160 | 14.3 | 0.4 | 0.00504 | 9.5 | 8.9 | 0.58 | 0.56 | 620 | 600 | 0.88 | 0.672 | 6590 | 0.05 | 0.01 |
| | Median | 6.92 | 5.02 | 56.3 | 36.6 | 0.25 | 0.03275 | 2650 | 2920 | 3.64 | 0.269 | 0.00446 | 9.92 | 9.4 | 0.402 | 0.451 | 626 | 600 | 0.769 | 0.693 | 6550 | 0.014 | 0.0031 |
| | St. Deviation | 22.5 | 0.56 | 290 | 18.9 | 0.145 | 0.02 | 640 | 560 | 21.3 | 0.244 | 0.00288 | 2.3 | 1.8 | 0.37 | 0.3 | 90 | 10 | 0.48 | 0.14 | 690 | 0.06 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 5.46 | 4.9 | 35 | 22.6 | 0.0472 | 0.0155 | 2530 | 2760 | 0.464 | 0.25 | 0.0025 | 6.93 | 6.93 | 0.336 | 0.34 | 530 | 600 | 0.461 | 0.522 | 5920 | 0.0031 | 0.0031 |
| | Maximum | 45.2 | 5.93 | 550 | 60 | 0.327 | 0.05 | 3700 | 3800 | 38.8 | 0.681 | 0.00817 | 11.5 | 10.4 | 1 | 0.9 | 700 | 611 | 1.4 | 0.8 | 7300 | 0.12 | 0.025 |
| | % of values undetected | | | | | 33% | 100% | | | | | 33% | 33% | | | | | | | | | 33% | 100% |
| | # of values between MDL and PQL | | | | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | 2 | 2 | | 2 | |
| SRK19 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 2.91 | 2.13 | 221 | 45.9 | 0.0358 | 0.0155 | 3810 | 3710 | 20.5 | 0.954 | 0.00104 | 7.57 | 6.89 | 0.505 | 0.301 | 811 | 766 | 0.155 | 0.155 | 6210 | 0.0031 | 0.0031 |
| | 05/27/07 | 1.37 | 0.587 | 401 | 32.7 | 0.050 | 0.050 | 4590 | 4850 | 14.1 | 2.29 | 0.0025 | 14.6 | 15.1 | 0.604 | 0.476 | 609 | 653 | 1.53 | 1.44 | 8190 | 0.0031 | 0.0031 |
| | 10/21/07 | 1.7 | 1.3 | 70 | 10 | 0.05 | 0.05 | 4500 | 4400 | 1.5 | 0.25 | 0.000874 | 8.8 | 8.9 | 0.3 | 0.9 | 500 | 700 | 0.7 | 0.6 | 8300 | 0.025 | 0.025 |
| | Mean | 1.99 | 1.34 | 231 | 29.5 | 0.045 | 0.039 | 4300 | 4320 | 12 | 1.16 | 0.00147 | 10.3 | 10.3 | 0.47 | 0.559 | 640 | 706 | 0.8 | 0.73 | 7570 | 0.01 | 0.01 |
| | Median | 1.7 | 1.3 | 221 | 32.7 | 0.05 | 0.05 | 4500 | 4400 | 14.1 | 0.954 | 0.00104 | 8.8 | 8.9 | 0.505 | 0.476 | 609 | 700 | 0.7 | 0.6 | 8190 | 0.0031 | 0.0031 |
| | St. Deviation | 0.81 | 0.77 | 166 | 18.2 | 0.008 | 0.02 | 430 | 570 | 9.7 | 1.04 | 0.00089 | 3.8 | 4.3 | 0.155 | 0.308 | 158 | 57 | 0.69 | 0.65 | 1180 | 0.013 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1.37 | 0.587 | 70 | 10 | 0.0358 | 0.0155 | 3810 | 3710 | 1.5 | 0.25 | 0.000874 | 7.57 | 6.89 | 0.3 | 0.301 | 500 | 653 | 0.155 | 0.155 | 6210 | 0.0031 | 0.0031 |
| | Maximum | 2.91 | 2.13 | 401 | 45.9 | 0.05 | 0.05 | 4590 | 4850 | 20.5 | 2.29 | 0.0025 | 14.6 | 15.1 | 0.604 | 0.9 | 811 | 766 | 1.53 | 1.44 | 8300 | 0.025 | 0.025 |
| | % of values undetected | | | | 33% | 67% | 100% | | | | | 33% | | | 33% | | | | 33% | 33% | | 100% | 100% |
| | # of values between MDL and PQL | 1 | 1 | | | 1 | | | | | | 2 | | | | 1 | 1 | 1 | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--------|-----------|----------|-----------|-------|-----------|----------|-----------|-------|-----------|
| | | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved | Total | Dissolved |
| | | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| SRK17 | | | | | | | | | | | |
| | 10/07/06 | 3980 | 4060 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.250 | 0.250 | 2.03 | 1.69 |
| | 05/27/07 | 3310 | 3810 | 0.113 | 0.102 | 0.050 | 0.050 | 0.155 | 0.155 | 16.7 | 19.5 |
| | 10/21/07 | 4800 | 5200 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 1 | 5 |
| | Mean | 4030 | 4360 | 0.06 | 0.05 | 0.05 | 0.05 | 0.17 | 0.3 | 6.6 | 8.7 |
| | Median | 3980 | 4060 | 0.05 | 0.05 | 0.05 | 0.05 | 0.155 | 0.25 | 2.03 | 5 |
| | St. Deviation | 750 | 740 | 0.05 | 0.05 | 0 | 0 | 0.08 | 0.18 | 8.8 | 9.5 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 3310 | 3810 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.155 | 1 | 1.69 |
| | Maximum | 4800 | 5200 | 0.113 | 0.102 | 0.05 | 0.05 | 0.25 | 0.5 | 16.7 | 19.5 |
| | % of values undetected | | | 67% | 67% | 100% | 100% | 100% | 100% | 33% | 33% |
| | # of values between MDL and PQL | | | | | | | | | | |
| SRK18 | | | | | | | | | | | |
| | 10/08/06 | 3250 | 3390 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.881 | 0.664 | 0.50 | |
| | 05/27/07 | 3340 | 3820 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.336 | 0.470 | 1.60 | |
| | 10/21/07 | 4300 | 4600 | 0.25 | 0.05 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | Mean | 3630 | 3940 | 0.09 | 0.02 | 0.05 | 0.05 | 0.572 | 0.54 | 1 | 5 |
| | Median | 3340 | 3820 | 0.005 | 0.005 | 0.05 | 0.05 | 0.5 | 0.5 | 1 | 5 |
| | St. Deviation | 580 | 610 | 0.14 | 0.026 | 0 | 0 | 0.28 | 0.1 | 0.6 | NA |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |
| | Minimum | 3250 | 3390 | 0.005 | 0.005 | 0.05 | 0.05 | 0.336 | 0.47 | 0.5 | 5 |
| | Maximum | 4300 | 4600 | 0.25 | 0.05 | 0.05 | 0.05 | 0.881 | 0.664 | 1.6 | 5 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | 33% | 33% | 67% | 100% |
| | # of values between MDL and PQL | | | | | | | 2 | 2 | | |
| SRK19 | | | | | | | | | | | |
| | 10/08/06 | 3550 | 3460 | 0.0050 | 0.0050 | 0.050 | 0.050 | 0.509 | 0.250 | 0.50 | |
| | 05/27/07 | 4380 | 4790 | 0.0100 | 0.0050 | 0.050 | 0.050 | 0.504 | 0.310 | 1.04 | |
| | 10/21/07 | 4500 | 4400 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 1 | 5 |
| | Mean | 4140 | 4220 | 0.09 | 0.09 | 0.05 | 0.05 | 0.371 | 0.22 | 0.8 | 5 |
| | Median | 4380 | 4400 | 0.01 | 0.005 | 0.05 | 0.05 | 0.504 | 0.25 | 1 | 5 |
| | St. Deviation | 520 | 680 | 0.14 | 0.14 | 0 | 0 | 0.235 | 0.11 | 0.3 | NA |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 1 |
| | Minimum | 3550 | 3460 | 0.005 | 0.005 | 0.05 | 0.05 | 0.1 | 0.1 | 0.5 | 5 |
| | Maximum | 4500 | 4790 | 0.25 | 0.25 | 0.05 | 0.05 | 0.509 | 0.31 | 1.04 | 5 |
| | % of values undetected | | | 67% | 100% | 100% | 100% | 33% | 67% | 67% | 100% |
| | # of values between MDL and PQL | | | 1 | | | | 2 | 1 | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Hardness | Conductivity | Total Dissolved Solids | Total Suspended Solids | Acidity | Nitrate & Nitrite | Nitrite | Nitrate | Total Phosphorus | Orthophosphate | Chloride | Fluoride | Sulfate | Total Cyanide | WAD Cyanide | Thiocyanate | Ammonia | |
|--------------------|--|--|--------------|------------------------|------------------------|---------|-------------------|---------------|---------------|------------------|----------------|------------|------------|---------|----------------|----------------|--------------|---------------|------|
| | | mg/L | umhos/cm | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| SRKST6 | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 19.4 | 105 | 81.3 | 1.45 | 21.8 | 0.0555 | 0.0155 | 0.0540 | 0.00155 | 0.0600 | 1.09 | 0.323 | 44.8 | 0.00075 | 0.00075 | 0.155 | 0.123 | |
| | 05/27/07 | 26.7 | 145 | 98.8 | 1.04 | 26.0 | 0.130 | | | 0.0164 | | 0.695 | 0.269 | 57.2 | 0.00075 | 0.00075 | 0.155 | 0.0155 | |
| | 10/21/07 | 45 | 234 | 150 | 2.5 | 50 | 0.18 | | | 0.005 | | 1.2 | 0.4 | 96.9 | 0.0025 | 0.0025 | 0.05 | 0.025 | |
| | Mean | 30.4 | 161 | 110 | 1.66 | 33 | 0.12 | 0.0155 | 0.054 | 0.0077 | 0.06 | 1 | 0.331 | 66.3 | 0.0013 | 0.0013 | 0.12 | 0.055 | |
| | Median | 26.7 | 145 | 98.8 | 1.45 | 26 | 0.13 | 0.0155 | 0.054 | 0.005 | 0.06 | 1.09 | 0.323 | 57.2 | 0.00075 | 0.00075 | 0.155 | 0.025 | |
| | St. Deviation | 13.2 | 66 | 36 | 0.75 | 15 | 0.06 | NA | NA | 0.0078 | NA | 0.27 | 0.066 | 27.2 | 0.001 | 0.001 | 0.061 | 0.06 | |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 1 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | |
| | Minimum | 19.4 | 105 | 81.3 | 1.04 | 21.8 | 0.0555 | 0.0155 | 0.054 | 0.00155 | 0.06 | 0.695 | 0.269 | 44.8 | 0.00075 | 0.00075 | 0.05 | 0.0155 | |
| | Maximum | 45 | 234 | 150 | 2.5 | 50 | 0.18 | 0.0155 | 0.054 | 0.0164 | 0.06 | 1.2 | 0.4 | 96.9 | 0.0025 | 0.0025 | 0.155 | 0.123 | |
| | % of values undetected | | | | | 33% | | | | 67% | | | | | 100% | 100% | 100% | 67% | |
| | # of values between MDL and PQL | | | | | | | 1 | 1 | | | 1 | 1 | 1 | | | | | |
| | | Key: | | | | | | | | | | | | | | | | | |
| | | Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 PQL. | | | | | | | | | | | | | | | | | |
| | | If result was not detected at the lab MDL, the value shown is 1/2 MDL. | | | | | | | | | | | | | | | | | |
| | | If flagged U or UJ, the value shown is 1/2 PQL. | | | | | | | | | | | | | | | | | |
| | | Green Results = Estimate result reported by laboratory below reporting limit (PQL). | | | | | | | | | | | | | | | | | |
| | | MDL = Method Detection Limit. | | | | | | | | | | | | | | | | | |
| | | PQL = Practical Quantitation Limit. | | | | | | | | | | | | | | | | | |
| | | NA = Not Applicable | | | | | | | | | | | | | | | | | |
| | | WAD Cyanide = Weak Acid Dissociable Cyanide | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Aluminum | | Antimony | | Arsenic | | Barium | | Beryllium | | Bismuth | | Boron | | Cadmium | | Calcium | | Chromium | | Cobalt | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SRKST6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 2170 | 2060 | 0.0075 | 0.0075 | 0.155 | 0.155 | 7.20 | 7.74 | 0.155 | 0.130 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.178 | 0.174 | 4880 | 5580 | 0.050 | 0.050 | 11.7 | 11.8 |
| | 05/27/07 | 3640 | 3540 | 0.0250 | 0.0075 | 0.155 | 0.155 | 11.0 | 12.6 | 0.198 | 0.195 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.650 | 0.659 | 6400 | 7300 | 0.100 | 0.050 | 23.8 | 23.7 |
| | 10/21/07 | 6730 | 6240 | 0.2 | 0.2 | 0.25 | 0.25 | 15.1 | 15.1 | 0.3 | 0.3 | 20 | 20 | 1.3 | 2 | 0.25 | 0.25 | 10800 | 10900 | 0.25 | 0.25 | 27.8 | 28.3 |
| | Mean | 4180 | 3950 | 0.08 | 0.07 | 0.187 | 0.187 | 11 | 11.8 | 0.218 | 0.21 | 7 | 7 | 1.27 | 1.5 | 0.36 | 0.361 | 7400 | 7900 | 0.13 | 0.12 | 21.1 | 21.3 |
| | Median | 3640 | 3540 | 0.025 | 0.0075 | 0.155 | 0.155 | 11 | 12.6 | 0.198 | 0.195 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.25 | 0.25 | 6400 | 7300 | 0.1 | 0.05 | 23.8 | 23.7 |
| | St. Deviation | 2330 | 2120 | 0.11 | 0.11 | 0.055 | 0.055 | 4 | 3.7 | 0.074 | 0.09 | 12 | 12 | 0.03 | 0.43 | 0.25 | 0.261 | 3100 | 2700 | 0.1 | 0.12 | 8.4 | 8.5 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 2170 | 2060 | 0.0075 | 0.0075 | 0.155 | 0.155 | 7.2 | 7.74 | 0.155 | 0.13 | 0.0075 | 0.0075 | 1.25 | 1.25 | 0.178 | 0.174 | 4880 | 5580 | 0.05 | 0.05 | 11.7 | 11.8 |
| | Maximum | 6730 | 6240 | 0.2 | 0.2 | 0.25 | 0.25 | 15.1 | 15.1 | 0.3 | 0.3 | 20 | 20 | 1.3 | 2 | 0.65 | 0.659 | 10800 | 10900 | 0.25 | 0.25 | 27.8 | 28.3 |
| | % of values undetected | | | 100% | 100% | 100% | 100% | | | | | 100% | 100% | 67% | 67% | 33% | 33% | | | 100% | 100% | | |
| | # of values between MDL and PQL | | | | | | | | | 1 | 1 | | | | | | | | | | | | |
| | Key: | | | | | | | | | | | | | | | | | | | | | | |
| | Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 PQL. | | | | | | | | | | | | | | | | | | | | | | |
| | If result was not detected at the lab MDL, the value shown is 1/2 MDL. | | | | | | | | | | | | | | | | | | | | | | |
| | If flagged U or UJ, the value shown is 1/2 PQL. | | | | | | | | | | | | | | | | | | | | | | |
| | Green Results = Estimate result reported by laboratory below reporting limit (PQL). | | | | | | | | | | | | | | | | | | | | | | |
| | MDL = Method Detection Limit. | | | | | | | | | | | | | | | | | | | | | | |
| | PQL = Practical Quantitation Limit. | | | | | | | | | | | | | | | | | | | | | | |
| | NA = Not Applicable | | | | | | | | | | | | | | | | | | | | | | |
| | WAD Cyanide = Weak Acid Dissociable Cyanide | | | | | | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Copper | | Iron | | Lead | | Magnesium | | Manganese | | Mercury | Molybdenum | | Nickel | | Potassium | | Selenium | | Silicon | Silver | |
|--------------------|--|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-----------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SRKST6 | | | | | | | | | | | | | | | | | | | | | | | |
| | 10/08/06 | 1140 | 1130 | 587 | 421 | 0.0402 | 0.0448 | 1750 | 1780 | 141 | 146 | 0.00171 | 0.0566 | 0.0145 | 7.22 | 7.38 | 846 | 923 | 0.155 | 0.155 | 6220 | 0.0384 | 0.0031 |
| | 05/27/07 | 1610 | 1590 | 631 | 507 | 0.0155 | 0.116 | 2600 | 2860 | 236 | 228 | 0.0025 | 0.0250 | 0.0560 | 15.4 | 15.5 | 1200 | 1300 | 0.155 | 0.155 | 7130 | 0.0031 | 0.0031 |
| | 10/21/07 | 2540 | 2570 | 790 | 760 | 0.25 | 0.25 | 4300 | 4400 | 334 | 304 | 0.000169 | 0.25 | 0.25 | 16.6 | 17.1 | 1600 | 1600 | 0.25 | 0.25 | 10300 | 0.025 | 0.025 |
| | Mean | 1760 | 1760 | 669 | 563 | 0.102 | 0.137 | 2900 | 3010 | 237 | 226 | 0.00146 | 0.11 | 0.11 | 13.1 | 13.3 | 1200 | 1300 | 0.187 | 0.187 | 7900 | 0.022 | 0.01 |
| | Median | 1610 | 1590 | 631 | 507 | 0.0402 | 0.116 | 2600 | 2860 | 236 | 228 | 0.00171 | 0.0566 | 0.056 | 15.4 | 15.5 | 1200 | 1300 | 0.155 | 0.155 | 7130 | 0.025 | 0.0031 |
| | St. Deviation | 710 | 740 | 107 | 176 | 0.129 | 0.104 | 1300 | 1320 | 97 | 79 | 0.00119 | 0.12 | 0.13 | 5.1 | 5.2 | 400 | 300 | 0.055 | 0.055 | 2100 | 0.018 | 0.013 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1140 | 1130 | 587 | 421 | 0.0155 | 0.0448 | 1750 | 1780 | 141 | 146 | 0.000169 | 0.025 | 0.0145 | 7.22 | 7.38 | 846 | 923 | 0.155 | 0.155 | 6220 | 0.0031 | 0.0031 |
| | Maximum | 2540 | 2570 | 790 | 760 | 0.25 | 0.25 | 4300 | 4400 | 334 | 304 | 0.0025 | 0.25 | 0.25 | 16.6 | 17.1 | 1600 | 1600 | 0.25 | 0.25 | 10300 | 0.0384 | 0.025 |
| | % of values undetected | | | | | 67% | 33% | | | | | 67% | 67% | 67% | | | | | 100% | 100% | | 67% | 100% |
| | # of values between MDL and PQL | | | | | 1 | 1 | | | | | 1 | | | | | 1 | 1 | | | | | |
| | Key: | | | | | | | | | | | | | | | | | | | | | | |
| | Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 PQL. | | | | | | | | | | | | | | | | | | | | | | |
| | If result was not detected at the lab MDL, the value shown is 1/2 MDL. | | | | | | | | | | | | | | | | | | | | | | |
| | If flagged U or UJ, the value shown is 1/2 PQL. | | | | | | | | | | | | | | | | | | | | | | |
| | Green Results = Estimate result reported by laboratory below reporting limit (PQL). | | | | | | | | | | | | | | | | | | | | | | |
| | MDL = Method Detection Limit. | | | | | | | | | | | | | | | | | | | | | | |
| | PQL = Practical Quantitation Limit. | | | | | | | | | | | | | | | | | | | | | | |
| | NA = Not Applicable | | | | | | | | | | | | | | | | | | | | | | |
| | WAD Cyanide = Weak Acid Dissociable Cyanide | | | | | | | | | | | | | | | | | | | | | | |

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*Preliminary data. Do not cite or quote.

| Sample Location ID | Sample Date | Sodium | | Thallium | | Tin | | Vanadium | | Zinc | |
|--------------------|--|--|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|---------------|-------------------|
| | | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L | Total µg/L | Dissolved µg/L |
| SRKST6 | | | | | | | | | | | |
| | 10/08/06 | 1960 | 2010 | 0.0988 | 0.0894 | 0.050 | 0.050 | 0.565 | 0.250 | 28.2 | 31.1 |
| | 05/27/07 | 2390 | 2650 | 0.162 | 0.153 | 0.050 | 0.050 | 0.155 | 0.155 | 69.7 | 73.7 |
| | 10/21/07 | 3700 | 3900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.1 | 0.1 | 76 | 76 |
| | Mean | 2680 | 2850 | 0.17 | 0.164 | 0.05 | 0.05 | 0.273 | 0.17 | 58 | 60.3 |
| | Median | 2390 | 2650 | 0.162 | 0.153 | 0.05 | 0.05 | 0.155 | 0.155 | 69.7 | 73.7 |
| | St. Deviation | 910 | 960 | 0.076 | 0.081 | 0 | 0 | 0.254 | 0.08 | 26 | 25.3 |
| | # of values | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| | Minimum | 1960 | 2010 | 0.0988 | 0.0894 | 0.05 | 0.05 | 0.1 | 0.1 | 28.2 | 31.1 |
| | Maximum | 3700 | 3900 | 0.25 | 0.25 | 0.05 | 0.05 | 0.565 | 0.25 | 76 | 76 |
| | % of values undetected | | | 33% | 33% | 100% | 100% | 67% | 100% | | |
| | # of values between MDL and PQL | | | | | | | 1 | | | |
| | | Key: | | | | | | | | | |
| | | Bold Results = Parameter undetected by test, value shown is 1/2 MDL or 1/2 PQL. | | | | | | | | | |
| | | If result was not detected at the lab MDL, the value shown is 1/2 MDL. | | | | | | | | | |
| | | If flagged U or UJ, the value shown is 1/2 PQL. | | | | | | | | | |
| | | Green Results = Estimate result reported by laboratory below reporting limit (PQL). | | | | | | | | | |
| | | MDL = Method Detection Limit. | | | | | | | | | |
| | | PQL = Practical Quantitation Limit. | | | | | | | | | |
| | | NA = Not Applicable | | | | | | | | | |
| | | WAD Cyanide = Weak Acid Dissociable Cyanide | | | | | | | | | |