



Certificate of Analysis

Work Order: VC121772

To: **Kendra Johnston**
INDEPENDENCE GOLD CORP.
1410-650 WEST GEORGIA STREET
VACOUVER BC V6B 4N8

Date: Aug 21, 2012

P.O. No. : PO#: FL-90103-05/SHIPMENT YK008-FLOW
Project No. : -
No. Of Samples : 74
Date Submitted : Jul 20, 2012
Report Comprises : Pages 1 to 9
(Inclusive of Cover Sheet)

Distribution of unused material:

Active files - upstairs:

Certified By :



Satpaul Gill
QAQC Chemist

SGS Minerals Services Geochemistry Vancouver conforms to the requirements of ISO/IEC 17025 for specific tests as listed on their scope of accreditation which can be found at <http://www.scc.ca/en/search/palcan/sgs>

Report Footer:

L.N.R. = Listed not received
n.a. = Not applicable

I.S. = Insufficient Sample
-- = No result

*INF = Composition of this sample makes detection impossible by this method

M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterisk (e.g. *NAA08V) were subcontracted

Methods marked with the @ symbol (e.g. @AAS21E) denote accredited tests

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| Element Method Det.Lim. Units | WtKg WGH79 0.001 kg | Au FAA313 5 ppb | Ag ICP14B 2 ppm | Al ICP14B 0.01 % | As ICP14B 3 ppm | Be ICP14B 0.5 ppm | Ca ICP14B 0.01 % | Ba ICP14B 5 ppm | Bi ICP14B 5 ppm | Cd ICP14B 1 ppm |
|--|------------------------------|--------------------------|--------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| L399751 | 1.060 | <5 | <2 | 1.09 | 9 | 0.7 | 0.82 | 71 | <5 | <1 |
| L399752 | 1.045 | <5 | <2 | 2.63 | 11 | 0.6 | 1.52 | 222 | <5 | 1 |
| L399753 | 1.035 | <5 | <2 | 2.43 | 17 | 0.6 | 1.76 | 168 | <5 | <1 |
| L399754 | 1.010 | <5 | <2 | 2.36 | 24 | 0.6 | 1.27 | 74 | <5 | <1 |
| L399755 | 0.835 | <5 | <2 | 3.12 | 16 | 0.6 | 1.44 | 142 | <5 | 1 |
| L399756 | 1.015 | <5 | <2 | 2.67 | 15 | 0.7 | 1.82 | 137 | <5 | <1 |
| L399757 | 0.995 | <5 | <2 | 2.65 | 12 | 0.6 | 1.77 | 138 | <5 | 1 |
| L399758 | 1.310 | <5 | <2 | 2.85 | 21 | 0.5 | 1.90 | 197 | <5 | <1 |
| L399759 | 1.090 | <5 | <2 | 2.15 | 25 | 0.5 | 1.64 | 117 | <5 | <1 |
| L399760 | 1.005 | <5 | <2 | 2.08 | 68 | 0.7 | 0.94 | 314 | <5 | <1 |
| L399761 | 1.295 | <5 | <2 | 2.16 | 38 | 0.6 | 1.16 | 227 | <5 | <1 |
| L399762 | 1.015 | <5 | <2 | 1.55 | 7 | 0.6 | 0.42 | 227 | <5 | <1 |
| L399763 | 0.995 | <5 | <2 | 2.36 | 12 | 0.8 | 0.57 | 144 | <5 | <1 |
| L399764 | 1.120 | <5 | <2 | 1.78 | 20 | 0.7 | 1.38 | 71 | <5 | <1 |
| L399765 | 1.020 | <5 | <2 | 0.39 | 21 | 0.6 | 0.09 | 40 | <5 | <1 |
| L399766 | 0.950 | <5 | <2 | 0.54 | 10 | 1.1 | 1.74 | 40 | <5 | <1 |
| L399767 | 1.290 | <5 | <2 | 1.80 | 13 | 1.5 | 1.01 | 76 | <5 | <1 |
| L399768 | 1.125 | <5 | <2 | 1.36 | 11 | 0.9 | 1.23 | 77 | <5 | <1 |
| L399769 | 1.120 | <5 | <2 | 1.13 | 14 | <0.5 | 0.95 | 83 | <5 | <1 |
| L399770 | 1.220 | <5 | <2 | 1.50 | 8 | 1.0 | 0.84 | 85 | <5 | <1 |
| L399771 | 1.310 | <5 | <2 | 2.69 | 8 | 1.1 | 2.09 | 87 | <5 | <1 |
| L399772 | 0.775 | <5 | <2 | 1.42 | 22 | 0.8 | 0.63 | 58 | <5 | <1 |
| L399773 | 1.135 | <5 | <2 | 2.21 | 141 | <0.5 | 1.11 | 176 | <5 | <1 |
| L399774 | 1.185 | <5 | <2 | 2.56 | 40 | 0.6 | 1.44 | 155 | <5 | <1 |
| L399775 | 1.060 | <5 | <2 | 2.34 | 42 | <0.5 | 1.16 | 155 | <5 | 2 |
| L399776 | 1.180 | <5 | <2 | 2.85 | 11 | 0.7 | 1.80 | 127 | <5 | <1 |
| L399777 | 1.100 | <5 | <2 | 3.39 | 16 | 0.5 | 2.19 | 140 | <5 | <1 |
| L399778 | 1.340 | <5 | <2 | 2.85 | 16 | 0.7 | 2.05 | 112 | <5 | 1 |
| L399779 | 1.435 | <5 | <2 | 2.82 | 23 | 0.8 | 2.03 | 122 | <5 | <1 |
| L399780 | 1.180 | <5 | <2 | 2.34 | 20 | 0.6 | 1.77 | 173 | <5 | <1 |
| L399781 | 0.985 | <5 | <2 | 2.19 | 17 | 0.7 | 1.15 | 200 | <5 | <1 |
| L399782 | 1.240 | <5 | <2 | 2.00 | 20 | 0.6 | 1.23 | 187 | <5 | <1 |
| L399783 | 1.245 | <5 | <2 | 2.91 | 30 | 0.6 | 1.39 | 236 | <5 | <1 |
| L399784 | 1.320 | <5 | <2 | 1.71 | 32 | 0.8 | 1.66 | 98 | <5 | <1 |
| L399785 | 1.225 | <5 | <2 | 2.35 | 12 | 1.2 | 1.68 | 89 | <5 | <1 |
| L399786 | 1.060 | <5 | <2 | 0.49 | 15 | 0.6 | 0.38 | 37 | <5 | <1 |
| L399787 | 1.185 | <5 | <2 | 0.78 | 31 | 1.0 | 0.77 | 43 | <5 | <1 |
| L399788 | 1.100 | <5 | <2 | 0.45 | 8 | 0.8 | 0.38 | 28 | <5 | <1 |
| L399789 | 1.135 | <5 | <2 | 0.43 | 20 | <0.5 | 0.11 | 51 | <5 | <1 |
| L399791 | 1.258 | <5 | <2 | 0.83 | 7 | <0.5 | 0.71 | 61 | <5 | <1 |
| L399792 | 1.385 | <5 | <2 | 0.78 | <3 | 0.8 | 0.42 | 66 | <5 | <1 |
| L399793 | 1.210 | <5 | <2 | 1.21 | 11 | 1.2 | 0.81 | 53 | <5 | <1 |
| L399794 | 1.470 | <5 | <2 | 1.09 | 4 | 0.6 | 0.65 | 64 | <5 | <1 |

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| Element Method Det.Lim. Units | WtKg WGH79 0.001 kg | Au FAA313 5 ppb | Ag ICP14B 2 ppm | Al ICP14B 0.01 % | As ICP14B 3 ppm | Be ICP14B 0.5 ppm | Ca ICP14B 0.01 % | Ba ICP14B 5 ppm | Bi ICP14B 5 ppm | Cd ICP14B 1 ppm |
|--|------------------------------|--------------------------|--------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| L399795 | 1.280 | <5 | <2 | 1.27 | <3 | 0.7 | 0.94 | 81 | <5 | <1 |
| L399851 | 1.210 | <5 | <2 | 0.56 | 10 | 0.7 | 0.10 | 31 | <5 | <1 |
| L399852 | 1.205 | <5 | <2 | 2.33 | 26 | 1.9 | 1.25 | 112 | <5 | <1 |
| L399853 | 1.140 | <5 | <2 | 1.22 | 4 | 0.7 | 1.08 | 44 | <5 | <1 |
| L399855 | 1.715 | <5 | <2 | 1.25 | 9 | 0.7 | 0.98 | 66 | <5 | <1 |
| L399856 | 1.280 | <5 | <2 | 1.00 | 5 | 0.5 | 0.83 | 54 | <5 | <1 |
| L399857 | 1.130 | <5 | <2 | 2.02 | 6 | <0.5 | 1.02 | 130 | <5 | <1 |
| L399858 | 1.075 | <5 | <2 | 1.79 | 23 | 0.5 | 1.29 | 163 | <5 | 1 |
| L399859 | 1.060 | <5 | <2 | 1.57 | 24 | <0.5 | 0.94 | 115 | <5 | <1 |
| L399860 | 1.150 | <5 | <2 | 1.11 | 16 | <0.5 | 0.60 | 87 | <5 | <1 |
| L399861 | 1.265 | <5 | <2 | 3.60 | 6 | 0.8 | 1.56 | 224 | <5 | <1 |
| L399862 | 1.155 | <5 | <2 | 4.00 | 6 | <0.5 | 1.54 | 461 | <5 | <1 |
| L399863 | 1.220 | 6 | <2 | 2.32 | 44 | 0.5 | 0.42 | 196 | <5 | <1 |
| L399864 | 1.275 | <5 | <2 | 3.99 | <3 | 1.6 | 1.56 | 353 | <5 | <1 |
| L399865 | 0.885 | 7 | <2 | 1.52 | <3 | 0.6 | 1.16 | 70 | <5 | <1 |
| L399866 | 1.075 | <5 | <2 | 4.26 | 8 | <0.5 | 1.80 | 122 | <5 | <1 |
| L399867 | 1.310 | 14 | <2 | 2.72 | 17 | <0.5 | 1.12 | 125 | <5 | <1 |
| L399868 | 1.120 | <5 | <2 | 2.03 | 10 | <0.5 | 1.37 | 172 | <5 | <1 |
| L399871 | 1.105 | <5 | <2 | 1.51 | 13 | 0.9 | 0.95 | 61 | <5 | <1 |
| L399872 | 0.605 | <5 | <2 | 1.00 | 14 | 1.0 | 0.53 | 49 | <5 | <1 |
| L399873 | 1.250 | <5 | <2 | 0.63 | 62 | 0.6 | 0.31 | 37 | <5 | <1 |
| L399874 | 1.400 | <5 | <2 | 0.66 | 15 | 1.1 | 0.60 | 57 | <5 | <1 |
| L399875 | 1.070 | <5 | <2 | 0.97 | 5 | 0.5 | 0.65 | 57 | <5 | <1 |
| L399876 | 0.795 | <5 | <2 | 1.47 | <3 | 0.5 | 1.14 | 56 | <5 | <1 |
| L399877 | 1.475 | <5 | <2 | 1.12 | <3 | 0.6 | 0.86 | 56 | <5 | <1 |
| L399915 | 1.025 | 32 | <2 | 2.81 | 6 | 1.1 | 1.40 | 116 | <5 | <1 |
| L399916 | 1.030 | <5 | <2 | 1.56 | 14 | 0.6 | 1.51 | 49 | <5 | <1 |
| L399917 | 1.090 | <5 | <2 | 2.48 | 191 | 1.2 | 1.10 | 163 | <5 | <1 |
| L399918 | 0.940 | <5 | <2 | 4.39 | 8 | <0.5 | 2.14 | 204 | <5 | <1 |
| L399919 | 1.085 | <5 | <2 | 2.65 | 36 | 0.7 | 1.54 | 86 | <5 | <1 |
| L399920 | 1.125 | <5 | <2 | 0.64 | 6 | 0.7 | 0.21 | 37 | <5 | <1 |

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|--|--------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------|
| L399751 | 10 | 9 | 42.1 | 1.91 | <1 | 0.57 | 18.0 | 10 | 0.56 | 298 |
| L399752 | 10 | 24 | 6.8 | 4.00 | <1 | 1.26 | 12.1 | 41 | 1.37 | 502 |
| L399753 | 7 | 28 | 2.5 | 3.41 | <1 | 0.58 | 14.1 | 36 | 1.22 | 462 |
| L399754 | 10 | 30 | 9.9 | 4.24 | <1 | 0.21 | 11.0 | 34 | 1.26 | 410 |
| L399755 | 15 | 37 | 2.2 | 5.01 | <1 | 0.47 | 11.5 | 41 | 1.42 | 737 |
| L399756 | 13 | 35 | 3.3 | 4.27 | <1 | 0.58 | 12.4 | 40 | 1.12 | 574 |
| L399757 | 7 | 32 | <0.5 | 4.41 | <1 | 0.35 | 11.6 | 46 | 1.39 | 599 |
| L399758 | 20 | 34 | 0.9 | 4.68 | <1 | 0.79 | 11.4 | 38 | 1.61 | 771 |
| L399759 | 10 | 29 | 4.2 | 3.86 | <1 | 0.33 | 13.4 | 28 | 1.39 | 769 |
| L399760 | 9 | 38 | 8.7 | 3.16 | <1 | 0.59 | 18.4 | 33 | 0.97 | 667 |
| L399761 | 8 | 25 | 3.6 | 3.81 | <1 | 0.70 | 9.1 | 36 | 1.25 | 734 |
| L399762 | 7 | 18 | 3.3 | 2.93 | <1 | 0.52 | 27.4 | 20 | 0.75 | 554 |
| L399763 | 12 | 31 | 1.3 | 2.91 | <1 | 0.60 | 21.9 | 23 | 1.37 | 418 |
| L399764 | 5 | 86 | 5.6 | 2.45 | <1 | 0.30 | 16.3 | 23 | 1.07 | 321 |
| L399765 | 2 | 6 | 7.1 | 0.69 | <1 | 0.25 | 32.4 | 3 | 0.03 | 168 |
| L399766 | 1 | 3 | 1.4 | 0.99 | <1 | 0.23 | 33.0 | 8 | 0.09 | 426 |
| L399767 | 4 | 68 | 1.8 | 2.22 | <1 | 0.27 | 23.3 | 21 | 0.64 | 481 |
| L399768 | 3 | 39 | 5.5 | 1.80 | <1 | 0.26 | 30.6 | 11 | 0.50 | 303 |
| L399769 | 5 | 28 | 14.9 | 0.99 | <1 | 0.34 | 3.7 | 10 | 0.47 | 145 |
| L399770 | 11 | 11 | 5.8 | 2.81 | <1 | 0.70 | 16.7 | 25 | 0.88 | 381 |
| L399771 | 9 | 91 | <0.5 | 3.69 | <1 | 0.74 | 6.0 | 32 | 1.37 | 609 |
| L399772 | 13 | 25 | 37.4 | 2.37 | <1 | 0.24 | 14.9 | 14 | 0.69 | 319 |
| L399773 | 10 | 21 | 10.2 | 3.32 | <1 | 0.99 | 14.5 | 34 | 0.93 | 423 |
| L399774 | 6 | 15 | 4.9 | 2.97 | <1 | 0.80 | 12.9 | 34 | 0.89 | 341 |
| L399775 | 11 | 30 | 14.8 | 4.72 | <1 | 0.38 | 12.1 | 47 | 1.67 | 486 |
| L399776 | 10 | 66 | 8.1 | 3.86 | <1 | 0.46 | 11.6 | 45 | 1.46 | 559 |
| L399777 | 13 | 37 | 4.9 | 4.75 | <1 | 0.62 | 8.7 | 35 | 1.84 | 713 |
| L399778 | 9 | 34 | <0.5 | 5.07 | <1 | 0.26 | 12.0 | 54 | 1.58 | 786 |
| L399779 | 22 | 52 | 7.7 | 4.49 | <1 | 0.50 | 18.3 | 46 | 1.40 | 645 |
| L399780 | 11 | 31 | 3.8 | 4.24 | <1 | 0.40 | 15.2 | 31 | 1.51 | 907 |
| L399781 | 8 | 25 | 3.8 | 3.27 | <1 | 0.73 | 16.7 | 22 | 1.20 | 634 |
| L399782 | 8 | 26 | 8.5 | 3.35 | <1 | 0.49 | 17.0 | 26 | 1.15 | 728 |
| L399783 | 9 | 64 | 24.6 | 3.37 | <1 | 0.97 | 11.2 | 27 | 1.50 | 645 |
| L399784 | 8 | 29 | 3.4 | 3.22 | <1 | 0.29 | 13.1 | 12 | 0.85 | 335 |
| L399785 | 8 | 27 | 9.5 | 2.10 | <1 | 0.25 | 28.8 | 26 | 0.73 | 288 |
| L399786 | 1 | 6 | 4.3 | 1.01 | <1 | 0.16 | 34.3 | 5 | 0.14 | 221 |
| L399787 | 3 | 5 | 2.0 | 1.08 | <1 | 0.22 | 30.9 | 8 | 0.15 | 248 |
| L399788 | 1 | 5 | 2.1 | 0.96 | <1 | 0.26 | 32.9 | 4 | 0.05 | 215 |
| L399789 | 2 | 12 | 12.4 | 1.06 | <1 | 0.16 | 19.7 | 5 | 0.14 | 101 |
| L399791 | 5 | 35 | 4.8 | 0.83 | <1 | 0.38 | 5.9 | 9 | 0.36 | 179 |
| L399792 | 4 | 23 | 8.4 | 1.51 | <1 | 0.30 | 16.5 | 11 | 0.39 | 226 |
| L399793 | 10 | 7 | 16.3 | 3.12 | <1 | 0.31 | 22.7 | 14 | 0.62 | 446 |
| L399794 | 8 | 8 | 11.3 | 1.80 | <1 | 0.53 | 22.1 | 14 | 0.50 | 271 |

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|--|--------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------|
| L399795 | 6 | 23 | 9.2 | 1.98 | <1 | 0.36 | 9.3 | 12 | 0.66 | 255 |
| L399851 | 2 | 5 | 2.5 | 0.99 | <1 | 0.29 | 55.7 | 6 | 0.07 | 211 |
| L399852 | 6 | 42 | 4.9 | 2.44 | <1 | 0.55 | 17.0 | 26 | 0.79 | 335 |
| L399853 | 4 | 22 | 4.0 | 1.75 | <1 | 0.35 | 16.6 | 15 | 0.58 | 289 |
| L399855 | 5 | 35 | 6.7 | 1.27 | <1 | 0.45 | 5.7 | 13 | 0.57 | 213 |
| L399856 | 4 | 36 | 4.0 | 1.62 | <1 | 0.37 | 6.2 | 12 | 0.54 | 221 |
| L399857 | 11 | 39 | 19.4 | 3.78 | 2 | 0.70 | 12.3 | 28 | 0.93 | 405 |
| L399858 | 9 | 37 | 12.5 | 3.98 | <1 | 0.46 | 11.7 | 26 | 0.91 | 452 |
| L399859 | 11 | 65 | 50.1 | 3.66 | <1 | 0.42 | 12.4 | 26 | 0.85 | 317 |
| L399860 | 5 | 45 | 29.0 | 2.89 | <1 | 0.29 | 18.2 | 27 | 0.69 | 301 |
| L399861 | 24 | 67 | 110 | 3.85 | <1 | 0.66 | 6.6 | 33 | 1.31 | 407 |
| L399862 | 20 | 141 | 34.8 | 3.91 | <1 | 1.00 | 2.2 | 35 | 1.81 | 542 |
| L399863 | 14 | 52 | 129 | 3.33 | <1 | 0.61 | 10.7 | 37 | 1.43 | 417 |
| L399864 | 7 | 61 | 89.7 | 3.64 | <1 | 0.84 | 39.7 | 51 | 1.20 | 341 |
| L399865 | 2 | 4 | 4.1 | 2.17 | 1 | 0.45 | 19.8 | 30 | 0.80 | 408 |
| L399866 | 8 | 8 | 47.3 | 3.73 | <1 | 0.53 | 4.5 | 45 | 1.10 | 335 |
| L399867 | 18 | 138 | 65.2 | 3.60 | <1 | 0.77 | 1.6 | 21 | 1.40 | 222 |
| L399868 | 13 | 108 | 45.0 | 2.92 | <1 | 0.32 | 14.0 | 24 | 0.80 | 278 |
| L399871 | 4 | 24 | 1.7 | 1.56 | 1 | 0.16 | 31.4 | 15 | 0.52 | 343 |
| L399872 | 3 | 13 | 4.3 | 1.24 | 1 | 0.24 | 39.7 | 10 | 0.23 | 242 |
| L399873 | 4 | 21 | 8.6 | 1.20 | <1 | 0.15 | 23.4 | 7 | 0.27 | 218 |
| L399874 | 2 | 25 | 6.2 | 1.68 | <1 | 0.16 | 30.0 | 7 | 0.28 | 384 |
| L399875 | 6 | 18 | 12.6 | 1.41 | 1 | 0.26 | 17.1 | 11 | 0.43 | 208 |
| L399876 | 6 | 52 | 1.2 | 1.94 | <1 | 0.34 | 4.7 | 16 | 0.72 | 322 |
| L399877 | 4 | 34 | 6.0 | 1.56 | <1 | 0.30 | 7.8 | 13 | 0.67 | 250 |
| L399915 | 4 | 193 | 22.4 | 3.12 | <1 | 0.79 | 26.1 | 35 | 1.41 | 424 |
| L399916 | 4 | 66 | 6.6 | 0.91 | <1 | 0.12 | 10.9 | 13 | 0.40 | 228 |
| L399917 | 8 | 54 | 21.0 | 3.63 | <1 | 0.65 | 27.7 | 24 | 1.02 | 379 |
| L399918 | 15 | 109 | 21.4 | 2.71 | <1 | 0.62 | 4.4 | 28 | 1.70 | 324 |
| L399919 | 8 | 123 | 11.7 | 2.50 | 2 | 0.36 | 8.8 | 27 | 1.07 | 476 |
| L399920 | 2 | 8 | 8.7 | 1.37 | <1 | 0.17 | 36.4 | 10 | 0.22 | 163 |

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| Element Method Det.Lim. Units | Mo ICP14B 1 ppm | Na ICP14B 0.01 % | Ni ICP14B 1 ppm | P ICP14B 0.01 % | Pb ICP14B 2 ppm | S ICP14B 0.01 % | Sb ICP14B 5 ppm | Sc ICP14B 0.5 ppm | Sn ICP14B 10 ppm | Sr ICP14B 0.5 ppm |
|--|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------------------|
| L399751 | 1 | 0.11 | 9 | 0.09 | 5 | 0.07 | <5 | 1.9 | <10 | 31.7 |
| L399752 | 1 | 0.26 | 4 | 0.18 | <2 | 0.12 | <5 | 5.8 | <10 | 118 |
| L399753 | <1 | 0.17 | 6 | 0.15 | <2 | 0.04 | <5 | 8.1 | <10 | 85.5 |
| L399754 | 1 | 0.20 | 7 | 0.15 | 9 | 1.09 | <5 | 8.8 | <10 | 98.6 |
| L399755 | <1 | 0.18 | 6 | 0.15 | <2 | 0.24 | <5 | 10.5 | <10 | 94.2 |
| L399756 | 2 | 0.22 | 6 | 0.15 | <2 | 0.20 | <5 | 9.8 | <10 | 110 |
| L399757 | <1 | 0.15 | 7 | 0.16 | <2 | 0.01 | <5 | 9.3 | <10 | 86.4 |
| L399758 | <1 | 0.17 | 7 | 0.15 | <2 | 0.03 | <5 | 9.9 | <10 | 90.3 |
| L399759 | <1 | 0.15 | 8 | 0.14 | <2 | 0.02 | <5 | 6.0 | <10 | 69.4 |
| L399760 | 1 | 0.09 | 16 | 0.07 | 5 | 0.04 | 7 | 7.0 | <10 | 44.4 |
| L399761 | 1 | 0.07 | 6 | 0.10 | <2 | 0.04 | <5 | 8.9 | <10 | 37.4 |
| L399762 | <1 | 0.09 | 12 | 0.07 | 5 | <0.01 | <5 | 3.2 | <10 | 32.1 |
| L399763 | <1 | 0.12 | 13 | 0.03 | <2 | 0.26 | <5 | 6.0 | <10 | 31.4 |
| L399764 | <1 | 0.17 | 17 | 0.09 | 33 | 0.03 | <5 | 6.6 | <10 | 64.1 |
| L399765 | <1 | 0.05 | 4 | <0.01 | 6 | 0.01 | <5 | <0.5 | <10 | 6.7 |
| L399766 | <1 | 0.08 | 3 | <0.01 | <2 | <0.01 | <5 | 0.7 | <10 | 76.8 |
| L399767 | <1 | 0.16 | 13 | 0.04 | 16 | <0.01 | <5 | 5.7 | <10 | 48.8 |
| L399768 | 1 | 0.13 | 10 | 0.03 | 2 | 0.01 | <5 | 4.3 | <10 | 42.6 |
| L399769 | <1 | 0.08 | 14 | 0.08 | 2 | <0.01 | <5 | 2.4 | <10 | 54.4 |
| L399770 | <1 | 0.07 | 4 | 0.10 | <2 | 0.01 | <5 | 2.2 | <10 | 40.7 |
| L399771 | <1 | 0.21 | 22 | 0.15 | 3 | <0.01 | <5 | 9.5 | <10 | 78.6 |
| L399772 | <1 | 0.08 | 12 | 0.06 | <2 | <0.01 | <5 | 3.6 | <10 | 34.2 |
| L399773 | 3 | 0.25 | 5 | 0.16 | 6 | 0.15 | <5 | 4.1 | <10 | 99.2 |
| L399774 | <1 | 0.29 | 5 | 0.16 | 7 | 0.09 | <5 | 4.5 | <10 | 158 |
| L399775 | 1 | 0.14 | 7 | 0.16 | 28 | 0.96 | <5 | 12.2 | <10 | 62.0 |
| L399776 | 1 | 0.21 | 16 | 0.13 | 6 | 0.13 | <5 | 7.2 | <10 | 92.7 |
| L399777 | <1 | 0.23 | 11 | 0.13 | 3 | 0.18 | <5 | 8.2 | <10 | 95.7 |
| L399778 | <1 | 0.15 | 7 | 0.16 | 6 | 0.01 | <5 | 10.7 | <10 | 89.3 |
| L399779 | <1 | 0.20 | 18 | 0.14 | 2 | 0.12 | <5 | 10.3 | <10 | 82.3 |
| L399780 | <1 | 0.16 | 10 | 0.15 | 8 | 0.03 | <5 | 8.2 | <10 | 80.3 |
| L399781 | <1 | 0.17 | 8 | 0.12 | <2 | 0.01 | <5 | 7.9 | <10 | 59.6 |
| L399782 | <1 | 0.08 | 11 | 0.09 | <2 | 0.02 | <5 | 8.0 | <10 | 39.9 |
| L399783 | 4 | 0.15 | 26 | 0.07 | <2 | 0.14 | <5 | 9.2 | <10 | 57.7 |
| L399784 | <1 | 0.22 | 7 | 0.11 | <2 | 0.06 | <5 | 6.3 | <10 | 70.1 |
| L399785 | 1 | 0.31 | 16 | 0.07 | 7 | 0.13 | <5 | 4.3 | <10 | 101 |
| L399786 | 2 | 0.06 | 4 | 0.01 | 11 | 0.02 | <5 | 0.8 | <10 | 24.0 |
| L399787 | <1 | 0.07 | 4 | 0.02 | <2 | 0.02 | <5 | 0.8 | <10 | 41.2 |
| L399788 | 1 | 0.05 | 3 | <0.01 | 4 | <0.01 | <5 | 0.7 | <10 | 8.2 |
| L399789 | 1 | 0.07 | 6 | <0.01 | <2 | <0.01 | <5 | 1.4 | <10 | 8.9 |
| L399791 | <1 | 0.05 | 8 | 0.06 | <2 | <0.01 | <5 | 2.0 | <10 | 38.7 |
| L399792 | <1 | 0.08 | 7 | 0.03 | 4 | <0.01 | <5 | 2.5 | <10 | 26.8 |
| L399793 | <1 | 0.07 | 5 | 0.10 | 11 | <0.01 | <5 | 5.5 | <10 | 45.0 |
| L399794 | 3 | 0.08 | 3 | 0.05 | 3 | 0.01 | <5 | 1.7 | <10 | 38.6 |

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| Element Method Det.Lim. Units | Mo ICP14B 1 ppm | Na ICP14B 0.01 % | Ni ICP14B 1 ppm | P ICP14B 0.01 % | Pb ICP14B 2 ppm | S ICP14B 0.01 % | Sb ICP14B 5 ppm | Sc ICP14B 0.5 ppm | Sn ICP14B 10 ppm | Sr ICP14B 0.5 ppm |
|--|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------------------|
| L399795 | 2 | 0.07 | 10 | 0.10 | 2 | <0.01 | <5 | 4.7 | <10 | 39.7 |
| L399851 | 2 | 0.05 | 3 | <0.01 | 10 | <0.01 | <5 | 0.9 | <10 | 5.8 |
| L399852 | 3 | 0.24 | 23 | 0.09 | 8 | <0.01 | <5 | 4.3 | <10 | 70.9 |
| L399853 | 2 | 0.11 | 7 | 0.07 | 10 | <0.01 | <5 | 3.7 | <10 | 46.8 |
| L399855 | 1 | 0.11 | 8 | 0.09 | 4 | <0.01 | <5 | 2.6 | <10 | 73.6 |
| L399856 | 2 | 0.08 | 8 | 0.06 | 2 | <0.01 | <5 | 2.7 | <10 | 55.4 |
| L399857 | 2 | 0.23 | 9 | 0.14 | 10 | 0.16 | <5 | 3.2 | <10 | 83.2 |
| L399858 | <1 | 0.21 | 6 | 0.17 | 11 | 0.03 | <5 | 5.4 | <10 | 84.1 |
| L399859 | 3 | 0.14 | 17 | 0.18 | 14 | 0.17 | <5 | 4.6 | <10 | 37.9 |
| L399860 | <1 | 0.09 | 9 | 0.10 | 12 | 0.04 | <5 | 3.5 | <10 | 31.8 |
| L399861 | 3 | 0.26 | 42 | 0.05 | <2 | 0.75 | <5 | 9.0 | <10 | 54.9 |
| L399862 | 1 | 0.39 | 48 | 0.04 | 43 | 0.74 | <5 | 12.8 | <10 | 62.4 |
| L399863 | 8 | 0.07 | 34 | 0.06 | 52 | 0.52 | <5 | 6.3 | <10 | 24.6 |
| L399864 | 1 | 0.18 | 24 | 0.08 | 12 | 0.18 | <5 | 7.5 | <10 | 55.2 |
| L399865 | 2 | 0.05 | 4 | 0.04 | 7 | 0.30 | <5 | 2.3 | <10 | 9.8 |
| L399866 | 2 | 0.22 | 11 | 0.02 | 4 | 1.09 | <5 | 7.7 | <10 | 78.9 |
| L399867 | <1 | 0.29 | 66 | 0.05 | 17 | 1.01 | <5 | 7.7 | <10 | 53.2 |
| L399868 | <1 | 0.23 | 64 | 0.10 | 6 | 0.48 | <5 | 5.2 | <10 | 79.5 |
| L399871 | 2 | 0.19 | 6 | 0.05 | 9 | 0.02 | <5 | 3.6 | <10 | 69.6 |
| L399872 | 1 | 0.13 | 7 | 0.02 | 7 | 0.05 | <5 | 1.7 | <10 | 45.5 |
| L399873 | 4 | 0.06 | 9 | 0.03 | 15 | 0.01 | <5 | 2.1 | <10 | 16.4 |
| L399874 | 1 | 0.04 | 8 | 0.02 | 5 | <0.01 | <5 | 2.3 | <10 | 24.8 |
| L399875 | 2 | 0.08 | 11 | 0.06 | 5 | 0.04 | <5 | 2.2 | <10 | 34.7 |
| L399876 | 1 | 0.09 | 9 | 0.06 | <2 | <0.01 | <5 | 4.3 | <10 | 53.3 |
| L399877 | 3 | 0.09 | 12 | 0.06 | 2 | <0.01 | <5 | 3.7 | <10 | 39.4 |
| L399915 | 2 | 0.26 | 50 | 0.05 | 6 | 0.05 | <5 | 4.6 | <10 | 117 |
| L399916 | 1 | 0.24 | 11 | 0.08 | 61 | 0.03 | <5 | 3.9 | <10 | 146 |
| L399917 | 2 | 0.27 | 18 | 0.10 | 26 | 0.06 | <5 | 6.1 | <10 | 92.8 |
| L399918 | 2 | 0.40 | 51 | 0.12 | <2 | 0.06 | <5 | 5.5 | <10 | 118 |
| L399919 | <1 | 0.28 | 31 | 0.09 | 48 | 0.04 | <5 | 3.5 | <10 | 141 |
| L399920 | 2 | 0.07 | 3 | 0.02 | 11 | 0.02 | <5 | 1.6 | <10 | 11.4 |

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| Element Method Det.Lim. Units | Ti ICP14B 0.01 % | V ICP14B 1 ppm | W ICP14B 10 ppm | Y ICP14B 0.5 ppm | Zn ICP14B 1 ppm | Zr ICP14B 0.5 ppm |
|--|---------------------------|-------------------------|--------------------------|---------------------------|--------------------------|----------------------------|
| L399751 | 0.26 | 32 | <10 | 5.4 | 33 | 3.6 |
| L399752 | 0.31 | 130 | <10 | 12.0 | 66 | 13.2 |
| L399753 | 0.25 | 105 | <10 | 10.4 | 55 | 6.9 |
| L399754 | 0.24 | 109 | <10 | 10.4 | 55 | 9.0 |
| L399755 | 0.28 | 147 | <10 | 11.5 | 70 | 5.8 |
| L399756 | 0.28 | 119 | <10 | 8.9 | 48 | 5.6 |
| L399757 | 0.25 | 110 | <10 | 9.6 | 74 | 6.3 |
| L399758 | 0.24 | 121 | <10 | 10.1 | 61 | 7.7 |
| L399759 | 0.25 | 101 | <10 | 8.7 | 51 | 9.1 |
| L399760 | 0.13 | 67 | <10 | 8.2 | 90 | 10.7 |
| L399761 | 0.19 | 82 | 10 | 6.8 | 55 | 7.6 |
| L399762 | 0.05 | 27 | <10 | 6.5 | 39 | 10.7 |
| L399763 | 0.08 | 53 | <10 | 11.1 | 39 | 10.1 |
| L399764 | 0.21 | 62 | <10 | 11.0 | 24 | 5.3 |
| L399765 | <0.01 | <1 | <10 | 6.1 | 8 | 3.4 |
| L399766 | <0.01 | <1 | <10 | 23.2 | 29 | 4.6 |
| L399767 | 0.14 | 29 | <10 | 8.6 | 64 | 3.5 |
| L399768 | 0.11 | 25 | <10 | 13.6 | 27 | 3.6 |
| L399769 | 0.22 | 25 | <10 | 2.5 | 11 | 4.1 |
| L399770 | 0.28 | 43 | <10 | 4.6 | 32 | 3.0 |
| L399771 | 0.33 | 89 | 10 | 6.5 | 38 | 3.6 |
| L399772 | 0.15 | 42 | <10 | 5.9 | 21 | 4.2 |
| L399773 | 0.26 | 95 | <10 | 8.1 | 112 | 7.5 |
| L399774 | 0.25 | 87 | <10 | 10.5 | 51 | 9.0 |
| L399775 | 0.25 | 127 | <10 | 10.8 | 115 | 8.8 |
| L399776 | 0.26 | 116 | 10 | 9.9 | 64 | 5.6 |
| L399777 | 0.29 | 131 | 10 | 9.4 | 55 | 5.5 |
| L399778 | 0.26 | 126 | 10 | 11.5 | 71 | 6.8 |
| L399779 | 0.22 | 107 | <10 | 10.9 | 80 | 6.0 |
| L399780 | 0.27 | 111 | <10 | 9.8 | 72 | 16.2 |
| L399781 | 0.21 | 90 | <10 | 8.5 | 49 | 6.2 |
| L399782 | 0.15 | 69 | <10 | 9.5 | 51 | 14.5 |
| L399783 | 0.17 | 84 | <10 | 7.5 | 53 | 5.0 |
| L399784 | 0.34 | 76 | <10 | 13.4 | 24 | 5.3 |
| L399785 | 0.24 | 63 | <10 | 11.6 | 24 | 3.4 |
| L399786 | 0.02 | 3 | <10 | 7.2 | 17 | 3.9 |
| L399787 | 0.02 | 3 | <10 | 9.9 | 14 | 3.5 |
| L399788 | 0.02 | <1 | <10 | 17.5 | 13 | 3.8 |
| L399789 | 0.04 | 4 | <10 | 10.0 | 10 | 10.9 |
| L399791 | 0.20 | 23 | <10 | 2.6 | 11 | 2.9 |
| L399792 | 0.13 | 24 | <10 | 6.9 | 18 | 7.7 |
| L399793 | 0.23 | 62 | <10 | 11.0 | 31 | 4.2 |
| L399794 | 0.19 | 20 | <10 | 4.7 | 21 | 4.8 |

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| Element Method Det.Lim. Units | Ti ICP14B 0.01 % | V ICP14B 1 ppm | W ICP14B 10 ppm | Y ICP14B 0.5 ppm | Zn ICP14B 1 ppm | Zr ICP14B 0.5 ppm |
|--|---------------------------|-------------------------|--------------------------|---------------------------|--------------------------|----------------------------|
| L399795 | 0.25 | 47 | <10 | 6.0 | 15 | 5.6 |
| L399851 | 0.02 | 2 | <10 | 15.8 | 20 | 3.4 |
| L399852 | 0.21 | 59 | <10 | 11.0 | 37 | 2.2 |
| L399853 | 0.24 | 39 | <10 | 8.7 | 28 | 4.9 |
| L399855 | 0.25 | 37 | <10 | 3.8 | 18 | 5.3 |
| L399856 | 0.25 | 35 | <10 | 4.5 | 17 | 2.9 |
| L399857 | 0.25 | 114 | <10 | 6.1 | 42 | 10.2 |
| L399858 | 0.25 | 144 | <10 | 7.6 | 62 | 5.7 |
| L399859 | 0.28 | 111 | <10 | 6.4 | 33 | 4.4 |
| L399860 | 0.19 | 88 | <10 | 7.6 | 39 | 11.9 |
| L399861 | 0.20 | 80 | <10 | 5.9 | 41 | 3.6 |
| L399862 | 0.24 | 152 | <10 | 2.4 | 43 | 1.4 |
| L399863 | 0.12 | 70 | <10 | 6.1 | 86 | 6.2 |
| L399864 | 0.21 | 66 | <10 | 14.8 | 48 | 3.0 |
| L399865 | 0.02 | 5 | <10 | 9.7 | 42 | 2.9 |
| L399866 | 0.09 | 72 | <10 | 3.6 | 44 | 2.6 |
| L399867 | 0.17 | 100 | <10 | 2.6 | 31 | 2.1 |
| L399868 | 0.28 | 77 | <10 | 14.1 | 23 | 4.1 |
| L399871 | 0.15 | 32 | <10 | 11.7 | 26 | 5.4 |
| L399872 | 0.06 | 12 | <10 | 13.6 | 25 | 4.8 |
| L399873 | 0.05 | 23 | <10 | 9.2 | 23 | 3.4 |
| L399874 | <0.01 | 10 | <10 | 10.0 | 21 | 3.4 |
| L399875 | 0.14 | 26 | <10 | 7.5 | 20 | 4.6 |
| L399876 | 0.24 | 44 | <10 | 4.9 | 21 | 3.6 |
| L399877 | 0.25 | 42 | <10 | 7.2 | 22 | 3.3 |
| L399915 | 0.20 | 53 | <10 | 7.4 | 34 | 4.9 |
| L399916 | 0.18 | 44 | <10 | 7.6 | 36 | 1.3 |
| L399917 | 0.27 | 75 | <10 | 11.5 | 47 | 3.9 |
| L399918 | 0.09 | 72 | <10 | 7.2 | 44 | 2.7 |
| L399919 | 0.27 | 57 | <10 | 11.8 | 61 | 3.4 |
| L399920 | 0.07 | 6 | <10 | 13.4 | 18 | 7.8 |

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