



Certificate of Analysis

Work Order: VC121473

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

Date: Aug 18, 2012

P.O. No. : PO#FL-90103-05/YK007-Flow
Project No. : -
No. Of Samples : 61
Date Submitted : Jul 16, 2012
Report Comprises : Pages 1 to 9
(Inclusive of Cover Sheet)

Distribution of unused material:

Active files - upstairs:

Certified By :

Albert Hung
Senior Chemist & Coordinator

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 |
|--|------------------------------|--------------------------|--------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| L401413 | 0.400 | <5 | <2 | 2.62 | 9 | 1.8 | 0.93 | 69 | <5 | <1 |
| L401414 | 0.725 | <5 | <2 | 1.48 | 7 | 0.5 | 0.73 | 128 | <5 | <1 |
| L401419 | 0.895 | <5 | <2 | 1.70 | 35 | 0.9 | 1.28 | 93 | <5 | <1 |
| L401420 | 1.145 | <5 | <2 | 1.34 | 12 | <0.5 | 0.80 | 51 | <5 | <1 |
| L401421 | 0.895 | <5 | <2 | 1.07 | 10 | 0.5 | 0.61 | 73 | <5 | <1 |
| L401422 | 0.850 | <5 | <2 | 1.10 | 29 | 0.8 | 0.47 | 65 | <5 | <1 |
| L401423 | 0.775 | <5 | <2 | 2.10 | 9 | <0.5 | 1.53 | 88 | <5 | <1 |
| L401424 | 0.825 | <5 | <2 | 2.45 | 7 | <0.5 | 1.23 | 213 | <5 | <1 |
| L401425 | 0.705 | 24 | <2 | 2.19 | 12 | <0.5 | 1.35 | 97 | <5 | <1 |
| L401426 | 0.730 | <5 | <2 | 2.42 | 6 | <0.5 | 1.41 | 135 | <5 | <1 |
| L401427 | 1.025 | <5 | <2 | 2.26 | 6 | <0.5 | 1.38 | 116 | <5 | <1 |
| L401428 | 1.070 | <5 | <2 | 2.47 | 11 | 0.5 | 1.46 | 111 | <5 | <1 |
| L401429 | 0.995 | <5 | <2 | 2.53 | 10 | <0.5 | 1.35 | 155 | <5 | <1 |
| L401430 | 1.120 | <5 | <2 | 2.40 | 11 | <0.5 | 1.71 | 70 | <5 | <1 |
| L401431 | 1.015 | <5 | <2 | 2.63 | 14 | <0.5 | 1.35 | 86 | <5 | <1 |
| L401432 | 1.335 | <5 | <2 | 2.30 | 16 | <0.5 | 1.39 | 96 | <5 | <1 |
| L401433 | 0.970 | <5 | <2 | 2.60 | 10 | <0.5 | 1.40 | 98 | <5 | <1 |
| L401434 | 0.945 | <5 | <2 | 2.49 | 68 | 0.7 | 1.94 | 60 | <5 | <1 |
| L401435 | 0.915 | <5 | <2 | 1.78 | 83 | 0.9 | 1.80 | 50 | <5 | <1 |
| L401436 | 0.880 | <5 | <2 | 2.84 | 44 | <0.5 | 1.19 | 139 | <5 | <1 |
| L401417 | 0.830 | <5 | <2 | 1.66 | 19 | 0.6 | 1.00 | 50 | <5 | <1 |
| L401438 | 1.115 | <5 | <2 | 2.02 | 183 | <0.5 | 0.74 | 104 | <5 | <1 |
| L401439 | 0.775 | <5 | <2 | 0.61 | 59 | <0.5 | 0.35 | 52 | <5 | <1 |
| L401441 | 1.100 | <5 | <2 | 1.91 | <3 | 0.9 | 1.20 | 57 | <5 | <1 |
| L401442 | 0.770 | <5 | <2 | 2.80 | 8 | <0.5 | 1.61 | 202 | <5 | <1 |
| L401443 | 0.825 | <5 | <2 | 2.68 | 33 | 0.5 | 1.72 | 229 | <5 | <1 |
| L401444 | 0.965 | 5 | <2 | 3.41 | 8 | <0.5 | 2.43 | 155 | <5 | <1 |
| L401445 | 0.870 | 10 | <2 | 2.45 | 13 | <0.5 | 1.40 | 111 | <5 | <1 |
| L401446 | 1.035 | <5 | <2 | 2.61 | 4 | 0.5 | 1.69 | 134 | <5 | <1 |
| L401447 | 0.900 | <5 | <2 | 2.51 | 9 | <0.5 | 2.08 | 87 | <5 | <1 |
| L401448 | 0.980 | <5 | <2 | 2.46 | 9 | <0.5 | 1.71 | 113 | <5 | <1 |
| L401449 | 0.835 | <5 | <2 | 3.30 | 12 | <0.5 | 2.01 | 141 | <5 | <1 |
| L401450 | 1.060 | <5 | <2 | 3.13 | 7 | <0.5 | 2.24 | 132 | <5 | <1 |
| L399588 | 0.970 | <5 | <2 | 0.63 | 7 | 1.2 | 0.30 | 46 | <5 | <1 |
| L399589 | 1.075 | <5 | <2 | 2.26 | 19 | 0.6 | 2.67 | 48 | <5 | <1 |
| L399590 | 1.060 | <5 | <2 | 0.34 | <3 | 0.7 | 0.66 | 43 | <5 | <1 |
| L399591 | 0.900 | <5 | <2 | 0.44 | <3 | 0.6 | 0.15 | 40 | <5 | <1 |
| L399592 | 1.080 | <5 | <2 | 0.33 | <3 | 0.9 | 0.20 | 24 | <5 | <1 |
| L399593 | 1.190 | <5 | <2 | 0.51 | <3 | 0.8 | 0.23 | 33 | <5 | <1 |
| L399594 | 0.825 | <5 | <2 | 0.69 | 8 | 1.0 | 0.32 | 39 | <5 | <1 |
| L399595 | 1.315 | <5 | <2 | 0.38 | 3 | 0.7 | 0.27 | 26 | <5 | <1 |
| L399596 | 1.055 | <5 | <2 | 0.50 | 5 | 0.9 | 0.31 | 37 | <5 | <1 |
| L399597 | 0.875 | <5 | <2 | 0.27 | 6 | 0.7 | 0.42 | 27 | <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 |
|--|------------------------------|--------------------------|--------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|--------------------------|
| L399598 | 0.875 | <5 | <2 | 0.65 | 4 | 0.8 | 0.26 | 52 | <5 | <1 |
| L399599 | 1.010 | <5 | <2 | 0.85 | 7 | 0.7 | 0.44 | 62 | <5 | <1 |
| L399600 | 0.445 | <5 | <2 | 0.06 | <3 | <0.5 | >15.0 | 18 | <5 | <1 |
| L401301 | 1.095 | <5 | <2 | 0.50 | 10 | 0.6 | 0.10 | 33 | <5 | <1 |
| L401302 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401303 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401304 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401305 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401306 | 1.095 | <5 | <2 | 1.50 | 10 | <0.5 | 0.57 | 62 | <5 | <1 |
| L401308 | 1.145 | <5 | <2 | 0.70 | 16 | 0.6 | 0.28 | 48 | <5 | <1 |
| L401309 | 1.075 | <5 | <2 | 2.05 | 130 | <0.5 | 0.79 | 223 | <5 | <1 |
| L401310 | 0.975 | <5 | <2 | 2.95 | 10 | <0.5 | 1.64 | 82 | <5 | <1 |
| L401311 | 1.215 | <5 | <2 | 1.67 | 7 | <0.5 | 0.98 | 63 | <5 | <1 |
| L401312 | 1.060 | <5 | <2 | 2.04 | 15 | <0.5 | 1.50 | 137 | <5 | <1 |
| L401313 | 1.090 | <5 | <2 | 2.32 | 50 | <0.5 | 0.96 | 280 | <5 | <1 |
| L401314 | 1.075 | <5 | <2 | 3.61 | 7 | <0.5 | 1.55 | 321 | <5 | <1 |
| L401315 | 1.380 | <5 | <2 | 4.00 | 11 | <0.5 | 1.98 | 138 | <5 | <1 |
| L401316 | 1.180 | <5 | <2 | 3.19 | 9 | <0.5 | 1.33 | 119 | <5 | <1 |

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| Element Method Det.Lim. Units | Co ICP14B 1 ppm | Cr ICP14B 1 ppm | Cu ICP14B 0.5 ppm | Fe ICP14B 0.01 % | Hg ICP14B 1 ppm | K ICP14B 0.01 % | La ICP14B 0.5 ppm | Li ICP14B 1 ppm | Mg ICP14B 0.01 % | Mn ICP14B 2 ppm |
|--|--------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------|
| L401413 | 3 | 21 | 17.2 | 1.56 | <1 | 0.82 | 29.1 | 18 | 1.27 | 273 |
| L401414 | 6 | 41 | 15.8 | 3.28 | <1 | 0.50 | 27.4 | 20 | 1.01 | 281 |
| L401419 | 15 | 29 | 24.1 | 2.61 | <1 | 0.31 | 29.2 | 18 | 0.54 | 245 |
| L401420 | 4 | 34 | 33.3 | 2.14 | <1 | 0.16 | 13.5 | 16 | 0.59 | 294 |
| L401421 | 3 | 14 | 3.6 | 0.95 | <1 | 0.12 | 12.7 | 11 | 0.29 | 237 |
| L401422 | 3 | 17 | 4.0 | 1.42 | <1 | 0.15 | 23.1 | 16 | 0.40 | 297 |
| L401423 | 10 | 21 | 4.0 | 3.61 | <1 | 0.64 | 15.8 | 36 | 1.43 | 512 |
| L401424 | 10 | 24 | 9.7 | 3.57 | <1 | 0.77 | 14.3 | 31 | 1.53 | 564 |
| L401425 | 10 | 18 | 9.4 | 3.64 | <1 | 0.48 | 13.6 | 31 | 1.34 | 538 |
| L401426 | 10 | 20 | 4.9 | 4.03 | <1 | 0.61 | 14.2 | 32 | 1.53 | 587 |
| L401427 | 7 | 24 | 3.7 | 3.85 | <1 | 0.49 | 13.2 | 35 | 1.36 | 481 |
| L401428 | 19 | 29 | 5.8 | 4.61 | <1 | 0.34 | 13.3 | 56 | 1.60 | 526 |
| L401429 | 10 | 32 | 7.8 | 4.39 | <1 | 0.55 | 12.5 | 44 | 1.62 | 469 |
| L401430 | 11 | 34 | 8.6 | 4.38 | <1 | 0.24 | 9.6 | 44 | 1.96 | 572 |
| L401431 | 12 | 36 | 12.4 | 4.87 | <1 | 0.18 | 13.2 | 51 | 1.70 | 378 |
| L401432 | 8 | 33 | 7.8 | 3.88 | <1 | 0.16 | 9.5 | 42 | 1.64 | 446 |
| L401433 | 7 | 38 | <0.5 | 4.62 | <1 | 0.33 | 11.4 | 46 | 1.72 | 655 |
| L401434 | 6 | 30 | 7.4 | 3.78 | <1 | 0.34 | 11.0 | 30 | 1.79 | 649 |
| L401435 | 9 | 113 | 10.6 | 2.92 | <1 | 0.16 | 17.0 | 22 | 1.84 | 727 |
| L401436 | 8 | 31 | 17.7 | 5.07 | <1 | 0.21 | 10.1 | 53 | 1.92 | 651 |
| L401417 | 5 | 70 | 18.4 | 2.33 | <1 | 0.20 | 25.5 | 31 | 0.85 | 370 |
| L401438 | 15 | 35 | 10.7 | 3.84 | <1 | 0.11 | 7.3 | 44 | 1.23 | 430 |
| L401439 | 4 | 29 | 7.0 | 1.71 | <1 | 0.06 | 4.9 | 8 | 0.33 | 160 |
| L401441 | 7 | 45 | 1.3 | 1.94 | <1 | 0.66 | 7.9 | 18 | 1.04 | 263 |
| L401442 | 7 | 24 | 1.8 | 4.25 | <1 | 1.28 | 13.8 | 52 | 1.72 | 460 |
| L401443 | 16 | 49 | 5.7 | 4.81 | <1 | 0.80 | 14.0 | 46 | 1.92 | 625 |
| L401444 | 10 | 49 | 5.4 | 5.26 | <1 | 1.10 | 12.0 | 53 | 2.14 | 587 |
| L401445 | 12 | 33 | 5.0 | 4.46 | <1 | 0.39 | 10.3 | 47 | 1.59 | 508 |
| L401446 | 10 | 37 | 2.3 | 4.91 | <1 | 0.71 | 12.4 | 59 | 1.77 | 507 |
| L401447 | 10 | 31 | 1.5 | 4.55 | <1 | 0.18 | 11.6 | 49 | 1.74 | 671 |
| L401448 | 12 | 30 | 5.0 | 4.22 | <1 | 0.25 | 13.8 | 45 | 1.49 | 547 |
| L401449 | 9 | 44 | 13.0 | 5.11 | <1 | 0.69 | 9.9 | 55 | 2.45 | 691 |
| L401450 | 10 | 39 | 15.9 | 5.15 | <1 | 0.73 | 9.8 | 54 | 2.42 | 695 |
| L399588 | 2 | 9 | 1.8 | 1.24 | <1 | 0.22 | 31.9 | 14 | 0.24 | 342 |
| L399589 | 11 | 174 | <0.5 | 3.09 | <1 | 0.26 | 11.7 | 49 | 2.45 | 867 |
| L399590 | <1 | 8 | 4.1 | 0.60 | <1 | 0.26 | 24.5 | 4 | 0.06 | 253 |
| L399591 | 1 | 9 | 1.9 | 0.81 | <1 | 0.18 | 20.1 | 9 | 0.14 | 148 |
| L399592 | <1 | 6 | 1.8 | 0.73 | <1 | 0.35 | 22.5 | 3 | 0.02 | 167 |
| L399593 | 3 | 8 | 1.8 | 1.19 | <1 | 0.18 | 21.1 | 15 | 0.23 | 184 |
| L399594 | 3 | 9 | 1.7 | 1.25 | <1 | 0.21 | 25.5 | 16 | 0.20 | 204 |
| L399595 | 1 | 7 | 3.8 | 0.87 | <1 | 0.21 | 28.8 | 9 | 0.11 | 195 |
| L399596 | 2 | 39 | 1.8 | 0.87 | <1 | 0.37 | 21.7 | 9 | 0.32 | 290 |
| L399597 | 1 | 8 | 1.8 | 0.57 | <1 | 0.29 | 26.8 | 3 | 0.02 | 205 |

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|--|--------------------------|--------------------------|----------------------------|---------------------------|--------------------------|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------|
| L399598 | 2 | 10 | 3.0 | 1.32 | <1 | 0.30 | 16.6 | 11 | 0.18 | 197 |
| L399599 | 2 | 9 | 9.4 | 1.36 | <1 | 0.19 | 17.9 | 12 | 0.28 | 294 |
| L399600 | <1 | 2 | <0.5 | 0.40 | <1 | 0.04 | 2.0 | <1 | 12.6 | 195 |
| L401301 | 3 | 8 | 4.7 | 1.20 | <1 | 0.16 | 24.0 | 5 | 0.16 | 198 |
| L401302 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401303 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401304 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401305 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401306 | 7 | 27 | 4.5 | 1.79 | <1 | 0.29 | 11.0 | 27 | 0.83 | 249 |
| L401308 | 3 | 7 | 5.9 | 1.22 | <1 | 0.22 | 22.3 | 14 | 0.32 | 213 |
| L401309 | 8 | 52 | 26.6 | 2.34 | <1 | 0.56 | 10.4 | 38 | 0.99 | 264 |
| L401310 | 7 | 67 | 22.2 | 2.72 | <1 | 0.31 | 5.7 | 30 | 0.38 | 248 |
| L401311 | 5 | 30 | 17.1 | 2.04 | <1 | 0.22 | 6.1 | 20 | 0.40 | 282 |
| L401312 | 7 | 67 | 6.6 | 1.63 | <1 | 0.32 | 11.8 | 12 | 0.74 | 276 |
| L401313 | 8 | 69 | 15.5 | 3.12 | <1 | 0.47 | 9.6 | 36 | 1.24 | 352 |
| L401314 | 8 | 100 | 32.2 | 2.44 | <1 | 0.87 | 13.1 | 25 | 1.31 | 354 |
| L401315 | 9 | 132 | 26.4 | 3.13 | <1 | 0.74 | 3.6 | 55 | 1.22 | 309 |
| L401316 | 3 | 8 | 19.6 | 2.75 | <1 | 0.56 | 4.1 | 31 | 0.88 | 375 |

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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 |
|--|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------------------|
| L401413 | 4 | 0.24 | 5 | 0.02 | 9 | 0.09 | <5 | 2.0 | <10 | 33.7 |
| L401414 | 3 | 0.12 | 18 | 0.10 | 14 | 0.04 | <5 | 7.1 | <10 | 35.1 |
| L401419 | 3 | 0.20 | 12 | 0.10 | 62 | 0.12 | <5 | 3.2 | <10 | 78.0 |
| L401420 | 2 | 0.15 | 10 | 0.07 | 45 | 0.14 | <5 | 2.3 | <10 | 74.8 |
| L401421 | 2 | 0.15 | 7 | 0.04 | 25 | <0.01 | <5 | 1.4 | <10 | 54.2 |
| L401422 | 2 | 0.12 | 7 | 0.02 | 8 | 0.04 | <5 | 2.0 | <10 | 27.1 |
| L401423 | 3 | 0.19 | 3 | 0.19 | 5 | <0.01 | 7 | 4.6 | <10 | 84.8 |
| L401424 | 3 | 0.21 | 4 | 0.20 | 11 | <0.01 | 10 | 3.9 | <10 | 101 |
| L401425 | 3 | 0.20 | 3 | 0.18 | 7 | <0.01 | 8 | 3.3 | <10 | 88.1 |
| L401426 | 2 | 0.20 | 4 | 0.19 | 6 | <0.01 | <5 | 5.7 | <10 | 98.0 |
| L401427 | 3 | 0.20 | 4 | 0.18 | 8 | <0.01 | 7 | 3.4 | <10 | 95.4 |
| L401428 | 2 | 0.11 | 7 | 0.16 | 6 | <0.01 | <5 | 6.7 | <10 | 54.7 |
| L401429 | 2 | 0.14 | 5 | 0.17 | 49 | <0.01 | 7 | 7.4 | <10 | 65.7 |
| L401430 | 3 | 0.11 | 5 | 0.15 | 14 | 0.44 | <5 | 8.8 | <10 | 55.3 |
| L401431 | 3 | 0.11 | 6 | 0.17 | 14 | 0.21 | <5 | 10.6 | <10 | 48.2 |
| L401432 | 3 | 0.11 | 5 | 0.16 | 16 | 0.19 | <5 | 6.6 | <10 | 62.2 |
| L401433 | 2 | 0.11 | 7 | 0.16 | 30 | <0.01 | <5 | 8.6 | <10 | 56.7 |
| L401434 | 1 | 0.16 | 19 | 0.05 | 5 | <0.01 | <5 | 9.6 | <10 | 45.6 |
| L401435 | 1 | 0.06 | 52 | 0.07 | 14 | <0.01 | 8 | 7.9 | <10 | 53.5 |
| L401436 | 2 | 0.10 | 9 | 0.15 | 26 | 0.14 | <5 | 12.0 | <10 | 50.1 |
| L401417 | 2 | 0.11 | 17 | 0.06 | 18 | <0.01 | <5 | 4.3 | <10 | 48.0 |
| L401438 | 3 | 0.09 | 11 | 0.12 | 17 | <0.01 | 6 | 5.9 | <10 | 39.4 |
| L401439 | 6 | 0.04 | 9 | 0.07 | 53 | <0.01 | 8 | 1.8 | <10 | 12.9 |
| L401441 | 3 | 0.13 | 18 | 0.11 | 7 | <0.01 | 6 | 3.4 | <10 | 65.6 |
| L401442 | 2 | 0.19 | 4 | 0.17 | 10 | <0.01 | <5 | 10.8 | <10 | 85.2 |
| L401443 | 2 | 0.10 | 7 | 0.16 | 9 | <0.01 | 7 | 13.8 | <10 | 45.4 |
| L401444 | 4 | 0.21 | 7 | 0.16 | 9 | 0.37 | <5 | 14.9 | <10 | 116 |
| L401445 | 3 | 0.11 | 7 | 0.16 | 20 | 0.17 | 5 | 9.4 | <10 | 53.2 |
| L401446 | 2 | 0.13 | 7 | 0.16 | 13 | 0.04 | <5 | 10.2 | <10 | 51.9 |
| L401447 | 2 | 0.10 | 6 | 0.16 | 12 | <0.01 | 7 | 9.4 | <10 | 58.1 |
| L401448 | 2 | 0.12 | 7 | 0.17 | 10 | <0.01 | 9 | 7.7 | <10 | 59.1 |
| L401449 | 3 | 0.10 | 6 | 0.16 | 4 | 0.01 | 9 | 17.1 | <10 | 56.3 |
| L401450 | 3 | 0.10 | 5 | 0.16 | 5 | 0.12 | <5 | 16.3 | <10 | 60.8 |
| L399588 | 2 | 0.05 | 6 | 0.02 | 7 | <0.01 | <5 | 0.8 | <10 | 14.0 |
| L399589 | 2 | 0.08 | 46 | 0.07 | 11 | <0.01 | <5 | 9.9 | <10 | 32.8 |
| L399590 | 2 | 0.05 | 3 | <0.01 | 7 | <0.01 | <5 | <0.5 | <10 | 14.2 |
| L399591 | 2 | 0.07 | 3 | 0.02 | 4 | <0.01 | <5 | 0.7 | <10 | 10.1 |
| L399592 | 2 | 0.05 | 3 | <0.01 | 4 | <0.01 | <5 | <0.5 | <10 | 4.9 |
| L399593 | 2 | 0.05 | 4 | 0.02 | 11 | <0.01 | <5 | 0.9 | <10 | 11.3 |
| L399594 | 2 | 0.09 | 4 | 0.02 | 19 | <0.01 | <5 | 1.0 | <10 | 30.0 |
| L399595 | 3 | 0.05 | 4 | <0.01 | 15 | <0.01 | <5 | <0.5 | <10 | 9.5 |
| L399596 | 2 | 0.04 | 11 | 0.02 | 8 | <0.01 | <5 | 1.1 | <10 | 8.2 |
| L399597 | 2 | 0.03 | 2 | <0.01 | 4 | <0.01 | <5 | <0.5 | <10 | 6.0 |

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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 |
|--|--------------------------|---------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|---------------------------|----------------------------|
| L399598 | 2 | 0.06 | 4 | 0.01 | 4 | <0.01 | <5 | 0.8 | <10 | 8.5 |
| L399599 | 3 | 0.07 | 4 | 0.02 | 15 | 0.02 | 6 | 1.5 | <10 | 21.9 |
| L399600 | 2 | 0.01 | 2 | 0.02 | <2 | <0.01 | <5 | <0.5 | <10 | 39.7 |
| L401301 | 2 | 0.05 | 3 | 0.01 | 4 | <0.01 | <5 | 1.3 | <10 | 7.1 |
| L401302 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401303 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401304 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401305 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401306 | <1 | 0.11 | 14 | 0.04 | 7 | 0.01 | <5 | 5.6 | <10 | 32.6 |
| L401308 | 2 | 0.06 | 4 | 0.02 | 18 | <0.01 | <5 | 0.9 | <10 | 16.3 |
| L401309 | 1 | 0.21 | 25 | 0.04 | 17 | 0.04 | <5 | 9.0 | <10 | 49.9 |
| L401310 | 3 | 0.17 | 12 | 0.03 | 5 | 0.15 | <5 | 9.2 | <10 | 83.8 |
| L401311 | 2 | 0.21 | 8 | 0.03 | 12 | 0.05 | <5 | 10.1 | <10 | 58.7 |
| L401312 | 2 | 0.30 | 27 | 0.10 | 11 | <0.01 | 7 | 6.6 | <10 | 77.3 |
| L401313 | 1 | 0.19 | 25 | 0.06 | 13 | <0.01 | <5 | 9.6 | <10 | 33.1 |
| L401314 | 3 | 0.28 | 55 | 0.03 | 9 | 0.41 | <5 | 8.6 | <10 | 77.3 |
| L401315 | 2 | 0.28 | 25 | 0.04 | 20 | 0.15 | 6 | 17.7 | <10 | 98.1 |
| L401316 | 2 | 0.19 | 4 | 0.03 | 35 | 0.47 | <5 | 9.7 | <10 | 59.7 |

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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 |
|--|---------------------------|-------------------------|--------------------------|---------------------------|--------------------------|----------------------------|
| L401413 | 0.06 | 9 | <10 | 11.9 | 55 | 16.1 |
| L401414 | 0.22 | 93 | <10 | 11.0 | 42 | 6.5 |
| L401419 | 0.19 | 88 | <10 | 9.4 | 93 | 5.2 |
| L401420 | 0.16 | 38 | <10 | 7.1 | 50 | 1.6 |
| L401421 | 0.10 | 21 | <10 | 7.6 | 35 | 3.4 |
| L401422 | 0.08 | 21 | <10 | 10.4 | 26 | 5.3 |
| L401423 | 0.28 | 130 | <10 | 14.6 | 60 | 14.8 |
| L401424 | 0.26 | 128 | <10 | 13.1 | 84 | 13.6 |
| L401425 | 0.28 | 125 | <10 | 12.0 | 54 | 14.3 |
| L401426 | 0.28 | 138 | <10 | 12.0 | 62 | 13.0 |
| L401427 | 0.26 | 129 | <10 | 11.5 | 53 | 11.3 |
| L401428 | 0.16 | 124 | <10 | 10.7 | 100 | 10.2 |
| L401429 | 0.24 | 141 | <10 | 12.0 | 500 | 10.8 |
| L401430 | 0.20 | 140 | <10 | 8.7 | 62 | 8.0 |
| L401431 | 0.17 | 135 | <10 | 11.9 | 65 | 9.0 |
| L401432 | 0.19 | 129 | <10 | 9.1 | 64 | 8.6 |
| L401433 | 0.22 | 132 | <10 | 11.2 | 173 | 9.3 |
| L401434 | 0.26 | 170 | <10 | 9.4 | 55 | 3.9 |
| L401435 | 0.19 | 83 | <10 | 10.6 | 57 | 3.5 |
| L401436 | 0.18 | 129 | <10 | 9.5 | 121 | 7.2 |
| L401417 | 0.18 | 47 | <10 | 11.6 | 53 | 3.6 |
| L401438 | 0.17 | 98 | <10 | 9.1 | 85 | 8.1 |
| L401439 | 0.09 | 34 | <10 | 5.7 | 33 | 13.1 |
| L401441 | 0.24 | 57 | <10 | 4.6 | 35 | 5.6 |
| L401442 | 0.29 | 142 | <10 | 11.6 | 75 | 10.6 |
| L401443 | 0.20 | 147 | <10 | 10.7 | 83 | 8.9 |
| L401444 | 0.24 | 151 | <10 | 9.4 | 69 | 7.7 |
| L401445 | 0.22 | 134 | <10 | 8.4 | 110 | 7.0 |
| L401446 | 0.24 | 161 | <10 | 9.8 | 86 | 6.8 |
| L401447 | 0.19 | 135 | <10 | 9.6 | 71 | 5.8 |
| L401448 | 0.18 | 120 | <10 | 10.1 | 71 | 7.1 |
| L401449 | 0.24 | 166 | <10 | 9.0 | 77 | 7.2 |
| L401450 | 0.24 | 157 | <10 | 8.1 | 66 | 6.5 |
| L399588 | 0.04 | 7 | <10 | 9.6 | 29 | 5.1 |
| L399589 | 0.20 | 94 | <10 | 9.4 | 81 | 3.2 |
| L399590 | <0.01 | 3 | <10 | 8.4 | 23 | 3.2 |
| L399591 | 0.03 | 4 | <10 | 8.6 | 19 | 3.0 |
| L399592 | <0.01 | 1 | <10 | 17.1 | 16 | 2.6 |
| L399593 | 0.05 | 7 | <10 | 9.9 | 28 | 4.7 |
| L399594 | 0.05 | 8 | <10 | 10.1 | 43 | 5.3 |
| L399595 | 0.01 | 2 | <10 | 14.0 | 38 | 3.3 |
| L399596 | 0.03 | 11 | <10 | 11.6 | 44 | 6.5 |
| L399597 | <0.01 | <1 | <10 | 16.9 | 17 | 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 |
|--|---------------------------|-------------------------|--------------------------|---------------------------|--------------------------|----------------------------|
| L399598 | 0.01 | 4 | <10 | 10.7 | 24 | 8.7 |
| L399599 | 0.08 | 10 | <10 | 8.6 | 40 | 2.6 |
| L399600 | <0.01 | 2 | <10 | 1.0 | 20 | 0.8 |
| L401301 | <0.01 | 5 | <10 | 6.5 | 16 | 2.9 |
| L401302 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401303 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401304 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401305 | N.A. | N.A. | N.A. | N.A. | N.A. | N.A. |
| L401306 | 0.08 | 23 | <10 | 11.2 | 26 | 3.4 |
| L401308 | 0.06 | 9 | <10 | 8.1 | 33 | 3.8 |
| L401309 | 0.15 | 89 | <10 | 8.4 | 40 | 1.9 |
| L401310 | 0.09 | 96 | <10 | 9.3 | 42 | 3.3 |
| L401311 | 0.13 | 42 | <10 | 16.6 | 43 | 3.1 |
| L401312 | 0.22 | 83 | <10 | 10.8 | 33 | 1.8 |
| L401313 | 0.20 | 125 | <10 | 8.8 | 37 | 2.6 |
| L401314 | 0.11 | 42 | <10 | 9.7 | 46 | 1.4 |
| L401315 | 0.20 | 172 | <10 | 7.9 | 61 | 2.0 |
| L401316 | 0.07 | 21 | <10 | 7.7 | 62 | 1.4 |

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