



Date Submitted: 10-Feb-17
Invoice No.: A17-01252-Revised
Invoice Date: 22-Mar-17
Your Reference: GEM-CORDILLERA

Geological Survey of Canada-Vancouver
1500-605 Robinson Street
Vancouver BC V6B 5J3
Canada

ATTN: Jim Ryan

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

The following analytical package(s) were requested:

Code 4LITHORES (11+) Major Elements Fusion ICP(WRA)/Trace Elements Fusion ICP/MS(WRA4B2)

REPORT **A17-01252-Revised**

This report may be reproduced without our consent. If only selected portions of the report are reproduced, permission must be obtained. If no instructions were given at time of sample submittal regarding excess material, it will be discarded within 90 days of this report. Our liability is limited solely to the analytical cost of these analyses. Test results are representative only of material submitted for analysis.

Notes:

We recommend using option 4B1 for accurate levels of the base metals Cu, Pb, Zn, Ni and Ag. Option 4B-INAA for As, Sb, high W >100ppm, Cr >1000ppm and Sn >50ppm by Code 5D. Values for these elements provided by Fusion ICP/MS, are order of magnitude only and are provided for general information. Mineralized samples should have the Quant option selected or request assays for values which exceed the range of option 4B1. Total includes all elements in % oxide to the left of total. Zr is now being reported from FUS-ICP instead of FUS-MS.

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé". The signature is written over a horizontal line.

Emmanuel Esemé, Ph.D.
Quality Control

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Results

Activation Laboratories Ltd.

Report: A17-01252

| Analyte Symbol | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | LOI | Total | Sc | Be | V | Cr | Co | Ni | Cu | Zn | Ga | Ge | As |
|----------------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | | 0.01 | 1 | 1 | 5 | 20 | 1 | 20 | 10 | 30 | 1 | 0.5 | 5 |
| Method Code | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS |
| 16RAY-AP076A1 | 60.90 | 12.42 | 5.34 | 0.125 | 5.01 | 5.72 | 2.78 | 0.08 | 0.465 | 0.10 | 5.88 | 98.84 | 21 | < 1 | 112 | 120 | 27 | 40 | 70 | 60 | 12 | 1.1 | < 5 |
| 16RAY-AP076B1 | 48.90 | 15.82 | 10.80 | 0.173 | 8.31 | 5.82 | 3.23 | 0.82 | 0.726 | 0.11 | 4.05 | 98.76 | 39 | < 1 | 349 | 30 | 38 | 30 | 220 | 80 | 17 | 1.5 | < 5 |
| 16RAY-AP077B1 | 42.25 | 15.16 | 11.33 | 0.061 | 8.11 | 8.39 | 0.93 | 3.97 | 0.726 | 0.04 | 7.69 | 98.67 | 16 | 5 | 88 | 80 | 18 | 40 | 10 | 160 | 22 | 3.1 | < 5 |
| 16RAY-AP077B3 | 52.03 | 22.25 | 8.28 | 0.096 | 3.26 | 4.04 | 1.86 | 4.47 | 0.902 | 0.06 | 2.68 | 99.93 | 22 | 5 | 97 | 110 | 22 | 50 | 30 | 80 | 28 | 2.6 | < 5 |
| 16RAY-AP078C1 | 41.63 | 18.57 | 9.62 | 0.126 | 9.73 | 16.28 | 0.44 | 0.12 | 0.416 | 0.01 | 3.03 | 99.96 | 45 | < 1 | 367 | 210 | 46 | 70 | < 10 | 40 | 14 | 1.4 | < 5 |
| 16RAY-AP088A1 | 40.81 | 16.67 | 17.40 | 0.182 | 6.28 | 12.95 | 1.47 | 0.14 | 1.218 | < 0.01 | 2.36 | 99.51 | 50 | < 1 | 694 | < 20 | 19 | < 20 | 60 | 80 | 18 | 1.4 | < 5 |
| 16RAY-AP088D1 | 36.37 | 1.22 | 8.20 | 0.116 | 41.48 | 0.85 | 0.09 | 0.02 | 0.061 | < 0.01 | 11.03 | 99.45 | 6 | < 1 | 47 | 2770 | 108 | 2250 | < 10 | 50 | 1 | 0.7 | < 5 |
| 16RAY-AP093A1 | 36.76 | 0.96 | 12.24 | 0.168 | 41.14 | 1.25 | 0.07 | 0.01 | 0.039 | < 0.01 | 6.06 | 98.68 | 8 | < 1 | 59 | 2930 | 145 | 2430 | < 10 | 50 | 1 | 0.7 | < 5 |
| 16RAY-AP094A1 | 33.27 | 0.15 | 6.53 | 0.140 | 42.99 | 0.03 | 0.01 | < 0.01 | 0.004 | < 0.01 | 16.67 | 99.79 | 6 | < 1 | 13 | 2640 | 146 | 2290 | < 10 | 30 | < 1 | < 0.5 | < 5 |
| 16RAY-AP095A1 | 44.69 | 17.20 | 9.58 | 0.143 | 11.26 | 12.81 | 1.44 | 0.06 | 0.315 | 0.04 | 3.15 | 100.7 | 39 | < 1 | 210 | 300 | 56 | 200 | 10 | 60 | 14 | 1.2 | < 5 |
| 16RAY-AP101A1 | 40.79 | 2.00 | 8.83 | 0.112 | 34.64 | 4.97 | 0.10 | < 0.01 | 0.066 | 0.01 | 7.33 | 98.86 | 18 | < 1 | 70 | 2470 | 105 | 1830 | 40 | 40 | 2 | 0.6 | < 5 |
| 16RAY-AP104A1 | 60.59 | 16.25 | 6.55 | 0.087 | 3.98 | 5.06 | 4.14 | 0.12 | 0.651 | 0.12 | 2.10 | 99.64 | 19 | < 1 | 140 | 130 | 17 | 100 | 170 | < 30 | 16 | 1.2 | < 5 |
| 16RAY-AP121B2 | 47.12 | 14.59 | 10.87 | 0.137 | 6.80 | 11.73 | 2.52 | 0.03 | 1.418 | 0.13 | 3.37 | 98.71 | 39 | < 1 | 348 | 60 | 8 | 40 | 80 | 70 | 17 | 1.2 | < 5 |
| 16RAY-AP143A1 | 51.13 | 13.49 | 15.70 | 0.269 | 4.83 | 6.81 | 0.57 | 1.71 | 2.817 | 1.14 | 1.95 | 100.4 | 29 | < 1 | 205 | 30 | 9 | 40 | 40 | 120 | 21 | 4.8 | < 5 |
| 16RAY-AP151A1 | 37.70 | 1.49 | 8.05 | 0.094 | 35.74 | 0.78 | 0.17 | 0.04 | 0.136 | 0.03 | 15.12 | 99.35 | 6 | < 1 | 33 | 2370 | 82 | 1700 | < 10 | < 30 | 2 | 1.0 | 6 |
| 16RAY-AP159A1 | 58.45 | 16.98 | 6.02 | 0.124 | 3.77 | 9.24 | 2.20 | 0.06 | 0.677 | 0.18 | 2.74 | 100.4 | 19 | < 1 | 92 | 150 | 19 | 90 | 40 | 50 | 17 | 1.6 | < 5 |
| 16RAY-AP161A1 | 73.48 | 11.93 | 3.13 | 0.058 | 1.09 | 5.47 | 3.80 | 0.04 | 0.303 | 0.06 | 1.05 | 100.4 | 12 | < 1 | 32 | 100 | 5 | 50 | 60 | < 30 | 15 | 1.6 | < 5 |
| 16RAY-AP172A1 | 43.25 | 1.04 | 8.85 | 0.162 | 36.54 | 3.38 | 0.15 | < 0.01 | 0.051 | < 0.01 | 5.17 | 98.60 | 14 | < 1 | 39 | 2110 | 105 | 1750 | 20 | 50 | 2 | 1.0 | < 5 |
| 16RAY-AP181A1 | 57.29 | 18.00 | 5.66 | 0.099 | 4.06 | 7.52 | 4.83 | 0.12 | 0.778 | 0.21 | 1.58 | 100.1 | 21 | < 1 | 160 | 110 | 20 | 90 | < 10 | < 30 | 16 | 1.4 | < 5 |
| 16RAY-AP188A1 | 79.42 | 8.62 | 3.95 | 0.038 | 1.84 | 0.78 | 0.95 | 1.97 | 0.542 | 0.15 | 1.76 | 100.0 | 8 | 1 | 88 | 120 | 11 | 60 | 20 | 70 | 10 | 1.4 | < 5 |
| 16RAY-AP195A1 | 45.94 | 18.80 | 6.46 | 0.153 | 9.61 | 13.00 | 1.18 | 0.30 | 0.403 | 0.05 | 3.35 | 99.24 | 34 | < 1 | 131 | 180 | 42 | 120 | 10 | 70 | 11 | 1.4 | < 5 |
| 16RAY-AP196D1 | 34.75 | 1.62 | 7.79 | 0.140 | 39.32 | 0.93 | 0.11 | 0.03 | 0.037 | 0.01 | 14.46 | 99.19 | 5 | < 1 | 22 | 3060 | 104 | 1430 | < 10 | 50 | 1 | 0.7 | < 5 |
| 16RAY-AP202A1 | 52.21 | 16.43 | 8.85 | 0.130 | 7.26 | 5.13 | 4.78 | 0.05 | 0.511 | 0.08 | 3.54 | 98.98 | 38 | < 1 | 222 | 150 | 19 | 60 | 160 | 70 | 12 | 1.2 | < 5 |
| 16RAY-AP205A1 | 40.69 | 1.38 | 9.03 | 0.096 | 35.97 | 0.76 | 0.21 | < 0.01 | 0.062 | < 0.01 | 10.46 | 98.68 | 15 | < 1 | 58 | 2350 | 96 | 1720 | 10 | 40 | 1 | 0.9 | < 5 |
| 16RAY-AP206A1 | 40.12 | 0.51 | 8.03 | 0.152 | 44.91 | 0.23 | 0.09 | < 0.01 | 0.017 | < 0.01 | 6.10 | 100.2 | 7 | < 1 | 18 | 2690 | 128 | 1970 | < 10 | 40 | < 1 | 0.8 | < 5 |
| 16RAY-AP209A1 | 56.31 | 17.47 | 5.80 | 0.079 | 4.51 | 8.63 | 3.22 | 0.04 | 0.483 | 0.08 | 2.52 | 99.15 | 17 | < 1 | 144 | 180 | 18 | 120 | 20 | < 30 | 15 | 1.1 | < 5 |
| 16RAY-AP212B1 | 46.47 | 15.89 | 5.70 | 0.102 | 11.69 | 17.77 | 0.45 | 0.02 | 0.205 | < 0.01 | 2.40 | 100.7 | 49 | < 1 | 139 | 530 | 31 | 120 | < 10 | < 30 | 10 | 1.7 | < 5 |
| 16RAY-AP234A1 | 57.37 | 16.87 | 6.42 | 0.095 | 3.29 | 7.30 | 3.65 | 0.04 | 0.741 | 0.20 | 2.56 | 98.54 | 24 | < 1 | 172 | 50 | 11 | 30 | 140 | 50 | 16 | 1.2 | < 5 |
| 16RAY-JR140A1 | 73.81 | 13.09 | 2.40 | 0.042 | 0.75 | 1.54 | 3.09 | 4.36 | 0.249 | 0.05 | 1.00 | 100.4 | 5 | 3 | 24 | 30 | 3 | < 20 | < 10 | 30 | 15 | 1.3 | < 5 |

| Analyte Symbol | Rb | Sr | Y | Zr | Nb | Mo | Ag | In | Sn | Sb | Cs | Ba | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er |
|----------------|--------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 1 | 2 | 0.5 | 1 | 0.2 | 2 | 0.5 | 0.1 | 1 | 0.2 | 0.1 | 2 | 0.05 | 0.05 | 0.01 | 0.05 | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Method Code | FUS-MS | FUS-ICP | FUS-MS | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS |
| 16RAY-AP076A1 | 2 | 189 | 21.1 | 92 | 1.4 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.6 | 33 | 10.0 | 23.1 | 3.11 | 13.4 | 3.35 | 0.887 | 3.48 | 0.56 | 3.58 | 0.75 | 2.20 |
| 16RAY-AP076B1 | 12 | 209 | 14.8 | 46 | 0.6 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.8 | 189 | 5.12 | 12.4 | 1.77 | 8.06 | 2.46 | 0.836 | 2.75 | 0.43 | 2.62 | 0.51 | 1.56 |
| 16RAY-AP077B1 | 201 | 284 | 23.5 | 307 | 12.8 | < 2 | 1.4 | < 0.1 | 3 | < 0.2 | 9.7 | 326 | 47.8 | 99.0 | 10.6 | 39.0 | 6.67 | 1.03 | 5.22 | 0.72 | 4.44 | 0.86 | 2.74 |
| 16RAY-AP077B3 | 200 | 519 | 43.9 | 251 | 18.9 | < 2 | 1.0 | < 0.1 | 6 | < 0.2 | 17.0 | 686 | 75.6 | 149 | 16.8 | 60.1 | 11.1 | 2.07 | 8.72 | 1.28 | 7.77 | 1.56 | 4.78 |
| 16RAY-AP078C1 | 4 | 514 | 4.6 | 31 | 0.3 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.3 | 29 | 2.23 | 4.76 | 0.63 | 2.93 | 0.74 | 0.350 | 0.96 | 0.15 | 0.93 | 0.18 | 0.53 |
| 16RAY-AP088A1 | 2 | 365 | 10.2 | 20 | 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.2 | 88 | 2.36 | 5.81 | 0.87 | 4.42 | 1.36 | 0.574 | 1.71 | 0.30 | 1.91 | 0.41 | 1.13 |
| 16RAY-AP088D1 | < 1 | 20 | 0.7 | 6 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.3 | 7 | 0.44 | 0.86 | 0.10 | 0.42 | 0.13 | 0.036 | 0.11 | 0.02 | 0.10 | 0.02 | 0.08 |
| 16RAY-AP093A1 | < 1 | 11 | 0.9 | 24 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 2 | 0.40 | 0.84 | 0.11 | 0.47 | 0.11 | 0.027 | 0.14 | 0.02 | 0.14 | 0.03 | 0.11 |
| 16RAY-AP094A1 | < 1 | < 2 | < 0.5 | 3 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | < 2 | < 0.05 | < 0.05 | < 0.01 | < 0.05 | < 0.01 | < 0.005 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | 0.01 |
| 16RAY-AP095A1 | 1 | 312 | 6.5 | 9 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.1 | 41 | 1.49 | 3.33 | 0.48 | 2.34 | 0.72 | 0.364 | 1.05 | 0.17 | 1.13 | 0.24 | 0.68 |
| 16RAY-AP101A1 | < 1 | 16 | 1.7 | 4 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | 0.9 | 0.1 | 3 | 0.24 | 0.52 | 0.08 | 0.31 | 0.12 | 0.055 | 0.23 | 0.04 | 0.30 | 0.07 | 0.20 |
| 16RAY-AP104A1 | 1 | 420 | 24.3 | 98 | 1.6 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 165 | 10.1 | 23.3 | 3.16 | 14.3 | 3.69 | 1.15 | 3.96 | 0.66 | 4.29 | 0.86 | 2.50 |
| 16RAY-AP121B2 | < 1 | 295 | 31.7 | 99 | 1.6 | < 2 | < 0.5 | 0.1 | < 1 | < 0.2 | 0.1 | 23 | 4.40 | 12.0 | 1.87 | 9.62 | 3.33 | 1.20 | 4.37 | 0.83 | 5.28 | 1.12 | 3.33 |
| 16RAY-AP143A1 | 99 | 182 | 75.2 | 434 | 35.3 | 3 | 1.8 | 0.1 | 3 | < 0.2 | 27.3 | 179 | 44.0 | 102 | 13.2 | 58.2 | 14.3 | 4.46 | 15.3 | 2.36 | 14.0 | 2.73 | 7.80 |
| 16RAY-AP151A1 | 2 | 22 | 2.8 | 14 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | 0.6 | 0.6 | 9 | 1.36 | 2.72 | 0.38 | 1.70 | 0.41 | 0.156 | 0.50 | 0.09 | 0.52 | 0.11 | 0.30 |
| 16RAY-AP159A1 | 2 | 302 | 30.5 | 120 | 1.7 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.3 | 82 | 13.0 | 30.4 | 4.20 | 18.6 | 4.92 | 1.63 | 5.45 | 0.86 | 5.35 | 1.11 | 3.21 |
| 16RAY-AP161A1 | < 1 | 212 | 65.0 | 272 | < 0.2 | < 2 | < 0.5 | 0.1 | 2 | < 0.2 | 0.2 | 13 | 8.85 | 27.1 | 4.31 | 21.6 | 6.68 | 1.84 | 8.43 | 1.64 | 11.1 | 2.35 | 7.26 |
| 16RAY-AP172A1 | < 1 | 10 | 2.4 | 8 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.1 | < 2 | 0.48 | 1.16 | 0.16 | 0.80 | 0.25 | 0.076 | 0.30 | 0.06 | 0.41 | 0.08 | 0.26 |
| 16RAY-AP181A1 | < 1 | 365 | 30.2 | 99 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 223 | 10.5 | 25.4 | 3.67 | 17.0 | 4.57 | 1.39 | 4.88 | 0.82 | 5.42 | 1.09 | 2.99 |
| 16RAY-AP188A1 | 60 | 66 | 15.0 | 184 | 7.2 | < 2 | 0.8 | < 0.1 | < 1 | < 0.2 | 2.3 | 577 | 25.3 | 51.6 | 5.85 | 21.6 | 4.12 | 0.872 | 3.43 | 0.49 | 2.79 | 0.53 | 1.42 |
| 16RAY-AP195A1 | 5 | 262 | 9.7 | 32 | 0.4 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.1 | 286 | 1.86 | 4.53 | 0.68 | 3.39 | 1.01 | 0.396 | 1.56 | 0.28 | 1.82 | 0.37 | 1.08 |
| 16RAY-AP196D1 | < 1 | 21 | 0.9 | 7 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 21 | 0.35 | 0.78 | 0.10 | 0.50 | 0.14 | 0.038 | 0.15 | 0.03 | 0.16 | 0.04 | 0.10 |
| 16RAY-AP202A1 | < 1 | 121 | 13.7 | 30 | 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 18 | 1.60 | 4.43 | 0.73 | 4.17 | 1.38 | 0.540 | 2.01 | 0.36 | 2.39 | 0.50 | 1.57 |
| 16RAY-AP205A1 | < 1 | 8 | 1.4 | 4 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 5 | 0.29 | 0.71 | 0.09 | 0.42 | 0.13 | 0.041 | 0.18 | 0.03 | 0.21 | 0.05 | 0.17 |
| 16RAY-AP206A1 | < 1 | 3 | 0.5 | 2 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 2 | 0.14 | 0.42 | 0.05 | 0.28 | 0.06 | 0.006 | 0.06 | 0.01 | 0.09 | 0.02 | 0.08 |
| 16RAY-AP209A1 | < 1 | 300 | 17.4 | 65 | 0.8 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | 0.1 | 49 | 6.26 | 14.2 | 1.96 | 9.10 | 2.44 | 0.814 | 2.94 | 0.49 | 3.00 | 0.59 | 1.75 |
| 16RAY-AP212B1 | < 1 | 217 | 6.2 | 14 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 16 | 0.95 | 2.01 | 0.31 | 1.55 | 0.63 | 0.426 | 0.81 | 0.16 | 1.05 | 0.22 | 0.64 |
| 16RAY-AP234A1 | < 1 | 267 | 28.2 | 127 | 1.6 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | 40 | 12.1 | 29.9 | 4.10 | 18.6 | 4.78 | 1.46 | 4.97 | 0.79 | 5.02 | 1.02 | 2.97 |
| 16RAY-JR140A1 | 165 | 115 | 21.6 | 135 | 5.6 | < 2 | < 0.5 | < 0.1 | 2 | < 0.2 | 3.3 | 994 | 36.5 | 67.7 | 7.59 | 26.1 | 4.99 | 0.526 | 4.27 | 0.66 | 3.94 | 0.78 | 2.20 |

| Analyte Symbol | Tm | Yb | Lu | Hf | Ta | W | Tl | Pb | Bi | Th | U |
|----------------|---------|--------|---------|--------|--------|--------|--------|--------|--------|--------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.005 | 0.01 | 0.002 | 0.1 | 0.01 | 0.5 | 0.05 | 5 | 0.1 | 0.05 | 0.01 |
| Method Code | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS |
| 16RAY-AP076A1 | 0.326 | 2.22 | 0.369 | 2.1 | 0.17 | < 0.5 | 0.09 | < 5 | < 0.1 | 1.37 | 0.59 |
| 16RAY-AP076B1 | 0.221 | 1.54 | 0.246 | 1.2 | 0.11 | < 0.5 | 0.08 | < 5 | < 0.1 | 0.65 | 0.25 |
| 16RAY-AP077B1 | 0.411 | 2.64 | 0.407 | 6.8 | 1.08 | < 0.5 | 0.73 | < 5 | 0.1 | 16.2 | 3.18 |
| 16RAY-AP077B3 | 0.777 | 5.20 | 0.801 | 5.5 | 1.66 | 2.5 | 0.95 | 8 | 0.8 | 20.5 | 4.01 |
| 16RAY-AP078C1 | 0.077 | 0.47 | 0.069 | 0.7 | 0.04 | < 0.5 | 0.17 | < 5 | < 0.1 | 0.52 | 0.12 |
| 16RAY-AP088A1 | 0.158 | 0.99 | 0.163 | 0.6 | 0.01 | < 0.5 | 0.06 | < 5 | < 0.1 | 0.38 | 0.11 |
| 16RAY-AP088D1 | 0.015 | 0.09 | 0.013 | < 0.1 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.10 | 0.03 |
| 16RAY-AP093A1 | 0.018 | 0.12 | 0.021 | 0.4 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.10 | 0.04 |
| 16RAY-AP094A1 | < 0.005 | 0.02 | < 0.002 | < 0.1 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | < 0.05 | < 0.01 |
| 16RAY-AP095A1 | 0.105 | 0.72 | 0.113 | 0.2 | 0.03 | 0.9 | < 0.05 | < 5 | < 0.1 | 0.15 | 0.05 |
| 16RAY-AP101A1 | 0.029 | 0.21 | 0.030 | 0.1 | 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.05 | 0.01 |
| 16RAY-AP104A1 | 0.374 | 2.53 | 0.410 | 2.2 | 0.27 | < 0.5 | < 0.05 | < 5 | < 0.1 | 1.24 | 0.47 |
| 16RAY-AP121B2 | 0.491 | 3.17 | 0.523 | 2.3 | 0.11 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.29 | 0.15 |
| 16RAY-AP143A1 | 1.09 | 6.88 | 1.08 | 8.0 | 2.32 | 0.7 | 0.36 | 6 | 0.3 | 5.79 | 1.85 |
| 16RAY-AP151A1 | 0.043 | 0.28 | 0.042 | 0.3 | 0.05 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.17 | 0.06 |
| 16RAY-AP159A1 | 0.483 | 3.17 | 0.505 | 2.8 | 0.11 | < 0.5 | < 0.05 | < 5 | < 0.1 | 1.76 | 0.73 |
| 16RAY-AP161A1 | 1.11 | 7.38 | 1.18 | 6.4 | 0.20 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.44 | 0.20 |
| 16RAY-AP172A1 | 0.038 | 0.26 | 0.040 | 0.2 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.06 | 0.02 |
| 16RAY-AP181A1 | 0.477 | 3.25 | 0.503 | 2.7 | 0.06 | < 0.5 | < 0.05 | < 5 | < 0.1 | 1.18 | 0.44 |
| 16RAY-AP188A1 | 0.202 | 1.29 | 0.193 | 3.8 | 0.64 | < 0.5 | 0.25 | 9 | < 0.1 | 7.63 | 1.39 |
| 16RAY-AP195A1 | 0.156 | 0.98 | 0.155 | 0.7 | 0.04 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.31 | 0.08 |
| 16RAY-AP196D1 | 0.016 | 0.11 | 0.018 | < 0.1 | 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.08 | 0.02 |
| 16RAY-AP202A1 | 0.214 | 1.42 | 0.213 | 0.8 | 0.03 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.18 | 0.07 |
| 16RAY-AP205A1 | 0.028 | 0.18 | 0.029 | < 0.1 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.07 | 0.01 |
| 16RAY-AP206A1 | 0.011 | 0.05 | 0.006 | < 0.1 | < 0.01 | 1.3 | < 0.05 | < 5 | < 0.1 | < 0.05 | < 0.01 |
| 16RAY-AP209A1 | 0.272 | 1.82 | 0.293 | 1.7 | 0.06 | < 0.5 | < 0.05 | < 5 | < 0.1 | 0.85 | 0.33 |
| 16RAY-AP212B1 | 0.098 | 0.61 | 0.094 | 0.3 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | < 0.05 | 0.02 |
| 16RAY-AP234A1 | 0.432 | 2.99 | 0.471 | 3.0 | 0.08 | < 0.5 | < 0.05 | < 5 | < 0.1 | 1.72 | 0.64 |
| 16RAY-JR140A1 | 0.326 | 2.16 | 0.354 | 3.4 | 0.70 | 1.2 | 0.65 | 29 | < 0.1 | 21.5 | 4.80 |

| Analyte Symbol | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Sc | Be | V | Cr | Co | Ni | Cu | Zn | Ga | Ge | As | Rb | Sr |
|-----------------------------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 1 | 1 | 5 | 20 | 1 | 20 | 10 | 30 | 1 | 0.5 | 5 | 1 | 2 |
| Method Code | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-ICP |
| NIST 694 Meas | 11.17 | 1.96 | 0.74 | 0.010 | 0.34 | 42.78 | 0.85 | 0.52 | 0.110 | 30.16 | | | 1602 | | | | | | | | | | |
| NIST 694 Cert | 11.2 | 1.80 | 0.790 | 0.0116 | 0.330 | 43.6 | 0.860 | 0.510 | 0.110 | 30.2 | | | 1740 | | | | | | | | | | |
| DNC-1 Meas | 47.58 | 18.86 | 9.88 | 0.150 | 10.14 | 11.55 | 1.95 | 0.22 | 0.490 | 0.08 | 32 | | 151 | 280 | 54 | 250 | 100 | 60 | | | | 4 | 145 |
| DNC-1 Cert | 47.15 | 18.34 | 9.97 | 0.150 | 10.13 | 11.49 | 1.890 | 0.234 | 0.480 | 0.070 | 31 | | 148 | 270 | 57 | 247 | 100 | 70 | | | | 5 | 144.0 |
| GBW 07113 Meas | 71.66 | 12.94 | 3.06 | 0.140 | 0.15 | 0.61 | 2.54 | 5.47 | 0.280 | 0.03 | 5 | 4 | 5 | | | | | | | | | | 42 |
| GBW 07113 Cert | 72.8 | 13.0 | 3.21 | 0.140 | 0.160 | 0.590 | 2.57 | 5.43 | 0.300 | 0.0500 | 5.00 | 4.00 | 5.00 | | | | | | | | | | 43.0 |
| LKSD-3 Meas | | | | | | | | | | | | | | 80 | 30 | 50 | 30 | 160 | | | 25 | 75 | |
| LKSD-3 Cert | | | | | | | | | | | | | | 87.0 | 30.0 | 47.0 | 35.0 | 152 | | | 27.0 | 78.0 | |
| TDB-1 Meas | | | | | | | | | | | | | | 250 | | 90 | 320 | 150 | | | | | |
| TDB-1 Cert | | | | | | | | | | | | | | 251 | | 92 | 323 | 155 | | | | | |
| W-2a Meas | 53.32 | 15.30 | 10.84 | 0.170 | 6.37 | 11.14 | 2.27 | 0.62 | 1.070 | 0.17 | 36 | < 1 | 272 | 90 | 43 | 70 | 110 | 80 | 17 | 1.6 | | 20 | 199 |
| W-2a Cert | 52.4 | 15.4 | 10.7 | 0.163 | 6.37 | 10.9 | 2.14 | 0.626 | 1.06 | 0.130 | 36.0 | 1.30 | 262 | 92.0 | 43.0 | 70.0 | 110 | 80.0 | 17.0 | 1.00 | | 21.0 | 190 |
| DTS-2b Meas | | | | | | | | | | | | | | > 10000 | 131 | 3380 | | | | | | | |
| DTS-2b Cert | | | | | | | | | | | | | | 15500 | 120 | 3780 | | | | | | | |
| SY-4 Meas | 49.75 | 20.35 | 6.11 | 0.110 | 0.52 | 8.17 | 6.83 | 1.63 | 0.290 | 0.13 | < 1 | 3 | 7 | | | | | | | | | | 1207 |
| SY-4 Cert | 49.9 | 20.69 | 6.21 | 0.108 | 0.54 | 8.05 | 7.10 | 1.66 | 0.287 | 0.131 | 1.1 | 2.6 | 8.0 | | | | | | | | | | 1191 |
| CTA-AC-1 Meas | | | | | | | | | | | | | | | | | 60 | 40 | | | | | |
| CTA-AC-1 Cert | | | | | | | | | | | | | | | | | 54.0 | 38.0 | | | | | |
| BIR-1a Meas | 48.02 | 15.70 | 11.16 | 0.170 | 9.50 | 13.45 | 1.84 | 0.02 | 0.960 | 0.01 | 43 | < 1 | 327 | 380 | 51 | 170 | 130 | 70 | 15 | | | | 107 |
| BIR-1a Cert | 47.96 | 15.50 | 11.30 | 0.175 | 9.700 | 13.30 | 1.82 | 0.030 | 0.96 | 0.021 | 44 | 0.58 | 310 | 370 | 52 | 170 | 125 | 70 | 16 | | | | 110 |
| NCS DC86312 Meas | | | | | | | | | | | | | | | | | | | | | | | |
| NCS DC86312 Cert | | | | | | | | | | | | | | | | | | | | | | | |
| NCS DC70009 (GBW07241) Meas | | | | | | | | | | | | | | | 4 | | 960 | 90 | 16 | 11.2 | 68 | 487 | |
| NCS DC70009 (GBW07241) Cert | | | | | | | | | | | | | | | 3.7 | | 960 | 100 | 16.5 | 11.2 | 69.9 | 500 | |
| OREAS 100a (Fusion) Meas | | | | | | | | | | | | | | | 17 | | 160 | | | | | | |
| OREAS 100a (Fusion) Cert | | | | | | | | | | | | | | | 18.1 | | 169 | | | | | | |
| OREAS 101a (Fusion) Meas | | | | | | | | | | | | | | | 51 | | 460 | | | | | | |
| OREAS 101a (Fusion) Cert | | | | | | | | | | | | | | | 48.8 | | 434 | | | | | | |
| OREAS 101b (Fusion) Meas | | | | | | | | | | | | | | | 45 | | 410 | | | | | | |
| OREAS 101b (Fusion) Cert | | | | | | | | | | | | | | | 47 | | 416 | | | | | | |
| JR-1 Meas | | | | | | | | | | | | | | | | < 20 | | 30 | 17 | 2.0 | 17 | 250 | |
| JR-1 Cert | | | | | | | | | | | | | | | | 1.67 | | 30.6 | 16.1 | 1.88 | 16.3 | 257 | |

| Analyte Symbol | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | Sc | Be | V | Cr | Co | Ni | Cu | Zn | Ga | Ge | As | Rb | Sr |
|----------------|---------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Unit Symbol | % | % | % | % | % | % | % | % | % | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 0.01 | 0.01 | 0.01 | 0.001 | 0.01 | 1 | 1 | 5 | 20 | 1 | 20 | 10 | 30 | 1 | 0.5 | 5 | 1 | 2 |
| Method Code | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-ICP |
| Method Blank | < 0.01 | < 0.01 | 0.01 | 0.002 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | 0.001 | 0.01 | < 1 | < 1 | < 5 | < 20 | < 1 | < 20 | < 10 | < 30 | < 1 | < 0.5 | < 5 | < 1 | < 2 |

| Analyte Symbol | Y | Zr | Nb | Mo | Ag | In | Sn | Sb | Cs | Ba | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb |
|-----------------------------|--------|---------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|--------|--------|--------|--------|---------|--------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.5 | 1 | 0.2 | 2 | 0.5 | 0.1 | 1 | 0.2 | 0.1 | 2 | 0.05 | 0.05 | 0.01 | 0.05 | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.005 | 0.01 |
| Method Code | FUS-MS | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-ICP | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS |
| NIST 694 Meas | | | | | | | | | | | | | | | | | | | | | | | |
| NIST 694 Cert | | | | | | | | | | | | | | | | | | | | | | | |
| DNC-1 Meas | 18.8 | 37 | | | | | | 0.9 | | 106 | 3.40 | | | 4.80 | | 0.560 | | | | | | | 1.80 |
| DNC-1 Cert | 18.0 | 38 | | | | | | 0.96 | | 118 | 3.6 | | | 5.20 | | 0.59 | | | | | | | 2.0 |
| GBW 07113 Meas | | 405 | | | | | | | | 505 | | | | | | | | | | | | | |
| GBW 07113 Cert | | 403 | | | | | | | | 506 | | | | | | | | | | | | | |
| LKSD-3 Meas | 29.7 | | | < 2 | 2.6 | | 3 | | 2.5 | | 53.2 | 88.6 | | 39.9 | 7.80 | | | 0.90 | 4.50 | | | | 2.60 |
| LKSD-3 Cert | 30.0 | | | 2.00 | 2.70 | | 3.00 | | 2.30 | | 52.0 | 90.0 | | 44.0 | 8.00 | | | 1.00 | 4.90 | | | | 2.70 |
| TDB-1 Meas | 34.1 | | | | | | | | | | 17.1 | 39.7 | | 23.8 | | 2.00 | | | | | | | 3.30 |
| TDB-1 Cert | 36 | | | | | | | | | | 17 | 41 | | 23 | | 2.1 | | | | | | | 3.4 |
| W-2a Meas | 21.2 | 95 | 7.9 | < 2 | | | | | 1.0 | 175 | 10.8 | 23.3 | | 12.7 | 3.30 | | | 0.59 | 3.90 | 0.78 | 2.50 | 0.370 | 2.10 |
| W-2a Cert | 24.0 | 94.0 | 7.90 | 0.600 | | | | | 0.990 | 182 | 10.0 | 23.0 | | 13.0 | 3.30 | | | 0.630 | 3.60 | 0.760 | 2.50 | 0.380 | 2.10 |
| DTS-2b Meas | | | | | | | | | | | | | | | | | | | | | | | |
| DTS-2b Cert | | | | | | | | | | | | | | | | | | | | | | | |
| SY-4 Meas | | 515 | | | | | | | | 343 | | | | | | | | | | | | | |
| SY-4 Cert | | 517 | | | | | | | | 340 | | | | | | | | | | | | | |
| CTA-AC-1 Meas | 286 | | | | | | | | | | > 2000 | > 3000 | | 1100 | 155 | 44.9 | 115 | 13.7 | | | | | |
| CTA-AC-1 Cert | 272 | | | | | | | | | | 2176 | 3326 | | 1087 | 162 | 46.7 | 124 | 13.9 | | | | | |
| BIR-1a Meas | 16.7 | 15 | | | | | | | | 5 | 0.70 | 2.00 | | 2.50 | 1.10 | 0.520 | 1.90 | | 3.60 | | | | 1.70 |
| BIR-1a Cert | 16 | 18 | | | | | | | | 6 | 0.63 | 1.9 | | 2.5 | 1.1 | 0.55 | 2.0 | | 4 | | | | 1.7 |
| NCS DC86312 Meas | 896 | | | | | | | | | | > 2000 | 181 | | 1560 | | | 219 | 32.9 | 179 | 32.9 | 95.1 | 14.5 | 84.4 |
| NCS DC86312 Cert | 976 | | | | | | | | | | 2360 | 190 | | 1600 | | | 225.0 | 34.6 | 183 | 36 | 96.2 | 15.1 | 87.79 |
| NCS DC70009 (GBW07241) Meas | 128 | | | | 1.6 | 1.0 | > 1000 | 3.0 | 37.2 | | 23.2 | 59.1 | | | 11.6 | | 14.4 | 3.10 | 19.5 | | 12.6 | 2.00 | 15.0 |
| NCS DC70009 (GBW07241) Cert | 128 | | | | 1.8 | 1.3 | 1701 | 3.1 | 41 | | 23.7 | 60.3 | | | 12.5 | | 14.8 | 3.3 | 20.7 | | 13.4 | 2.2 | 14.9 |
| OREAS 100a (Fusion) Meas | 135 | | | 23 | | | | | | | 247 | 466 | 43.6 | 145 | 21.6 | 3.38 | | 3.96 | 22.9 | 4.69 | 14.7 | 2.15 | 14.0 |
| OREAS 100a (Fusion) Cert | 142 | | | 24.1 | | | | | | | 260 | 463 | 47.1 | 152 | 23.6 | 3.71 | | 3.80 | 23.2 | 4.81 | 14.9 | 2.31 | 14.9 |
| OREAS 101a (Fusion) Meas | 178 | | | 21 | | | | | | | 797 | 1310 | 126 | 391 | 44.9 | 7.98 | 41.4 | 6.29 | 32.3 | | | 2.80 | 16.6 |
| OREAS 101a (Fusion) Cert | 183 | | | 21.9 | | | | | | | 816 | 1396 | 134 | 403 | 48.8 | 8.06 | 43.4 | 5.92 | 33.3 | | | 2.90 | 17.5 |
| OREAS 101b (Fusion) Meas | 178 | | | 20 | | | | | | | 802 | 1380 | 127 | 382 | 50.0 | 8.12 | | | 32.3 | 6.33 | 19.0 | 2.75 | 18.0 |
| OREAS 101b (Fusion) Cert | 178 | | | 20.9 | | | | | | | 789 | 1331 | 127 | 378 | 48 | 7.77 | | | 32.1 | 6.34 | 18.7 | 2.66 | 17.6 |
| JR-1 Meas | 43.0 | | 14.3 | 3 | | < 0.1 | 3 | | 19.8 | | 20.3 | 48.3 | 6.00 | 24.1 | 5.68 | 0.270 | | 0.91 | 6.04 | 1.21 | 3.72 | 0.640 | 4.87 |
| JR-1 Cert | 45.1 | | 15.2 | 3.25 | | 0.028 | 2.86 | | 20.8 | | 19.7 | 47.2 | 5.58 | 23.3 | 6.03 | 0.30 | | 1.01 | 5.69 | 1.11 | 3.61 | 0.67 | 4.55 |
| Method Blank | < 0.5 | 1 | < 0.2 | < 2 | < 0.5 | < 0.1 | < 1 | < 0.2 | < 0.1 | < 2 | < 0.05 | < 0.05 | < 0.01 | < 0.05 | < 0.01 | < 0.005 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.005 | < 0.01 |

| Analyte Symbol | Lu | Hf | Ta | W | Tl | Pb | Bi | Th | U | LOI | Total |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % |
| Lower Limit | 0.002 | 0.1 | 0.01 | 0.5 | 0.05 | 5 | 0.1 | 0.05 | 0.01 | | 0.01 |
| Method Code | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-MS | FUS-ICP | FUS-ICP |
| NIST 694 Meas | | | | | | | | | | | |
| NIST 694 Cert | | | | | | | | | | | |
| DNC-1 Meas | | | | | | | | | | | |
| DNC-1 Cert | | | | | | | | | | | |
| GBW 07113 Meas | | | | | | | | | | | |
| GBW 07113 Cert | | | | | | | | | | | |
| LKSD-3 Meas | 0.370 | 4.5 | 0.75 | | | | | 10.7 | 4.70 | | |
| LKSD-3 Cert | 0.400 | 4.80 | 0.700 | | | | | 11.4 | 4.60 | | |
| TDB-1 Meas | | | | | | | | 2.80 | | | |
| TDB-1 Cert | | | | | | | | 2.7 | | | |
| W-2a Meas | 0.320 | 2.5 | 0.52 | < 0.5 | < 0.05 | | < 0.1 | 2.30 | 0.48 | | |
| W-2a Cert | 0.330 | 2.60 | 0.500 | 0.300 | 0.200 | | 0.0300 | 2.40 | 0.530 | | |
| DTS-2b Meas | | | | | | | | | | | |
| DTS-2b Cert | | | | | | | | | | | |
| SY-4 Meas | | | | | | | | | | | |
| SY-4 Cert | | | | | | | | | | | |
| CTA-AC-1 Meas | 1.02 | 1.2 | 2.70 | | | | | 20.0 | 4.50 | | |
| CTA-AC-1 Cert | 1.08 | 1.13 | 2.65 | | | | | 21.8 | 4.4 | | |
| BIR-1a Meas | | 0.6 | | | | | | | | | |
| BIR-1a Cert | | 0.60 | | | | | | | | | |
| NCS DC86312 Meas | 11.7 | | | | | | | 22.2 | | | |
| NCS DC86312 Cert | 11.96 | | | | | | | 23.6 | | | |
| NCS DC70009 (GBW07241) Meas | | | | 2180 | 1.75 | | | 26.7 | | | |
| NCS DC70009 (GBW07241) Cert | | | | 2200 | 1.8 | | | 28.3 | | | |
| OREAS 100a (Fusion) Meas | 2.30 | | | | | | | 50.5 | 129 | | |
| OREAS 100a (Fusion) Cert | 2.26 | | | | | | | 51.6 | 135 | | |
| OREAS 101a (Fusion) Meas | 2.60 | | | | | | | 35.5 | 420 | | |
| OREAS 101a (Fusion) Cert | 2.66 | | | | | | | 36.6 | 422 | | |
| OREAS 101b (Fusion) Meas | 2.75 | | | | | | | 34.4 | 385 | | |
| OREAS 101b (Fusion) Cert | 2.58 | | | | | | | 37.1 | 396 | | |
| JR-1 Meas | 0.720 | 4.3 | 1.97 | 2.0 | 1.50 | 20 | 0.4 | 25.4 | 8.40 | | |
| JR-1 Cert | 0.71 | 4.51 | 1.86 | 1.59 | 1.56 | 19.3 | 0.56 | 26.7 | 8.88 | | |
| Method Blank | | < 0.1 | < 0.01 | < 0.5 | < 0.05 | < 5 | < 0.1 | < 0.05 | < 0.01 | | |