



Ministere des Ressources naturelles et de la Faune
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Canada

Report No.: A23-13745-ReAssay
Report Date: 24-Jan-24
Date Submitted: 26-Sep-23
Your Reference: GOCHIGAMI NO:2

ATTN: Olivier Lamarche

CERTIFICATE OF ANALYSIS

195 Lake Sediments samples were submitted for analysis.

| | | |
|---|--|---------------------|
| The following analytical package(s) were requested: | | Testing Date: |
| UT-2-MRNF Quebec | QOP AquaGeo/QOP Ultratrace-1 (Aqua Regia ICPOES/ICPMS) | 2023-12-27 10:44:08 |

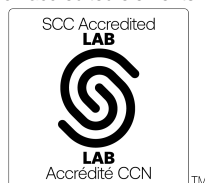
REPORT A23-13745-ReAssay

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Notes:

Assays are recommended for values above the upper limit. The Au from AR-MS is for information purposes, for accurate Au fire assay 1A2 should be requested.

Refer to the Scope of Accreditation for information on accredited elements.



LabID: 266

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CERTIFIED BY:

A handwritten signature in black ink, reading "Mark Vandergeest".

Mark Vandergeest
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A23-13745

| Analyte Symbol | Au | Ag | Al | As | B | Ba | Bi | Ca | Cd | Co | Cr | Cs | Cu | Er | Eu | Dy | Fe | Ga | K | La | Lu | Mg | Mn |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppb | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 0.2 | 0.002 | 0.01 | 0.1 | 1 | 0.5 | 0.02 | 0.01 | 0.01 | 0.1 | 1 | 0.02 | 0.2 | 0.1 | 0.1 | 0.1 | 0.01 | 0.02 | 0.01 | 0.5 | 0.1 | 0.01 | 1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| 143823 | 0.4 | 0.202 | 0.71 | 2.4 | 2 | 38.0 | 0.13 | 0.32 | 0.47 | 5.0 | 20 | 0.53 | 15.2 | 0.7 | 0.4 | 1.6 | 1.20 | 3.45 | 0.03 | 16.8 | < 0.1 | 0.09 | 66 |
| 143825 | 1.1 | 0.028 | 0.81 | 1.3 | 1 | 58.3 | 0.04 | 0.93 | 0.04 | 6.8 | 31 | 0.36 | 22.8 | 0.7 | 0.6 | 1.4 | 1.76 | 3.40 | 0.11 | 16.4 | < 0.1 | 0.53 | 321 |
| 143826 | < 0.2 | 0.181 | 1.13 | 3.8 | 6 | 9.9 | 0.09 | 0.45 | 0.42 | 20.5 | 18 | 0.31 | 14.4 | 0.9 | 0.5 | 1.8 | 2.62 | 2.05 | 0.02 | 18.0 | < 0.1 | 0.07 | 64 |
| 143827 | 0.7 | 0.142 | 0.27 | 1.1 | 1 | 20.5 | 0.05 | 0.21 | 0.20 | 0.7 | 9 | 0.33 | 5.7 | 0.3 | 0.2 | 0.6 | 0.24 | 1.22 | 0.02 | 7.8 | < 0.1 | 0.05 | 26 |
| 143939 | 0.5 | 0.145 | 0.63 | 1.0 | 3 | 41.9 | 0.04 | 0.47 | 0.47 | 3.9 | 18 | 0.34 | 11.3 | 0.7 | 0.3 | 1.3 | 1.03 | 1.55 | 0.02 | 15.9 | < 0.1 | 0.06 | 96 |
| 143940 | 0.2 | 0.100 | 0.47 | 0.8 | 2 | 28.0 | 0.03 | 0.35 | 0.24 | 2.7 | 19 | 0.40 | 8.2 | 0.7 | 0.3 | 1.4 | 0.76 | 1.85 | 0.03 | 16.4 | < 0.1 | 0.12 | 88 |
| 143941 | 0.2 | 0.124 | 0.88 | 1.3 | 2 | 38.9 | 0.06 | 0.39 | 0.47 | 5.1 | 20 | 0.39 | 11.7 | 0.9 | 0.4 | 1.7 | 0.88 | 1.79 | 0.03 | 21.1 | < 0.1 | 0.09 | 53 |

Results

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Report: A23-13745

| Analyte Symbol | Mo | Na | Ni | P | Pb | S | Sb | Sc | Se | Sr | Te | Th | Ti | Tl | Tm | U | W | V | Zn | Be | Ce | Ge | Hf |
|----------------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.02 | 0.1 | 0.1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.01 | 0.1 | 0.1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-ICP | AR-MS | AR-ICP | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-ICP | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| 143823 | 4.38 | 0.019 | 9.3 | 0.102 | 12.5 | 0.457 | 0.15 | 0.7 | 3.1 | 22.8 | < 0.02 | 0.2 | 0.046 | 0.22 | < 0.1 | 2.0 | 1.0 | 47 | 44.0 | 0.3 | 33.7 | 0.1 | < 0.1 |
| 143825 | 0.79 | 0.091 | 18.7 | 0.055 | 2.1 | 0.003 | 0.07 | 3.6 | 1.7 | 47.6 | 0.14 | 3.1 | 0.134 | 0.07 | < 0.1 | 0.4 | 0.1 | 30 | 24.4 | 0.2 | 30.4 | 0.1 | 0.2 |
| 143826 | 8.24 | 0.025 | 12.1 | 0.084 | 7.9 | 2.153 | 0.10 | 1.1 | 1.0 | 24.9 | 0.06 | 0.5 | 0.042 | 0.23 | 0.1 | 3.0 | 1.2 | 31 | 53.4 | 0.4 | 38.4 | 0.1 | < 0.1 |
| 143827 | 0.79 | 0.025 | 5.5 | 0.026 | 7.2 | 0.136 | 0.06 | 0.5 | 0.9 | 13.3 | < 0.02 | 0.1 | 0.029 | 0.03 | < 0.1 | 0.9 | 0.4 | 5 | 14.9 | < 0.1 | 15.5 | < 0.1 | < 0.1 |
| 143939 | 3.13 | 0.029 | 14.9 | 0.052 | 3.2 | 0.307 | 0.11 | 0.4 | 2.1 | 24.1 | < 0.02 | < 0.1 | 0.023 | 0.09 | < 0.1 | 2.0 | 1.9 | 26 | 54.4 | 0.3 | 31.2 | 0.1 | < 0.1 |
| 143940 | 1.74 | 0.024 | 10.9 | 0.049 | 2.3 | 0.138 | 0.03 | 1.0 | 2.0 | 16.8 | < 0.02 | 0.5 | 0.054 | 0.09 | < 0.1 | 1.7 | 1.6 | 18 | 38.3 | 0.2 | 33.3 | 0.2 | < 0.1 |
| 143941 | 6.64 | 0.024 | 15.3 | 0.044 | 5.5 | 0.317 | 0.09 | 0.5 | 2.6 | 29.3 | < 0.02 | < 0.1 | 0.029 | 0.07 | 0.1 | 6.3 | 1.0 | 25 | 55.5 | 0.4 | 38.6 | 0.2 | < 0.1 |

Results

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Report: A23-13745

| Analyte Symbol | In | Li | Nb | Nd | Rb | Re | Sn | Sm | Ta | Tb | Y | Yb | Zr | Pt | Pr | Pd | Hg | Ho |
|----------------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppb | ppb | ppm |
| Lower Limit | 0.02 | 0.1 | 0.02 | 0.02 | 0.1 | 0.2 | 0.05 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.1 | 2 | 0.1 | 10 | 10 | 0.1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| 143823 | < 0.02 | 2.6 | 2.05 | 18.7 | 3.0 | 2.0 | 0.71 | 3.5 | < 0.05 | 0.3 | 7.32 | 0.6 | 0.5 | < 2 | 4.7 | < 10 | 120 | 0.3 |
| 143825 | < 0.02 | 6.4 | 0.53 | 15.6 | 5.5 | 0.5 | 0.65 | 2.8 | < 0.05 | 0.2 | 6.70 | 0.6 | 4.1 | < 2 | 4.1 | < 10 | < 10 | 0.2 |
| 143826 | < 0.02 | 1.9 | 1.01 | 18.6 | 1.8 | 4.2 | 0.43 | 3.1 | < 0.05 | 0.3 | 8.60 | 0.7 | 1.5 | < 2 | 5.0 | < 10 | 60 | 0.3 |
| 143827 | < 0.02 | 1.2 | 1.20 | 7.04 | 1.7 | 0.9 | 0.49 | 1.3 | < 0.05 | 0.1 | 2.67 | 0.2 | 0.8 | < 2 | 1.9 | < 10 | 70 | 0.1 |
| 143939 | < 0.02 | 1.3 | 1.26 | 15.1 | 1.6 | 1.2 | 0.22 | 2.7 | < 0.05 | 0.2 | 6.41 | 0.5 | 0.4 | < 2 | 4.0 | < 10 | 60 | 0.2 |
| 143940 | < 0.02 | 3.2 | 2.00 | 16.7 | 2.5 | 0.7 | 0.29 | 3.1 | < 0.05 | 0.3 | 6.83 | 0.5 | 1.5 | < 2 | 4.3 | < 10 | 30 | 0.3 |
| 143941 | < 0.02 | 2.6 | 1.37 | 20.2 | 2.5 | 0.7 | 0.32 | 3.7 | < 0.05 | 0.3 | 8.41 | 0.7 | 0.5 | < 2 | 5.2 | < 10 | 30 | 0.3 |

| Analyte Symbol | Au | Ag | Al | As | B | Ba | Bi | Ca | Cd | Co | Cr | Cs | Cu | Er | Eu | Dy | Fe | Ga | K | La | Lu | Mg | Mn |
|-----------------------------|-------|---------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--------|-------|-------|-------|-------|--------|--------|--------|-------|--------|--------|---------|
| Unit Symbol | ppb | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | % | ppm | ppm | % | ppm |
| Lower Limit | 0.2 | 0.002 | 0.01 | 0.1 | 1 | 0.5 | 0.02 | 0.01 | 0.01 | 0.1 | 1 | 0.02 | 0.2 | 0.1 | 0.1 | 0.1 | 0.01 | 0.02 | 0.01 | 0.5 | 0.1 | 0.01 | 1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| OREAS 922 (Aqua Regia) Meas | | 1.08 | 2.75 | 7.6 | | 91.1 | 11.6 | 0.39 | 0.32 | 20.2 | 45 | 1.87 | 2480 | | | | 5.50 | 7.96 | 0.43 | 39.1 | | 1.28 | 769 |
| OREAS 922 (Aqua Regia) Cert | | 0.851 | 2.72 | 6.12 | | 70 | 10.3 | 0.324 | 0.28 | 19.4 | 40.7 | 1.76 | 2176 | | | | 5.05 | 7.62 | 0.376 | 32.5 | | 1.33 | 730 |
| OREAS 922 (Aqua Regia) Meas | | 0.974 | 2.41 | 6.9 | | 83.1 | 11.7 | 0.41 | 0.27 | 19.1 | 44 | 1.88 | 2270 | | | | 5.18 | 7.55 | 0.42 | 36.1 | | 1.27 | 783 |
| OREAS 922 (Aqua Regia) Cert | | 0.851 | 2.72 | 6.12 | | 70 | 10.3 | 0.324 | 0.28 | 19.4 | 40.7 | 1.76 | 2176 | | | | 5.05 | 7.62 | 0.376 | 32.5 | | 1.33 | 730 |
| OREAS 45f (Aqua Regia) Meas | 15.6 | | 7.67 | | | 161 | 0.17 | 0.07 | | 44.6 | 361 | 2.42 | 375 | 0.8 | 0.5 | 1.7 | 15.3 | 22.4 | 0.10 | 12.4 | < 0.1 | 0.18 | 181 |
| OREAS 45f (Aqua Regia) Cert | 18.0 | | 4.81 | | | 158 | 0.170 | 0.0750 | | 39.2 | 341 | 1.88 | 336 | 0.780 | 0.490 | 1.49 | 13.7 | 20.3 | 0.0820 | 10.7 | 0.0970 | 0.152 | 150 |
| OREAS 263 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 130 (Aqua Regia) Meas | | 6.82 | 1.09 | 208 | | | 3.28 | 1.83 | 29.4 | 27.3 | 23 | 2.79 | 232 | | | | 7.42 | 4.56 | 0.50 | 24.9 | 0.2 | 0.88 | 1640 |
| OREAS 130 (Aqua Regia) Cert | | 6.27 | 1.10 | 205 | | | 3.05 | 1.81 | 28.8 | 27.1 | 23.2 | 2.96 | 226 | | | | 7.27 | 4.78 | 0.500 | 26.4 | 0.150 | 0.892 | 1630 |
| Oreas 620 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 620 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 45h (Aqua Regia) Meas | 34.8 | 0.118 | 5.07 | 5.4 | | 246 | 0.14 | 0.10 | | 81.3 | 500 | 1.41 | 749 | 0.9 | 0.5 | 1.8 | 18.7 | 15.9 | 0.08 | 8.9 | 0.1 | 0.17 | 276 |
| OREAS 45h (Aqua Regia) Cert | 39.4 | 0.092 | 3.89 | 8.36 | | 271 | 0.14 | 0.106 | | 79 | 508 | 1.22 | 717 | 0.99 | 0.54 | 1.83 | 18.18 | 16.1 | 0.084 | 8.91 | 0.13 | 0.165 | 260.000 |
| 143939 Orig | 0.6 | 0.147 | 0.59 | 0.9 | 3 | 38.3 | 0.04 | 0.46 | 0.47 | 3.7 | 18 | 0.33 | 10.8 | 0.6 | 0.3 | 1.3 | 0.99 | 1.46 | 0.02 | 15.1 | < 0.1 | 0.06 | 93 |
| 143939 Dup | 0.3 | 0.143 | 0.66 | 1.2 | 3 | 45.5 | 0.05 | 0.49 | 0.48 | 4.0 | 19 | 0.34 | 11.8 | 0.7 | 0.4 | 1.4 | 1.07 | 1.65 | 0.02 | 16.7 | < 0.1 | 0.06 | 100 |
| Method Blank | 0.3 | < 0.002 | < 0.01 | < 0.1 | < 1 | < 0.5 | < 0.02 | < 0.01 | < 0.01 | < 0.1 | < 1 | < 0.02 | < 0.2 | < 0.1 | < 0.1 | < 0.1 | < 0.01 | < 0.02 | < 0.01 | < 0.5 | < 0.1 | < 0.01 | < 1 |
| Method Blank | | | | | | | | | | | | | | | | | | | | | | | |
| Method Blank | < 0.2 | < 0.002 | < 0.01 | < 0.1 | < 1 | 7.1 | < 0.02 | < 0.01 | < 0.01 | < 0.1 | < 1 | < 0.02 | < 0.2 | < 0.1 | < 0.1 | < 0.1 | < 0.01 | < 0.02 | < 0.01 | < 0.5 | < 0.1 | < 0.01 | < 1 |
| Method Blank | < 0.2 | < 0.002 | < 0.01 | < 0.1 | < 1 | 7.4 | < 0.02 | < 0.01 | < 0.01 | < 0.1 | < 1 | < 0.02 | < 0.2 | < 0.1 | < 0.1 | < 0.1 | < 0.01 | < 0.02 | < 0.01 | < 0.5 | < 0.1 | < 0.01 | < 1 |

| Analyte Symbol | Mo | Na | Ni | P | Pb | S | Sb | Sc | Se | Sr | Te | Th | Ti | Tl | Tm | U | W | V | Zn | Be | Ce | Ge | Hf |
|-----------------------------|-------|--------|-------|---------|-------|---------|--------|-------|-------|-------|--------|-------|---------|--------|-------|-------|-------|-------|--------|-------|--------|-------|-------|
| Unit Symbol | ppm | % | ppm | % | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| Lower Limit | 0.01 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.02 | 0.1 | 0.1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.1 | 0.1 | 1 | 0.1 | 0.1 | 0.01 | 0.1 | 0.1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-ICP | AR-MS | AR-ICP | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-ICP | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| OREAS 922 (Aqua Regia) Meas | 1.32 | 0.023 | 35.4 | 0.063 | 60.9 | 0.375 | 0.21 | 4.0 | 5.8 | 16.4 | | 15.7 | | 0.18 | | 2.4 | 1.1 | 33 | 254 | 0.7 | 78.6 | 0.3 | < 0.1 |
| OREAS 922 (Aqua Regia) Cert | 0.69 | 0.021 | 34.3 | 0.063 | 60 | 0.386 | 0.57 | 3.15 | 3.44 | 15.0 | | 14.5 | | 0.14 | | 1.98 | 1.12 | 29.4 | 256 | 0.65 | 63 | 0.10 | 0.61 |
| OREAS 922 (Aqua Regia) Meas | 0.70 | 0.022 | 35.1 | | 60.8 | | 0.36 | 3.6 | 3.7 | 15.7 | | 15.6 | | 0.20 | | 2.2 | 0.8 | 32 | 264 | 0.7 | 72.7 | 0.3 | < 0.1 |
| OREAS 922 (Aqua Regia) Cert | 0.69 | 0.021 | 34.3 | | 60 | | 0.57 | 3.15 | 3.44 | 15.0 | | 14.5 | | 0.14 | | 1.98 | 1.12 | 29.4 | 256 | 0.65 | 63 | 0.10 | 0.61 |
| OREAS 45f (Aqua Regia) Meas | 0.53 | 0.037 | 229 | 0.021 | 13.4 | 0.024 | | 32.2 | | 15.6 | | 7.9 | 0.163 | 0.13 | 0.1 | 1.1 | | 206 | 27.7 | 1.0 | 23.3 | 0.2 | 0.2 |
| OREAS 45f (Aqua Regia) Cert | 1.19 | 0.0320 | 192 | 0.0220 | 12.4 | 0.0270 | | 31.4 | | 13.2 | | 7.67 | 0.0970 | 0.120 | 0.110 | 1.09 | | 217 | 22.2 | 0.980 | 22.3 | 0.120 | 0.930 |
| OREAS 263 (Aqua Regia) Meas | | | | 0.044 | | 0.123 | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Cert | | | | 0.0410 | | 0.126 | | | | | | | | | | | | | | | | | |
| OREAS 130 (Aqua Regia) Meas | 8.82 | | 32.2 | | 1330 | | 4.85 | 3.4 | | 21.8 | 0.19 | 10.5 | | 4.50 | | 8.3 | 1.4 | 34 | > 5000 | | 50.7 | | 0.7 |
| OREAS 130 (Aqua Regia) Cert | 8.25 | | 35.2 | | 1300 | | 4.69 | 3.42 | | 23.2 | 0.170 | 10.3 | | 5.92 | | 8.36 | 1.40 | 33.1 | 16900 | | 54.0 | | 0.610 |
| Oreas 620 (Aqua Regia) Meas | | | | 0.032 | | 2.649 | | | | | | | | | | | | | | | | | |
| Oreas 620 (Aqua Regia) Cert | | | | 0.031 | | 2.470 | | | | | | | | | | | | | | | | | |
| OREAS 45h (Aqua Regia) Meas | 0.50 | 0.037 | 360 | | 10.6 | | | 46.6 | | 15.8 | | 5.3 | | 0.09 | 0.1 | 0.9 | | 205 | 33.8 | 0.8 | 17.6 | 0.2 | 0.3 |
| OREAS 45h (Aqua Regia) Cert | 0.92 | 0.036 | 348 | | 10.2 | | | 50 | | 15.5 | | 5.52 | | 0.085 | 0.14 | 0.92 | | 233 | 27.7 | 0.94 | 18.4 | 0.15 | 0.90 |
| 143939 Orig | 3.09 | 0.028 | 14.2 | 0.051 | 3.1 | 0.311 | 0.09 | 0.4 | 2.1 | 23.2 | < 0.02 | < 0.1 | 0.021 | 0.08 | < 0.1 | 1.9 | 1.8 | 25 | 52.7 | 0.3 | 29.6 | 0.1 | < 0.1 |
| 143939 Dup | 3.17 | 0.030 | 15.6 | 0.054 | 3.3 | 0.302 | 0.12 | 0.4 | 2.1 | 24.9 | < 0.02 | < 0.1 | 0.024 | 0.10 | < 0.1 | 2.1 | 2.0 | 28 | 56.0 | 0.3 | 32.8 | 0.1 | < 0.1 |
| Method Blank | 0.07 | 0.007 | < 0.1 | < 0.001 | < 0.1 | < 0.001 | < 0.02 | < 0.1 | < 0.1 | < 0.5 | < 0.02 | < 0.1 | < 0.001 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |
| Method Blank | | | | < 0.001 | | < 0.001 | | | | | | | < 0.001 | | | | | | | | | | |
| Method Blank | 0.09 | 0.009 | < 0.1 | | < 0.1 | | < 0.02 | < 0.1 | 0.8 | < 0.5 | < 0.02 | < 0.1 | | < 0.02 | < 0.1 | < 0.1 | < 0.1 | < 1 | < 0.1 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |
| Method Blank | 0.12 | 0.009 | 0.2 | | 0.8 | | < 0.02 | < 0.1 | 1.0 | < 0.5 | < 0.02 | < 0.1 | | < 0.02 | < 0.1 | < 0.1 | < 0.1 | < 1 | 3.2 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |

| Analyte Symbol | In | Li | Nb | Nd | Rb | Re | Sn | Sm | Ta | Tb | Y | Yb | Zr | Pt | Pr | Pd | Hg | Ho |
|-----------------------------|--------|-------|--------|--------|-------|-------|--------|-------|--------|-------|--------|-------|-------|-------|-------|-------|-------|-------|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppb | ppb | ppm |
| Lower Limit | 0.02 | 0.1 | 0.02 | 0.02 | 0.1 | 0.2 | 0.05 | 0.1 | 0.05 | 0.1 | 0.01 | 0.1 | 0.1 | 2 | 0.1 | 10 | 10 | 0.1 |
| Method Code | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS | AR-MS |
| OREAS 922 (AQUA REGIA) Meas | 0.25 | 20.5 | 0.25 | 31.7 | 24.7 | | 4.61 | 5.9 | | 0.8 | 20.5 | | 1.6 | | 8.9 | | | |
| OREAS 922 (AQUA REGIA) Cert | 0.24 | 22.8 | 0.35 | 27.5 | 22.7 | | 3.83 | 4.98 | | 0.62 | 16.0 | | 22.3 | | 7.33 | | | |
| OREAS 922 (AQUA REGIA) Meas | 0.26 | 20.2 | 0.44 | 32.1 | 25.1 | | 5.62 | 6.6 | | 0.7 | 20.5 | | 1.3 | | 8.5 | | | |
| OREAS 922 (AQUA REGIA) Cert | 0.24 | 22.8 | 0.35 | 27.5 | 22.7 | | 3.83 | 4.98 | | 0.62 | 16.0 | | 22.3 | | 7.33 | | | |
| OREAS 45f (Aqua Regia) Meas | 0.10 | | | 9.50 | 16.5 | | 2.30 | 1.8 | | 0.3 | 6.24 | 0.6 | 14.6 | | 2.7 | | | 0.3 |
| OREAS 45f (Aqua Regia) Cert | 0.0870 | | | 10.1 | 14.4 | | 1.97 | 1.91 | | 0.250 | 6.74 | 0.690 | 30.0 | | 2.63 | | | 0.280 |
| OREAS 263 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | |
| OREAS 263 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | |
| OREAS 130 (Aqua Regia) Meas | 0.21 | 23.2 | | | 39.5 | | | | | | 12.8 | | 24.3 | | 6.1 | | 630 | 0.5 |
| OREAS 130 (Aqua Regia) Cert | 0.200 | 29.9 | | | 41.6 | | | | | | 13.0 | | 19.0 | | 5.93 | | 670 | 0.480 |
| Oreas 620 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | |
| Oreas 620 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | |
| OREAS 45h (Aqua Regia) Meas | 0.08 | | | 8.01 | 10.7 | | 1.40 | 1.7 | | 0.3 | 5.82 | 0.8 | 21.2 | | 2.1 | | | 0.3 |
| OREAS 45h (Aqua Regia) Cert | 0.086 | | | 8.92 | 11.5 | | 1.34 | 1.95 | | 0.29 | 7.24 | 0.95 | 28.1 | | 2.33 | | | 0.35 |
| 143939 Orig | < 0.02 | 1.3 | 1.21 | 14.2 | 1.5 | 1.3 | 0.19 | 2.6 | < 0.05 | 0.2 | 6.11 | 0.5 | 0.4 | < 2 | 3.8 | < 10 | 60 | 0.2 |
| 143939 Dup | < 0.02 | 1.4 | 1.30 | 16.0 | 1.6 | 1.1 | 0.26 | 2.8 | < 0.05 | 0.2 | 6.71 | 0.5 | 0.4 | < 2 | 4.2 | < 10 | 70 | 0.2 |
| Method Blank | < 0.02 | < 0.1 | < 0.02 | < 0.02 | < 0.1 | < 0.2 | < 0.05 | < 0.1 | < 0.05 | < 0.1 | < 0.01 | < 0.1 | 0.2 | < 2 | < 0.1 | < 10 | < 10 | < 0.1 |
| Method Blank | | | | | | | | | | | | | | | | | | |
| Method Blank | < 0.02 | < 0.1 | < 0.02 | < 0.02 | < 0.1 | < 0.2 | < 0.05 | < 0.1 | < 0.05 | < 0.1 | < 0.01 | < 0.1 | < 0.1 | < 2 | < 0.1 | < 10 | < 10 | < 0.1 |
| Method Blank | < 0.02 | < 0.1 | < 0.02 | < 0.02 | < 0.1 | < 0.2 | < 0.05 | < 0.1 | < 0.05 | < 0.1 | < 0.01 | < 0.1 | 0.7 | < 2 | < 0.1 | < 10 | < 10 | < 0.1 |