



Report No.: A21-21310

Report Date: 14-Feb-22

Date Submitted: 11-Nov-21

Your Reference: 11840528

Ministere des Ressources naturelles et de la Faune

5700, 4e Avenue Ouest D-316

Quebec PQ G1H 6R1

Canada

ATTN: Nathalie Bouchard (Invoices)

CERTIFICATE OF ANALYSIS

199 Stream Sediment samples were submitted for analysis.

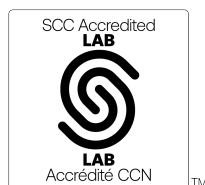
| | | |
|---|--|---------------------|
| The following analytical package(s) were requested: | | Testing Date: |
| UT-2-MRNF Quebec | QOP AquaGeo/QOP Ultratrace-1 (Aqua Regia ICPOES/ICPMS) | 2022-01-11 12:55:27 |

REPORT A21-21310

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:

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.



LabID: 266

ACTIVATION LABORATORIES LTD.
41 Bittern Street, Ancaster, Ontario, Canada, L9G 4V5
TELEPHONE +905 648-9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

CERTIFIED BY:

A handwritten signature in black ink, appearing to be "Emmanuel Esemé".

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128800 | 9.8 | 0.252 | 2.46 | 21.6 | 7 | 88.4 | 4.83 | 0.18 | 0.30 | 11.6 | 35 | 6.45 | 138 | 1.3 | 0.8 | 3.5 | 3.16 | 8.03 | 0.30 | 32.4 | 0.1 | 0.63 | 581 |
| 128801 | 1.2 | 0.128 | 1.67 | 8.2 | 3 | 69.4 | 0.14 | 0.31 | 0.70 | 19.1 | 48 | 1.10 | 38.2 | 3.1 | 1.6 | 7.3 | 4.60 | 2.80 | 0.09 | 98.8 | 0.3 | 0.27 | 2010 |
| 128802 | 0.6 | 0.130 | 1.63 | 1.9 | 3 | 38.2 | 0.08 | 0.23 | 0.42 | 7.1 | 26 | 0.80 | 11.6 | 1.1 | 0.7 | 2.6 | 2.58 | 3.71 | 0.05 | 31.6 | 0.1 | 0.16 | 433 |
| 128803 | 0.7 | 0.069 | 0.23 | 0.9 | 3 | 17.0 | 0.04 | 0.17 | 0.16 | 0.5 | 3 | 0.21 | 4.4 | 0.2 | 0.1 | 0.4 | 0.20 | 0.84 | < 0.01 | 6.4 | < 0.1 | 0.02 | 18 |
| 128804 | 0.6 | 0.098 | 1.39 | 3.0 | 4 | 31.6 | 0.15 | 0.20 | 0.53 | 6.5 | 17 | 0.62 | 10.1 | 1.1 | 0.6 | 2.5 | 1.63 | 3.08 | 0.03 | 32.2 | 0.1 | 0.10 | 386 |
| 128805 | 0.9 | 0.159 | 1.45 | 2.7 | 4 | 36.3 | 0.17 | 0.22 | 0.52 | 3.5 | 18 | 0.69 | 13.7 | 1.0 | 0.7 | 2.6 | 1.18 | 3.41 | 0.04 | 35.5 | 0.1 | 0.11 | 131 |
| 128806 | 0.3 | 0.195 | 1.83 | 3.5 | 5 | 43.7 | 0.13 | 0.26 | 0.69 | 8.9 | 26 | 0.84 | 17.3 | 1.4 | 0.9 | 3.4 | 1.97 | 4.02 | 0.04 | 46.0 | 0.2 | 0.14 | 475 |
| 128807 | 1.1 | 0.089 | 1.62 | 4.5 | 4 | 81.7 | 0.11 | 0.40 | 0.70 | 15.6 | 52 | 1.85 | 22.9 | 2.1 | 1.1 | 4.8 | 2.60 | 4.71 | 0.20 | 56.6 | 0.3 | 0.51 | 609 |
| 128808 | 1.1 | 0.228 | 1.01 | 1.2 | 3 | 68.4 | 0.04 | 0.27 | 0.34 | 1.5 | 15 | 0.36 | 21.2 | 0.9 | 0.8 | 2.1 | 0.66 | 2.56 | 0.01 | 37.6 | 0.1 | 0.04 | 37 |
| 128809 | 0.5 | 0.379 | 0.93 | 1.3 | 3 | 36.1 | 0.07 | 0.22 | 0.33 | 0.9 | 13 | 0.45 | 16.7 | 0.7 | 0.5 | 1.6 | 0.35 | 4.66 | 0.02 | 19.9 | < 0.1 | 0.05 | 25 |
| 128810 | 0.6 | 0.204 | 0.84 | 1.4 | 3 | 38.8 | 0.07 | 0.25 | 0.27 | 1.4 | 13 | 0.57 | 10.9 | 0.6 | 0.5 | 1.5 | 0.53 | 3.65 | 0.02 | 21.4 | < 0.1 | 0.08 | 37 |
| 128811 | 0.8 | 0.042 | 0.55 | 1.2 | 3 | 30.7 | 0.06 | 0.26 | 0.15 | 2.5 | 19 | 0.81 | 4.6 | 0.5 | 0.3 | 1.3 | 0.62 | 2.55 | 0.05 | 16.5 | < 0.1 | 0.18 | 98 |
| 128812 | 0.9 | 0.055 | 0.72 | 2.0 | 3 | 37.6 | 0.10 | 0.27 | 0.17 | 3.1 | 23 | 0.85 | 5.6 | 0.7 | 0.4 | 1.5 | 0.77 | 2.97 | 0.06 | 18.6 | < 0.1 | 0.22 | 113 |
| 128813 | 0.4 | 0.171 | 1.00 | 2.4 | 3 | 57.2 | 0.16 | 0.64 | 0.24 | 6.1 | 32 | 1.23 | 9.8 | 1.0 | 1.5 | 2.8 | 1.41 | 4.64 | 0.10 | 60.0 | 0.1 | 0.38 | 364 |
| 128814 | 1.7 | 0.032 | 0.78 | 1.8 | 3 | 33.4 | 0.08 | 0.31 | 0.08 | 7.5 | 24 | 1.02 | 3.8 | 0.8 | 0.6 | 1.9 | 1.38 | 2.90 | 0.07 | 26.2 | < 0.1 | 0.26 | 562 |
| 128815 | 0.8 | 0.039 | 0.67 | 1.5 | 3 | 37.1 | 0.11 | 0.27 | 0.12 | 3.2 | 21 | 1.08 | 6.2 | 0.6 | 0.5 | 1.4 | 0.84 | 2.76 | 0.07 | 20.9 | < 0.1 | 0.23 | 150 |
| 128816 | 0.8 | 0.165 | 1.25 | 2.0 | 4 | 52.3 | 0.18 | 0.29 | 0.52 | 3.7 | 20 | 0.81 | 12.7 | 1.2 | 0.9 | 2.7 | 1.12 | 3.06 | 0.05 | 42.2 | 0.1 | 0.14 | 132 |
| 128817 | 0.4 | 0.255 | 1.23 | 1.6 | 3 | 45.6 | 0.11 | 0.36 | 0.34 | 2.4 | 17 | 0.75 | 10.8 | 1.0 | 0.8 | 2.5 | 1.01 | 5.85 | 0.04 | 37.2 | < 0.1 | 0.13 | 109 |
| 128818 | 1.0 | 0.069 | 0.30 | 0.9 | 3 | 23.3 | 0.04 | 0.27 | 0.13 | 0.6 | 6 | 0.26 | 4.3 | 0.2 | 0.2 | 0.6 | 0.13 | 0.97 | 0.01 | 9.8 | < 0.1 | 0.05 | 38 |
| 128819 | 0.8 | 0.074 | 0.30 | 1.0 | 3 | 22.6 | 0.04 | 0.25 | 0.15 | 0.6 | 6 | 0.24 | 4.5 | 0.2 | 0.2 | 0.6 | 0.13 | 1.11 | 0.01 | 10.1 | < 0.1 | 0.05 | 37 |
| 128820 | 0.9 | 0.077 | 1.48 | 3.9 | 3 | 33.4 | 0.10 | 0.28 | 0.53 | 9.4 | 32 | 0.62 | 20.2 | 2.5 | 1.6 | 6.1 | 1.57 | 1.73 | 0.04 | 98.5 | 0.3 | 0.12 | 184 |
| 128821 | 1.1 | 0.109 | 1.15 | 1.3 | 3 | 38.6 | 0.04 | 0.26 | 0.22 | 3.2 | 15 | 0.46 | 10.6 | 0.9 | 0.7 | 2.2 | 0.68 | 2.14 | 0.02 | 36.4 | 0.1 | 0.08 | 72 |
| 128822 | < 0.2 | 0.082 | 0.68 | 1.4 | 3 | 26.4 | 0.03 | 0.30 | 0.36 | 2.2 | 9 | 0.40 | 8.5 | 0.6 | 0.5 | 1.6 | 0.37 | 1.43 | 0.01 | 30.0 | < 0.1 | 0.05 | 47 |
| 128823 | 0.7 | 0.033 | 0.64 | 1.6 | 3 | 15.3 | 0.06 | 0.12 | 0.36 | 5.8 | 13 | 0.35 | 4.0 | 0.6 | 0.4 | 1.4 | 2.76 | 1.25 | 0.02 | 22.6 | < 0.1 | 0.07 | 791 |
| 128824 | 0.4 | 0.114 | 1.06 | 2.8 | 4 | 30.2 | 0.13 | 0.33 | 0.36 | 4.5 | 19 | 0.55 | 9.7 | 1.1 | 0.7 | 2.5 | 2.46 | 2.36 | 0.03 | 42.9 | 0.1 | 0.10 | 101 |
| 128825 | 0.4 | 0.004 | 0.03 | 0.8 | 2 | 1.0 | < 0.02 | < 0.01 | < 0.01 | 0.3 | 4 | 0.03 | 4.2 | < 0.1 | < 0.1 | < 0.1 | 0.31 | 0.15 | < 0.01 | 0.8 | < 0.1 | < 0.01 | 26 |
| 128826 | 1.1 | 0.177 | 0.75 | 1.4 | 4 | 37.1 | 0.07 | 0.35 | 0.43 | 3.7 | 15 | 0.40 | 11.1 | 1.0 | 0.8 | 2.5 | 0.92 | 1.50 | 0.01 | 46.0 | 0.1 | 0.04 | 58 |
| 128827 | 0.3 | 0.037 | 0.55 | 3.2 | 2 | 20.7 | 0.06 | 0.23 | 0.14 | 8.9 | 14 | 0.36 | 6.0 | 0.7 | 0.5 | 1.7 | 1.95 | 1.57 | 0.02 | 30.4 | < 0.1 | 0.11 | 135 |
| 128829 | 0.5 | 0.065 | 0.79 | 3.5 | 5 | 10.0 | 0.07 | 0.46 | 0.13 | 6.4 | 26 | 1.04 | 7.0 | 0.9 | 0.5 | 2.0 | 1.66 | 2.97 | 0.10 | 25.4 | 0.1 | 0.30 | 164 |
| 128830 | 0.9 | 0.108 | 1.45 | 2.8 | 3 | 42.3 | 0.11 | 0.24 | 0.55 | 6.3 | 25 | 0.85 | 11.6 | 1.3 | 0.8 | 2.8 | 1.95 | 2.66 | 0.05 | 36.8 | 0.2 | 0.17 | 311 |
| 128831 | 0.4 | 0.098 | 1.44 | 2.6 | 4 | 43.8 | 0.09 | 0.29 | 0.32 | 5.4 | 27 | 0.83 | 12.3 | 1.5 | 1.0 | 3.5 | 2.52 | 2.58 | 0.05 | 48.6 | 0.2 | 0.18 | 200 |
| 128832 | < 0.2 | 0.021 | 0.44 | 1.2 | 2 | 25.2 | 0.06 | 0.25 | 0.08 | 4.3 | 15 | 0.48 | 3.5 | 0.7 | 0.4 | 1.5 | 1.05 | 1.77 | 0.04 | 19.3 | < 0.1 | 0.16 | 187 |
| 128833 | 1.0 | 0.247 | 2.55 | 21.3 | 6 | 91.4 | 4.73 | 0.19 | 0.33 | 12.0 | 35 | 6.80 | 139 | 1.3 | 0.8 | 3.4 | 3.15 | 8.04 | 0.31 | 33.0 | 0.1 | 0.65 | 586 |
| 128834 | 0.2 | 0.145 | 1.51 | 2.9 | 3 | 37.7 | 0.13 | 0.24 | 0.51 | 6.8 | 24 | 0.75 | 16.7 | 1.6 | 1.3 | 3.5 | 1.98 | 2.92 | 0.04 | 56.6 | 0.2 | 0.12 | 122 |
| 128835 | 0.4 | 0.095 | 0.53 | 1.8 | 3 | 27.8 | 0.06 | 0.21 | 0.46 | 2.3 | 11 | 0.39 | 7.0 | 0.6 | 0.4 | 1.3 | 0.52 | 1.25 | 0.02 | 18.9 | < 0.1 | 0.06 | 79 |
| 128836 | 0.4 | 0.062 | 0.41 | 0.8 | 3 | 21.4 | 0.02 | 0.27 | 0.16 | 1.1 | 7 | 0.23 | 7.3 | 0.4 | 0.4 | 1.0 | 0.10 | 0.95 | 0.01 | 16.1 | < 0.1 | 0.04 | 19 |
| 128837 | 0.6 | 0.044 | 0.60 | 0.9 | 3 | 29.4 | 0.06 | 0.31 | 0.08 | 2.7 | 23 | 0.73 | 5.1 | 0.7 | 0.4 | 1.6 | 0.82 | 2.56 | 0.06 | 20.3 | < 0.1 | 0.22 | 137 |
| 128838 | 0.8 | 0.045 | 0.76 | 2.1 | 3 | 33.9 | 0.14 | 0.27 | 0.26 | 5.2 | 28 | 0.86 | 6.7 | 0.8 | 0.5 | 1.9 | 1.68 | 2.77 | 0.08 | 22.1 | < 0.1 | 0.26 | 283 |
| 128839 | 1.9 | 0.028 | 0.62 | 1.4 | 3 | 26.2 | 0.07 | 0.28 | 0.16 | 3.9 | 23 | 0.64 | 4.2 | 0.8 | 0.4 | 1.8 | 1.07 | 2.45 | 0.06 | 20.5 | < 0.1 | 0.22 | 212 |
| 128840 | 1.0 | 0.027 | 0.55 | 1.2 | 3 | 27.1 | 0.08 | 0.28 | 0.14 | 3.1 | 23 | 0.67 | 3.9 | 0.7 | 0.4 | 1.6 | 0.95 | 2.26 | 0.06 | 18.4 | < 0.1 | 0.22 | 176 |
| 128841 | 0.5 | 0.023 | 0.52 | 1.3 | 3 | 24.7 | 0.07 | 0.25 | 0.12 | 2.9 | 20 | 0.63 | 3.3 | 0.7 | 0.4 | 1.5 | 0.86 | 2.11 | 0.05 | 17.2 | < 0.1 | 0.19 | 157 |
| 128842 | 0.6 | 0.097 | 0.50 | 1.2 | 3 | 33.6 | 0.06 | 0.32 | 0.35 | 1.7 | 14 | 0.45 | 6.8 | 0.9 | 0.8 | 2.2 | 0.35 | 1.09 | 0.02 | 35.0 | 0.1 | 0.08 | 95 |
| 128843 | 0.8 | 0.135 | 1.02 | 1.2 | 3 | 31.0 | 0.06 | 0.17 | 0.70 | 2.2 | 14 | 0.40 | 13.0 | 1.0 | 0.6 | 2.1 | 0.71 | 1.95 | 0.02 | 26.2 | 0.1 | 0.05 | 65 |
| 128844 | 0.4 | 0.068 | 0.17 | 0.9 | 4 | 36.1 | 0.05 | 0.40 | 0.23 | 0.7 | 4 | 0.21 | 5.9 | 0.2 | 0.1 | 0.5 | 0.13 | 0.62 | 0.01 | 6.4 | < 0.1 | 0.04 | 25 |
| 128845 | 1.4 | 0.090 | 0.45 | 0.7 | 3 | 31.8 | 0.08 | 0.19 | 0.34 | 0.7 | 11 | 0.50 | 8.3 | 0.4 | 0.3 | 1.0 | 0.12 | 1.06 | 0.02 | 13.3 | < 0.1 | 0.04 | 37 |
| 128846 | 1.1 | 0.337 | 1.82 | 5.0 | 5 | 63.9 | 0.14 | 0.40 | 0.78 | 12.9 | 30 | 1.12 | 23.0 | 1.8 | 1.1 | 4.1 | 6.19 | 4.95 | 0.05 | 51.3 | 0.2 | 0.11 | 663 |
| 128847 | 1.4 | 0.369 | 1.44 | 2.6 | 4 | 66.2 | 0.13 | 0.49 | 0.44 | 7.1 | 20 | 0.77 | 19.6 | 1.4 | 1.0 | 3.5 | 1.82 | 5.00 | 0.03 | 50.8 | 0.1 | 0.08 | 178 |
| 128848 | 0.7 | 0.117 | 0.39 | 1.0 | 3 | 37.8 | 0.05 | 0.23 | 0.20 | 0.8 | 4 | 0.34 | 7.3 | 0.5 | 0.4 | 1.2 | 0.11 | 1.08 | < 0.01 | 20.5 | < 0.1 | 0.03 | 23 |
| 128849 | 0.6 | 0.070 | 0.38 | 1.1 | 3 | 30.8 | 0.03 | 0.24 | 0.19 | 1.0 | 9 | 0.36 | 6.6 | 0.6 | 0.5 | 1.4 | 0.19 | 1.10 | 0.02 | 20.6 | < 0.1 | 0.05 | 34 |
| 128850 | 0.4 | 0.055 | 0.37 | 1.1 | 2 | 11.5 | 0.05 | 0.29 | 0.02 | 2.7 | 129 | 0.27 | 19.3 | 0.4 | 0.2 | 0.8 | 1.01 | 2.29 | 0.05 | 9.6 | < 0.1 | 0.13 | 141 |
| 128851 | 0.8 | 0.143 | 1.53 | 2.9 | 3 | 30.8 | 0.10 | 0.23 | 0.52 | 5.5 | 30 | 0.49 | 26.7 | 1.7 | 1.5 | 3.8 | 0.98 | 2.42 | 0.02 | 59.6 | 0.2 | 0.08 | 115 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128852 | 0.6 | 0.086 | 1.06 | 1.6 | 3 | 48.9 | 0.09 | 0.35 | 0.19 | 6.4 | 35 | 1.22 | 9.2 | 0.9 | 0.6 | 2.0 | 1.50 | 4.23 | 0.10 | 26.0 | 0.1 | 0.32 | 200 |
| 128853 | 2.9 | 0.027 | 0.69 | 1.1 | 3 | 33.8 | 0.07 | 0.23 | 0.10 | 6.3 | 26 | 0.79 | 4.1 | 0.8 | 0.5 | 1.8 | 1.95 | 2.41 | 0.07 | 21.9 | < 0.1 | 0.24 | 1120 |
| 128854 | 0.5 | 0.260 | 0.48 | 1.0 | 4 | 28.9 | 0.03 | 0.24 | 0.31 | 0.9 | 10 | 0.35 | 18.4 | 0.5 | 0.4 | 1.0 | 0.15 | 1.66 | 0.02 | 21.1 | < 0.1 | 0.04 | 45 |
| 128855 | 1.2 | 0.134 | 1.69 | 2.0 | 4 | 72.2 | 0.10 | 0.36 | 0.34 | 11.9 | 41 | 1.70 | 13.2 | 1.4 | 0.9 | 3.2 | 3.60 | 4.39 | 0.12 | 40.0 | 0.2 | 0.36 | 551 |
| 128856 | 1.4 | 0.142 | 1.61 | 2.2 | 4 | 71.4 | 0.10 | 0.33 | 0.33 | 14.8 | 41 | 1.69 | 13.1 | 1.4 | 0.9 | 3.1 | 4.01 | 4.64 | 0.12 | 40.7 | 0.2 | 0.35 | 956 |
| 128857 | 1.1 | 0.062 | 0.86 | 1.5 | 3 | 36.0 | 0.08 | 0.27 | 0.20 | 5.2 | 30 | 1.02 | 6.9 | 0.9 | 0.5 | 2.0 | 1.92 | 2.81 | 0.08 | 23.3 | 0.1 | 0.27 | 271 |
| 128858 | 0.5 | 0.033 | 0.65 | 1.4 | 3 | 25.0 | 0.08 | 0.23 | 0.15 | 3.0 | 21 | 0.68 | 4.7 | 0.7 | 0.4 | 1.6 | 1.20 | 2.03 | 0.05 | 20.1 | < 0.1 | 0.18 | 140 |
| 128859 | 0.8 | 0.034 | 1.13 | 1.6 | 2 | 42.5 | 0.06 | 0.17 | 0.71 | 4.6 | 35 | 1.09 | 9.1 | 0.9 | 0.5 | 2.1 | 0.75 | 3.78 | 0.10 | 30.1 | < 0.1 | 0.28 | 104 |
| 128860 | 0.5 | 0.036 | 0.71 | 1.1 | 3 | 33.7 | 0.06 | 0.20 | 0.12 | 3.3 | 17 | 0.70 | 3.6 | 0.7 | 0.4 | 1.5 | 1.56 | 1.85 | 0.05 | 19.0 | < 0.1 | 0.16 | 191 |
| 128861 | < 0.2 | 0.026 | 0.62 | 2.3 | 3 | 30.7 | 0.10 | 0.19 | 0.22 | 5.3 | 18 | 0.59 | 3.3 | 0.6 | 0.4 | 1.3 | 2.25 | 1.85 | 0.04 | 15.4 | < 0.1 | 0.13 | 985 |
| 128862 | 1.4 | 0.045 | 0.28 | 0.8 | 3 | 23.9 | 0.05 | 0.29 | 0.21 | 0.9 | 3 | 0.17 | 4.6 | 0.4 | 0.3 | 0.7 | 0.13 | 0.59 | 0.01 | 10.7 | < 0.1 | 0.03 | 33 |
| 128863 | 2.3 | 0.063 | 0.29 | 1.1 | 3 | 31.3 | 0.08 | 0.28 | 0.31 | 0.5 | 3 | 0.22 | 5.0 | 0.3 | 0.2 | 0.6 | 0.12 | 0.74 | 0.01 | 7.7 | < 0.1 | 0.03 | 19 |
| 128864 | 1.6 | 0.020 | 0.54 | 1.7 | 3 | 20.2 | 0.07 | 0.19 | 0.16 | 2.5 | 13 | 0.49 | 3.4 | 0.6 | 0.3 | 1.3 | 0.95 | 1.56 | 0.03 | 15.2 | < 0.1 | 0.12 | 111 |
| 128865 | 1.4 | 0.062 | 0.32 | 0.8 | 3 | 19.8 | 0.04 | 0.26 | 0.31 | 1.0 | 8 | 0.26 | 6.9 | 0.4 | 0.3 | 1.0 | 0.20 | 1.43 | 0.03 | 14.6 | < 0.1 | 0.06 | 32 |
| 128866 | 0.9 | 0.042 | 0.20 | 0.9 | 3 | 21.2 | 0.04 | 0.14 | 0.14 | 0.4 | 8 | 0.40 | 3.5 | 0.6 | 0.3 | 1.2 | 0.44 | 0.70 | 0.01 | 16.6 | < 0.1 | 0.03 | 17 |
| 128867 | 0.9 | 0.050 | 0.19 | 1.5 | 3 | 21.4 | 0.06 | 0.12 | 0.17 | 0.4 | 7 | 0.39 | 3.7 | 0.6 | 0.3 | 1.1 | 0.48 | 0.79 | 0.01 | 14.8 | < 0.1 | 0.03 | 19 |
| 128868 | 0.8 | 0.018 | 0.34 | 1.0 | 3 | 16.3 | 0.04 | 0.20 | 0.16 | 1.7 | 9 | 0.23 | 2.1 | 0.5 | 0.3 | 1.0 | 0.86 | 1.46 | 0.02 | 11.4 | < 0.1 | 0.09 | 107 |
| 128869 | 1.5 | 0.029 | 0.42 | 1.1 | 3 | 21.6 | 0.06 | 0.20 | 0.22 | 1.5 | 11 | 0.41 | 3.1 | 0.4 | 0.2 | 0.9 | 0.63 | 1.92 | 0.03 | 11.6 | < 0.1 | 0.12 | 81 |
| 128870 | 0.9 | 0.046 | 0.59 | 1.2 | 2 | 40.6 | 0.04 | 0.11 | 0.14 | 1.2 | 11 | 0.63 | 4.2 | 1.0 | 0.6 | 1.8 | 0.45 | 1.51 | 0.03 | 25.3 | 0.1 | 0.07 | 37 |
| 128871 | 1.3 | 0.032 | 0.35 | 1.1 | 3 | 23.3 | 0.09 | 0.24 | 0.13 | 1.8 | 9 | 0.42 | 3.7 | 0.6 | 0.4 | 1.3 | 0.54 | 1.29 | 0.03 | 16.3 | < 0.1 | 0.12 | 77 |
| 128872 | 2.0 | 0.118 | 0.36 | 0.9 | 4 | 65.8 | 0.03 | 0.38 | 0.45 | 1.4 | 5 | 0.56 | 7.8 | 0.8 | 0.5 | 1.5 | 0.10 | 0.75 | 0.02 | 17.6 | < 0.1 | 0.04 | 53 |
| 128873 | 1.9 | 0.078 | 0.39 | 1.2 | 3 | 28.6 | 0.06 | 0.25 | 0.34 | 1.6 | 7 | 0.29 | 5.8 | 0.4 | 0.3 | 0.8 | 0.23 | 1.17 | 0.02 | 11.9 | < 0.1 | 0.04 | 51 |
| 128874 | 1.8 | 0.109 | 0.59 | 1.2 | 3 | 41.3 | 0.08 | 0.30 | 0.34 | 1.5 | 12 | 0.47 | 7.1 | 0.6 | 0.3 | 1.1 | 0.77 | 2.61 | 0.03 | 14.8 | < 0.1 | 0.07 | 81 |
| 128875 | 1.2 | < 0.002 | 0.03 | 0.8 | 2 | 0.7 | < 0.02 | < 0.01 | < 0.01 | 0.4 | 4 | 0.05 | 4.6 | < 0.1 | < 0.1 | < 0.1 | 0.33 | 0.05 | < 0.01 | 0.8 | < 0.1 | < 0.01 | 28 |
| 128876 | 1.6 | 0.051 | 0.31 | 0.9 | 4 | 21.1 | 0.03 | 0.33 | 0.18 | 1.8 | 9 | 0.41 | 4.7 | 0.6 | 0.3 | 1.1 | 0.21 | 0.83 | 0.02 | 12.7 | < 0.1 | 0.05 | 49 |
| 128877 | 2.2 | 0.027 | 0.39 | 1.2 | 3 | 24.0 | 0.05 | 0.21 | 0.25 | 1.4 | 12 | 0.46 | 3.7 | 0.5 | 0.3 | 0.9 | 0.52 | 1.53 | 0.03 | 11.6 | < 0.1 | 0.11 | 72 |
| 128878 | 1.4 | 0.045 | 0.35 | 0.8 | 2 | 9.9 | 0.03 | 0.10 | 0.13 | 0.8 | 10 | 0.32 | 3.6 | 0.5 | 0.3 | 1.0 | 0.12 | 0.95 | < 0.01 | 18.1 | < 0.1 | 0.04 | 34 |
| 128879 | 1.4 | 0.082 | 0.49 | 1.0 | 3 | 54.7 | 0.05 | 0.28 | 0.46 | 1.7 | 9 | 0.56 | 10.0 | 0.7 | 0.4 | 1.4 | 0.44 | 1.08 | 0.02 | 19.0 | < 0.1 | 0.06 | 37 |
| 128880 | 2.2 | 0.093 | 0.52 | 0.8 | 2 | 58.2 | 0.04 | 0.30 | 0.49 | 1.6 | 10 | 0.49 | 10.4 | 0.7 | 0.4 | 1.4 | 0.46 | 1.08 | 0.02 | 19.7 | < 0.1 | 0.06 | 49 |
| 128881 | 1.1 | 0.035 | 0.34 | 1.8 | 2 | 22.3 | 0.09 | 0.16 | 0.21 | 1.7 | 10 | 0.48 | 4.1 | 0.5 | 0.3 | 1.0 | 0.41 | 1.26 | 0.02 | 13.8 | < 0.1 | 0.08 | 55 |
| 128882 | 1.7 | 0.084 | 0.39 | 1.0 | 3 | 37.7 | 0.04 | 0.28 | 0.17 | 2.0 | 6 | 0.31 | 10.2 | 0.9 | 0.5 | 1.8 | 0.12 | 0.69 | 0.01 | 19.0 | 0.1 | 0.04 | 14 |
| 128883 | 1.2 | 0.048 | 0.38 | 0.9 | 2 | 14.1 | 0.05 | 0.29 | 0.02 | 2.9 | 126 | 0.24 | 21.1 | 0.4 | 0.2 | 0.8 | 1.04 | 2.04 | 0.05 | 9.4 | < 0.1 | 0.13 | 144 |
| 128884 | 3.9 | 0.089 | 0.30 | 1.0 | 3 | 20.8 | 0.03 | 0.28 | 0.18 | 1.1 | 4 | 0.25 | 6.2 | 0.4 | 0.2 | 0.8 | 0.17 | 0.75 | 0.01 | 9.4 | < 0.1 | 0.03 | 29 |
| 128885 | 2.6 | 0.051 | 0.50 | 2.0 | 3 | 30.1 | 0.12 | 0.19 | 0.29 | 2.1 | 13 | 0.56 | 5.4 | 0.5 | 0.3 | 1.1 | 0.58 | 2.07 | 0.04 | 14.2 | < 0.1 | 0.13 | 76 |
| 128886 | 2.5 | 0.065 | 0.45 | 1.3 | 4 | 21.9 | 0.05 | 0.33 | 0.27 | 2.0 | 13 | 0.37 | 6.6 | 0.6 | 0.3 | 1.1 | 0.43 | 0.95 | 0.02 | 14.6 | < 0.1 | 0.06 | 114 |
| 128887 | 2.0 | 0.053 | 0.46 | 1.1 | 3 | 32.1 | 0.05 | 0.23 | 0.41 | 2.0 | 11 | 0.42 | 4.9 | 0.7 | 0.4 | 1.5 | 0.44 | 1.39 | 0.02 | 19.4 | < 0.1 | 0.09 | 69 |
| 128888 | 1.7 | 0.048 | 0.46 | 1.4 | 3 | 35.3 | 0.04 | 0.25 | 0.25 | 2.3 | 12 | 0.39 | 5.6 | 0.8 | 0.5 | 1.6 | 0.42 | 1.26 | 0.02 | 22.9 | 0.1 | 0.08 | 63 |
| 128889 | 0.8 | 0.031 | 0.55 | 0.8 | 3 | 35.0 | 0.07 | 0.34 | 0.10 | 3.1 | 21 | 0.55 | 6.0 | 0.6 | 0.3 | 1.2 | 0.77 | 2.56 | 0.08 | 13.9 | < 0.1 | 0.26 | 127 |
| 128890 | 1.8 | 0.085 | 0.63 | 0.6 | 3 | 47.8 | 0.04 | 0.27 | 0.23 | 1.9 | 10 | 0.34 | 6.4 | 0.6 | 0.4 | 1.2 | 0.45 | 1.21 | 0.02 | 16.8 | < 0.1 | 0.05 | 37 |
| 128891 | 2.4 | 0.068 | 0.25 | 1.1 | 2 | 21.7 | 0.05 | 0.20 | 0.15 | 0.5 | 5 | 0.19 | 4.5 | 0.3 | 0.2 | 0.5 | 0.23 | 0.80 | 0.01 | 8.4 | < 0.1 | 0.03 | 16 |
| 128892 | 14.9 | 0.060 | 0.45 | 1.2 | 3 | 31.3 | 0.04 | 0.26 | 0.28 | 1.3 | 8 | 0.22 | 4.8 | 0.4 | 0.3 | 0.9 | 0.72 | 1.45 | 0.02 | 11.1 | < 0.1 | 0.08 | 55 |
| 128893 | 1.5 | 0.038 | 0.67 | 1.3 | 3 | 27.2 | 0.07 | 0.20 | 0.14 | 3.2 | 16 | 0.62 | 4.3 | 0.7 | 0.4 | 1.4 | 1.10 | 2.01 | 0.04 | 16.9 | < 0.1 | 0.16 | 112 |
| 128894 | 1.0 | 0.024 | 0.53 | 1.4 | 3 | 21.2 | 0.08 | 0.20 | 0.15 | 3.5 | 13 | 0.43 | 3.3 | 0.6 | 0.3 | 1.4 | 0.95 | 1.78 | 0.04 | 14.5 | < 0.1 | 0.13 | 116 |
| 128895 | 1.5 | 0.047 | 0.85 | 3.1 | 3 | 44.2 | 0.19 | 0.21 | 0.22 | 5.0 | 18 | 0.72 | 4.7 | 0.8 | 0.4 | 1.7 | 2.71 | 2.45 | 0.06 | 19.4 | < 0.1 | 0.16 | 479 |
| 128896 | 0.9 | 0.049 | 0.85 | 1.6 | 3 | 33.7 | 0.09 | 0.24 | 0.28 | 3.0 | 18 | 0.71 | 5.4 | 0.8 | 0.5 | 1.9 | 1.19 | 2.45 | 0.06 | 20.7 | < 0.1 | 0.18 | 127 |
| 128897 | 1.1 | 0.040 | 0.83 | 1.7 | 3 | 30.8 | 0.06 | 0.23 | 0.21 | 3.3 | 17 | 0.69 | 5.1 | 0.8 | 0.5 | 1.8 | 1.14 | 2.45 | 0.05 | 20.3 | < 0.1 | 0.17 | 117 |
| 128898 | 1.0 | 0.018 | 0.45 | 1.2 | 3 | 16.9 | 0.04 | 0.20 | 0.12 | 3.1 | 10 | 0.34 | 3.0 | 0.6 | 0.3 | 1.3 | 0.74 | 1.31 | 0.03 | 13.6 | < 0.1 | 0.10 | 93 |
| 128899 | 3.3 | 0.019 | 0.40 | 0.9 | 2 | 19.1 | 0.05 | 0.19 | 0.14 | 2.7 | 12 | 0.48 | 2.9 | 0.4 | 0.2 | 1.0 | 0.83 | 1.63 | 0.04 | 10.3 | < 0.1 | 0.15 | 108 |
| 128900 | 2.2 | 1.36 | 1.07 | 77.3 | 9 | 37.8 | 0.27 | 0.58 | 0.07 | 10.2 | 60 | 0.89 | 19.8 | 0.7 | 0.5 | 1.6 | 1.98 | 4.07 | 0.10 | 13.3 | < 0.1 | 0.57 | 315 |
| 128901 | 0.7 | 0.069 | 0.43 | 1.3 | 3 | 29.2 | 0.08 | 0.28 | 0.32 | 1.2 | 5 | 0.25 | 5.1 | 0.4 | 0.2 | 0.8 | 0.16 | 1.24 | 0.02 | 11.0 | < 0.1 | 0.04 | 24 |
| 128902 | 0.8 | 0.052 | 0.27 | 1.1 | 3 | 22.8 | 0.04 | 0.23 | 0.25 | 0.5 | 3 | 0.21 | 4.2 | 0.2 | 0.1 | 0.5 | 0.09 | 0.83 | 0.01 | 7.6 | < 0.1 | 0.03 | 13 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128903 | 4.3 | 0.043 | 0.48 | 1.1 | 2 | 29.7 | 0.08 | 0.24 | 0.18 | 1.8 | 13 | 0.42 | 4.1 | 0.5 | 0.3 | 1.2 | 0.56 | 2.19 | 0.04 | 14.1 | < 0.1 | 0.15 | 84 |
| 128904 | 1.0 | 0.034 | 0.71 | 1.5 | 3 | 36.7 | 0.06 | 0.26 | 0.18 | 3.4 | 19 | 0.58 | 4.8 | 0.7 | 0.4 | 1.7 | 1.10 | 2.44 | 0.07 | 17.4 | < 0.1 | 0.22 | 206 |
| 128905 | 1.2 | 0.107 | 1.21 | 1.7 | 3 | 37.1 | 0.07 | 0.26 | 0.34 | 1.6 | 10 | 0.27 | 14.4 | 1.0 | 0.7 | 2.3 | 0.39 | 2.51 | 0.02 | 32.8 | 0.1 | 0.05 | 32 |
| 128906 | 1.6 | 0.086 | 1.38 | 1.8 | 3 | 59.2 | 0.08 | 0.28 | 0.32 | 8.5 | 25 | 0.71 | 9.0 | 1.1 | 0.6 | 2.3 | 3.23 | 3.84 | 0.07 | 27.3 | 0.1 | 0.23 | 302 |
| 128907 | 2.2 | 0.077 | 1.90 | 1.9 | 3 | 58.0 | 0.04 | 0.24 | 0.61 | 13.4 | 16 | 0.27 | 20.8 | 2.0 | 1.4 | 4.6 | 2.37 | 2.49 | 0.02 | 92.7 | 0.2 | 0.05 | 293 |
| 128908 | 2.4 | 0.424 | 2.25 | 1.7 | 4 | 113 | 0.04 | 0.72 | 0.31 | 2.0 | 16 | 0.21 | 30.4 | 1.5 | 1.1 | 3.9 | 1.54 | 4.90 | 0.01 | 86.4 | 0.2 | 0.04 | 32 |
| 128909 | 2.1 | 0.085 | 1.08 | 1.8 | 3 | 40.0 | 0.09 | 0.21 | 0.31 | 4.4 | 22 | 0.72 | 9.0 | 1.0 | 0.6 | 2.2 | 2.06 | 2.97 | 0.04 | 31.3 | 0.1 | 0.15 | 143 |
| 128910 | 1.6 | 0.053 | 0.38 | 0.9 | 3 | 30.9 | 0.02 | 0.26 | 0.22 | 1.3 | 4 | 0.18 | 6.7 | 0.6 | 0.4 | 1.4 | 0.09 | 0.73 | 0.01 | 27.6 | < 0.1 | 0.03 | 10 |
| 128911 | 2.0 | 0.131 | 1.37 | 1.2 | 3 | 45.9 | 0.06 | 0.33 | 0.44 | 3.7 | 12 | 0.30 | 12.8 | 1.1 | 0.7 | 2.7 | 0.91 | 1.95 | 0.02 | 50.9 | 0.1 | 0.05 | 68 |
| 128912 | 1.6 | 0.066 | 0.77 | 1.2 | 3 | 33.3 | 0.07 | 0.21 | 0.26 | 2.3 | 14 | 0.55 | 8.7 | 0.6 | 0.5 | 1.6 | 0.58 | 2.77 | 0.04 | 26.4 | < 0.1 | 0.13 | 64 |
| 128913 | 1.4 | 0.175 | 1.57 | 2.1 | 4 | 50.7 | 0.17 | 0.30 | 0.43 | 2.7 | 15 | 0.38 | 14.7 | 1.0 | 0.7 | 2.5 | 0.83 | 3.02 | 0.02 | 40.7 | 0.1 | 0.06 | 53 |
| 128914 | 1.0 | 0.088 | 0.32 | 0.7 | 2 | 18.6 | 0.03 | 0.15 | 0.36 | 0.5 | 5 | 0.18 | 9.9 | 0.2 | 0.2 | 0.6 | 0.09 | 1.80 | < 0.01 | 9.0 | < 0.1 | 0.02 | 11 |
| 128915 | 1.4 | 0.106 | 0.61 | 0.9 | 3 | 33.6 | < 0.02 | 0.30 | 0.21 | 1.8 | 4 | 0.28 | 6.5 | 0.5 | 0.3 | 1.2 | 0.24 | 1.98 | 0.02 | 30.0 | < 0.1 | 0.04 | 14 |
| 128916 | 1.1 | 0.078 | 0.35 | 1.1 | 3 | 38.9 | < 0.02 | 0.19 | 0.12 | 0.6 | 3 | 0.25 | 5.4 | 0.4 | 0.3 | 0.9 | 0.18 | 0.73 | 0.01 | 29.0 | < 0.1 | 0.02 | 18 |
| 128917 | 1.3 | 0.083 | 0.36 | 1.0 | 2 | 39.9 | 0.02 | 0.20 | 0.16 | 0.7 | 3 | 0.31 | 5.6 | 0.4 | 0.3 | 1.0 | 0.19 | 0.90 | 0.01 | 32.2 | < 0.1 | 0.03 | 20 |
| 128918 | 1.8 | 0.307 | 1.42 | 1.5 | 3 | 108 | 0.02 | 0.38 | 0.31 | 1.7 | 8 | 0.24 | 17.2 | 1.2 | 0.9 | 3.3 | 0.57 | 2.80 | 0.01 | 96.6 | 0.1 | 0.04 | 39 |
| 128919 | 1.6 | 0.150 | 1.68 | 1.7 | 2 | 44.7 | 0.03 | 0.22 | 0.24 | 2.1 | 13 | 0.27 | 14.2 | 1.1 | 0.9 | 2.8 | 0.69 | 3.35 | 0.02 | 77.6 | 0.1 | 0.05 | 30 |
| 128920 | 1.3 | 0.077 | 0.37 | 1.0 | 2 | 34.0 | 0.03 | 0.18 | 0.17 | 0.6 | 4 | 0.21 | 7.6 | 0.4 | 0.2 | 1.0 | 0.07 | 1.02 | < 0.01 | 23.9 | < 0.1 | 0.02 | 9 |
| 128921 | 1.5 | 0.090 | 0.71 | 0.8 | 3 | 39.4 | 0.03 | 0.19 | 0.22 | 0.6 | 9 | 0.32 | 7.3 | 0.4 | 0.3 | 0.9 | 0.18 | 2.79 | 0.01 | 14.4 | < 0.1 | 0.04 | 18 |
| 128922 | 2.3 | 0.242 | 2.98 | 1.4 | 4 | 52.0 | 0.06 | 0.39 | 0.83 | 4.0 | 33 | 0.72 | 27.7 | 1.4 | 1.0 | 3.6 | 1.81 | 4.95 | 0.03 | 65.5 | 0.2 | 0.09 | 113 |
| 128923 | 1.9 | 0.201 | 1.31 | 1.5 | 4 | 40.9 | 0.04 | 0.42 | 0.40 | 3.0 | 12 | 0.30 | 14.2 | 1.1 | 0.9 | 2.8 | 0.84 | 2.17 | 0.02 | 89.0 | 0.1 | 0.06 | 40 |
| 128924 | 1.7 | 0.243 | 1.58 | 1.8 | 3 | 35.7 | 0.09 | 0.22 | 0.56 | 0.9 | 17 | 0.51 | 25.4 | 0.6 | 0.5 | 1.7 | 0.37 | 5.49 | 0.02 | 31.2 | < 0.1 | 0.06 | 24 |
| 128925 | 1.8 | 0.002 | 0.03 | 1.0 | 2 | 2.3 | < 0.02 | < 0.01 | < 0.01 | 0.4 | 4 | 0.03 | 4.4 | < 0.1 | < 0.1 | < 0.1 | 0.32 | 0.11 | < 0.01 | 0.9 | < 0.1 | < 0.01 | 26 |
| 128926 | 1.4 | 0.213 | 1.75 | 2.9 | 3 | 41.6 | 0.10 | 0.25 | 0.58 | 8.6 | 26 | 0.51 | 23.9 | 1.8 | 1.1 | 4.0 | 2.68 | 2.92 | 0.03 | 68.4 | 0.2 | 0.11 | 130 |
| 128927 | 2.1 | 0.074 | 0.62 | 6.8 | 4 | 38.3 | 0.08 | 0.26 | 0.37 | 9.8 | 25 | 0.33 | 9.6 | 1.9 | 1.1 | 3.9 | 4.76 | 1.22 | 0.02 | 73.3 | 0.2 | 0.05 | 50 |
| 128928 | 1.0 | 0.047 | 0.55 | 1.7 | 2 | 21.6 | 0.13 | 0.16 | 0.36 | 2.0 | 12 | 0.35 | 6.1 | 0.6 | 0.3 | 1.3 | 0.64 | 1.83 | 0.02 | 20.7 | < 0.1 | 0.10 | 70 |
| 128929 | 0.8 | 0.112 | 0.38 | 0.9 | 3 | 33.7 | 0.07 | 0.17 | 0.50 | 1.2 | 9 | 0.52 | 6.1 | 0.6 | 0.3 | 1.2 | 0.39 | 1.83 | 0.02 | 16.5 | < 0.1 | 0.06 | 54 |
| 128930 | 1.7 | 0.099 | 0.49 | 1.4 | 3 | 25.4 | 0.07 | 0.27 | 0.23 | 1.5 | 14 | 0.39 | 7.5 | 0.6 | 0.3 | 1.3 | 0.84 | 2.14 | 0.03 | 18.1 | < 0.1 | 0.10 | 71 |
| 128931 | 0.8 | 0.175 | 0.65 | 1.1 | 3 | 28.7 | 0.06 | 0.20 | 0.28 | 1.2 | 8 | 0.30 | 9.2 | 0.5 | 0.4 | 1.3 | 0.32 | 1.55 | 0.01 | 18.6 | < 0.1 | 0.04 | 20 |
| 128932 | 1.4 | 0.156 | 1.17 | 4.1 | 3 | 41.1 | 0.27 | 0.31 | 0.71 | 6.2 | 19 | 0.67 | 11.0 | 0.9 | 0.6 | 2.1 | 1.28 | 2.88 | 0.05 | 26.3 | < 0.1 | 0.16 | 170 |
| 128933 | 20.4 | 0.130 | 0.86 | 9.1 | 4 | 57.2 | 0.15 | 0.74 | 0.48 | 45.9 | 35 | 1.00 | 145 | 0.6 | 0.7 | 1.4 | 1.77 | 3.28 | 0.11 | 22.6 | < 0.1 | 0.56 | 310 |
| 128934 | 1.5 | 0.033 | 0.58 | 1.1 | 2 | 22.8 | 0.06 | 0.20 | 0.21 | 2.8 | 13 | 0.39 | 3.9 | 0.6 | 0.3 | 1.3 | 0.49 | 1.61 | 0.03 | 17.9 | < 0.1 | 0.12 | 112 |
| 128935 | 1.7 | 0.016 | 0.63 | 1.1 | 3 | 75.6 | 0.06 | 0.34 | 0.05 | 5.3 | 26 | 0.63 | 5.4 | 0.8 | 0.3 | 1.7 | 0.96 | 2.40 | 0.09 | 17.2 | < 0.1 | 0.26 | 139 |
| 128936 | 0.8 | 0.048 | 0.85 | 1.7 | 2 | 45.4 | 0.07 | 0.15 | 0.07 | 2.2 | 19 | 0.56 | 6.9 | 1.0 | 0.6 | 2.2 | 0.62 | 2.17 | 0.03 | 27.7 | 0.1 | 0.12 | 65 |
| 128937 | 0.6 | 0.020 | 0.25 | 0.8 | 2 | 12.3 | 0.03 | 0.17 | 0.09 | 1.3 | 10 | 0.27 | 1.8 | 0.4 | 0.2 | 0.9 | 0.37 | 1.40 | 0.02 | 10.9 | < 0.1 | 0.10 | 69 |
| 128938 | 0.7 | 0.051 | 0.87 | 1.8 | 3 | 26.7 | 0.09 | 0.18 | 0.37 | 3.5 | 20 | 0.58 | 6.8 | 0.7 | 0.4 | 1.6 | 1.54 | 2.40 | 0.04 | 19.9 | < 0.1 | 0.14 | 162 |
| 128939 | 1.2 | 0.090 | 0.72 | 1.9 | 3 | 42.7 | 0.10 | 0.24 | 0.26 | 2.9 | 19 | 0.71 | 7.9 | 0.7 | 0.4 | 1.6 | 0.90 | 2.99 | 0.05 | 19.8 | < 0.1 | 0.16 | 96 |
| 128940 | 1.3 | 0.041 | 0.79 | 1.6 | 3 | 36.6 | 0.09 | 0.24 | 0.14 | 4.0 | 26 | 0.78 | 6.9 | 0.8 | 0.5 | 1.7 | 1.54 | 2.59 | 0.07 | 21.6 | < 0.1 | 0.23 | 190 |
| 128941 | 1.4 | 0.058 | 0.81 | 1.9 | 3 | 38.7 | 0.10 | 0.25 | 0.17 | 4.3 | 27 | 0.73 | 7.6 | 0.8 | 0.5 | 1.8 | 1.60 | 2.62 | 0.07 | 21.9 | < 0.1 | 0.24 | 193 |
| 128942 | 1.3 | 0.025 | 0.66 | 1.5 | 3 | 29.7 | 0.09 | 0.26 | 0.17 | 3.2 | 24 | 0.71 | 5.1 | 0.7 | 0.4 | 1.6 | 1.02 | 2.66 | 0.07 | 19.2 | < 0.1 | 0.22 | 173 |
| 128943 | 1.6 | 0.021 | 0.48 | 0.8 | 2 | 22.0 | 0.06 | 0.22 | 0.12 | 2.6 | 18 | 0.56 | 3.5 | 0.6 | 0.3 | 1.4 | 0.71 | 1.99 | 0.05 | 15.2 | < 0.1 | 0.18 | 110 |
| 128944 | 0.8 | 0.020 | 0.47 | 1.0 | 2 | 21.9 | 0.06 | 0.25 | 0.07 | 2.6 | 19 | 0.55 | 3.2 | 0.6 | 0.3 | 1.3 | 0.73 | 1.99 | 0.05 | 14.8 | < 0.1 | 0.19 | 128 |
| 128945 | 1.8 | 0.028 | 0.70 | 1.6 | 3 | 38.1 | 0.09 | 0.29 | 0.13 | 3.9 | 28 | 0.77 | 5.1 | 0.8 | 0.4 | 1.9 | 1.36 | 2.77 | 0.08 | 19.8 | < 0.1 | 0.27 | 236 |
| 128946 | 1.3 | 0.033 | 0.65 | 1.1 | 2 | 35.3 | 0.06 | 0.24 | 0.20 | 3.0 | 17 | 0.38 | 5.2 | 0.7 | 0.5 | 1.7 | 0.65 | 1.84 | 0.03 | 19.8 | < 0.1 | 0.12 | 107 |
| 128947 | 1.0 | 0.151 | 1.01 | 5.0 | 3 | 39.1 | 0.28 | 0.25 | 0.33 | 4.9 | 31 | 0.70 | 10.4 | 1.0 | 0.5 | 2.3 | 3.63 | 3.38 | 0.05 | 31.3 | 0.1 | 0.18 | 158 |
| 128948 | 0.9 | 0.217 | 0.36 | 0.8 | 3 | 49.6 | 0.05 | 0.43 | 0.24 | 0.8 | 10 | 0.52 | 9.1 | 0.5 | 0.3 | 1.2 | 0.26 | 0.82 | 0.02 | 17.2 | < 0.1 | 0.05 | 31 |
| 128949 | 12.3 | 0.056 | 0.62 | 11.0 | 3 | 27.9 | 0.15 | 0.13 | 0.09 | 30.1 | 34 | 0.47 | 18.0 | 1.3 | 0.6 | 3.1 | 5.61 | 1.84 | 0.04 | 38.3 | 0.2 | 0.13 | 628 |
| 128950 | 4.1 | 0.052 | 0.37 | 1.3 | 2 | 12.6 | 0.08 | 0.29 | 0.01 | 2.9 | 126 | 0.25 | 20.4 | 0.4 | 0.2 | 0.9 | 1.03 | 2.04 | 0.05 | 9.3 | < 0.1 | 0.14 | 148 |
| 128951 | 2.6 | 0.077 | 0.68 | 3.7 | 3 | 41.6 | 0.09 | 0.24 | 0.25 | 3.7 | 22 | 0.29 | 8.3 | 1.3 | 0.7 | 2.8 | 0.87 | 1.23 | 0.02 | 34.0 | 0.2 | 0.04 | 35 |
| 128952 | 1.8 | 0.130 | 1.24 | 6.4 | 3 | 35.2 | 0.26 | 0.20 | 0.53 | 9.1 | 24 | 0.58 | 12.4 | 1.1 | 0.6 | 2.7 | 1.87 | 3.23 | 0.03 | 30.7 | 0.1 | 0.10 | 255 |
| 128953 | 1.5 | 0.201 | 1.80 | 11.4 | 4 | 57.0 | 0.21 | 0.26 | 0.73 | 21.2 | 32 | 0.69 | 16.3 | 1.7 | 0.8 | 3.9 | 4.20 | 4.09 | 0.03 | 43.4 | 0.2 | 0.11 | 1080 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128954 | 2.3 | 0.177 | 1.10 | 1.7 | 3 | 47.3 | 0.12 | 0.19 | 0.29 | 1.9 | 30 | 0.76 | 11.2 | 0.8 | 0.5 | 2.0 | 0.48 | 2.45 | 0.02 | 25.4 | < 0.1 | 0.08 | 38 |
| 128955 | 1.8 | 0.074 | 1.04 | 4.2 | 3 | 59.0 | 0.12 | 0.12 | 0.26 | 4.7 | 14 | 0.50 | 5.2 | 1.2 | 0.5 | 2.7 | 7.53 | 1.82 | 0.02 | 34.1 | 0.1 | 0.05 | 181 |
| 128956 | 2.0 | 0.043 | 1.27 | 9.7 | 3 | 109 | 0.12 | 0.17 | 0.60 | 26.0 | 33 | 1.49 | 7.2 | 1.7 | 0.7 | 3.9 | 2.74 | 2.28 | 0.03 | 45.0 | 0.2 | 0.09 | 2940 |
| 128957 | 2.1 | 0.243 | 1.66 | 2.9 | 3 | 39.3 | 0.16 | 0.26 | 0.55 | 4.5 | 19 | 0.59 | 11.8 | 1.3 | 0.6 | 3.4 | 1.37 | 3.39 | 0.03 | 40.9 | 0.1 | 0.08 | 133 |
| 128958 | 1.4 | 0.064 | 0.36 | 1.0 | 2 | 30.1 | 0.04 | 0.12 | 0.16 | 0.9 | 7 | 0.38 | 3.9 | 0.4 | 0.2 | 1.0 | 0.22 | 1.24 | 0.01 | 15.7 | < 0.1 | 0.04 | 27 |
| 128959 | 1.1 | 0.053 | 0.35 | 0.8 | 2 | 27.7 | 0.04 | 0.12 | 0.16 | 0.7 | 6 | 0.38 | 3.7 | 0.3 | 0.2 | 1.1 | 0.19 | 1.31 | 0.01 | 16.1 | < 0.1 | 0.04 | 24 |
| 128960 | 1.5 | 0.137 | 0.42 | 1.7 | 3 | 66.5 | 0.05 | 0.20 | 0.30 | 1.2 | 6 | 0.42 | 8.5 | 1.6 | 0.6 | 5.0 | 0.13 | 0.95 | 0.01 | 99.8 | 0.1 | 0.02 | 18 |
| 128961 | 2.1 | 0.213 | 1.24 | 3.7 | 4 | 42.7 | 0.13 | 0.23 | 0.36 | 2.5 | 16 | 0.52 | 12.7 | 1.6 | 0.7 | 4.1 | 0.54 | 1.88 | 0.02 | 61.4 | 0.1 | 0.05 | 45 |
| 128962 | 0.9 | 0.115 | 0.43 | 3.5 | 3 | 34.9 | 0.05 | 0.38 | 0.35 | 3.0 | 11 | 0.40 | 10.3 | 1.4 | 0.5 | 3.4 | 0.24 | 1.02 | 0.01 | 44.2 | 0.1 | 0.05 | 31 |
| 128963 | 2.4 | 0.121 | 0.58 | 2.8 | 4 | 32.4 | 0.13 | 0.12 | 0.18 | 1.2 | 8 | 0.46 | 6.8 | 0.7 | 0.4 | 2.1 | 0.69 | 1.71 | 0.02 | 24.3 | < 0.1 | 0.03 | 25 |
| 128964 | 2.1 | 0.221 | 0.43 | 1.4 | 3 | 60.9 | 0.04 | 0.39 | 0.22 | 0.9 | 9 | 0.38 | 8.0 | 0.5 | 0.2 | 1.3 | 0.23 | 1.46 | 0.02 | 16.2 | < 0.1 | 0.05 | 34 |
| 128965 | 1.5 | 0.037 | 0.33 | 1.8 | 2 | 25.6 | 0.09 | 0.18 | 0.24 | 1.4 | 14 | 0.35 | 4.5 | 0.5 | 0.2 | 1.2 | 0.31 | 1.20 | 0.02 | 17.0 | < 0.1 | 0.08 | 60 |
| 128966 | 2.1 | 0.106 | 0.25 | 2.7 | 3 | 47.2 | 0.03 | 0.23 | 0.24 | 1.2 | 8 | 0.24 | 8.5 | 0.5 | 0.2 | 1.0 | 0.07 | 0.39 | 0.01 | 9.1 | < 0.1 | 0.02 | 15 |
| 128967 | 2.1 | 0.083 | 0.48 | 1.9 | 2 | 34.8 | 0.08 | 0.25 | 0.28 | 1.6 | 15 | 0.35 | 6.5 | 0.5 | 0.2 | 1.2 | 0.31 | 1.79 | 0.02 | 16.3 | < 0.1 | 0.07 | 48 |
| 128968 | 2.4 | 0.587 | 1.53 | 3.2 | 3 | 73.0 | 0.09 | 0.28 | 0.47 | 1.9 | 16 | 0.53 | 17.7 | 1.1 | 0.6 | 2.7 | 1.27 | 7.69 | 0.02 | 38.1 | 0.1 | 0.04 | 49 |
| 128969 | 2.3 | 0.140 | 0.35 | 0.8 | 2 | 26.5 | 0.04 | 0.14 | 0.20 | 0.5 | 6 | 0.37 | 6.0 | 0.2 | 0.1 | 0.6 | 0.13 | 1.44 | 0.01 | 8.6 | < 0.1 | 0.03 | 18 |
| 128970 | 1.9 | 0.247 | 2.39 | 4.0 | 3 | 36.6 | 0.14 | 0.22 | 0.76 | 12.6 | 25 | 0.71 | 15.4 | 1.9 | 0.8 | 4.6 | 3.76 | 4.71 | 0.03 | 57.2 | 0.2 | 0.07 | 482 |
| 128971 | 2.3 | 0.097 | 0.76 | 1.8 | 3 | 70.2 | 0.04 | 0.30 | 0.36 | 2.2 | 13 | 0.43 | 9.7 | 0.8 | 0.4 | 1.9 | 0.36 | 1.57 | 0.01 | 24.1 | < 0.1 | 0.04 | 30 |
| 128972 | 1.3 | 0.112 | 0.21 | 1.0 | 2 | 29.0 | 0.05 | 0.21 | 0.18 | 0.4 | 8 | 0.40 | 8.2 | 0.2 | 0.1 | 0.5 | 0.12 | 0.55 | 0.01 | 6.8 | < 0.1 | 0.03 | 12 |
| 128973 | 1.2 | 0.035 | 0.31 | 1.1 | 1 | 17.6 | 0.06 | 0.16 | 0.18 | 1.1 | 14 | 0.46 | 3.5 | 0.5 | 0.2 | 1.3 | 0.24 | 1.49 | 0.02 | 19.0 | < 0.1 | 0.07 | 45 |
| 128974 | 1.7 | 0.051 | 0.69 | 1.6 | 3 | 14.3 | < 0.02 | 0.04 | 0.01 | 0.2 | 9 | 0.23 | 14.7 | 1.2 | 1.3 | 4.9 | 0.04 | 0.17 | < 0.01 | 70.1 | < 0.1 | 0.01 | 8 |
| 128975 | 2.3 | 0.247 | 2.47 | 21.2 | 5 | 102 | 5.03 | 0.19 | 0.30 | 12.7 | 35 | 7.16 | 144 | 1.3 | 0.9 | 3.4 | 3.21 | 7.89 | 0.34 | 34.8 | 0.1 | 0.66 | 615 |
| 128976 | 1.1 | 0.028 | 0.33 | 0.8 | 2 | 10.4 | 0.06 | 0.10 | 0.08 | 1.3 | 13 | 0.39 | 3.2 | 0.4 | 0.2 | 1.1 | 0.31 | 1.17 | 0.02 | 16.8 | < 0.1 | 0.08 | 52 |
| 128977 | 1.2 | 0.025 | 0.23 | 0.9 | 2 | 24.8 | 0.05 | 0.14 | 0.13 | 1.4 | 15 | 0.30 | 2.7 | 0.3 | 0.2 | 0.7 | 0.29 | 1.17 | 0.02 | 12.3 | < 0.1 | 0.08 | 40 |
| 128978 | 1.0 | 0.024 | 0.22 | 0.9 | 2 | 22.5 | 0.03 | 0.13 | 0.16 | 1.2 | 14 | 0.26 | 2.5 | 0.4 | 0.2 | 0.9 | 0.25 | 1.07 | 0.02 | 15.7 | < 0.1 | 0.07 | 36 |
| 128979 | 1.0 | 0.074 | 0.77 | 3.5 | 2 | 29.9 | 0.11 | 0.20 | 0.24 | 3.5 | 25 | 0.59 | 7.1 | 0.8 | 0.4 | 1.6 | 2.48 | 2.28 | 0.04 | 25.3 | < 0.1 | 0.15 | 113 |
| 128980 | 1.4 | 0.138 | 1.25 | 1.9 | 3 | 45.2 | 0.05 | 0.35 | 0.47 | 3.2 | 14 | 0.28 | 13.3 | 0.8 | 0.5 | 1.6 | 0.50 | 2.25 | 0.01 | 20.7 | < 0.1 | 0.04 | 51 |
| 128981 | 1.6 | 0.080 | 0.36 | 1.2 | 3 | 38.6 | 0.04 | 0.30 | 0.23 | 1.2 | 12 | 0.44 | 7.7 | 0.3 | 0.2 | 0.7 | 0.24 | 1.31 | 0.03 | 11.3 | < 0.1 | 0.09 | 45 |
| 128982 | 1.1 | 0.083 | 0.39 | 1.2 | 2 | 32.9 | 0.02 | 0.27 | 0.20 | 1.2 | 14 | 0.48 | 5.1 | 0.5 | 0.3 | 1.1 | 1.07 | 1.45 | 0.03 | 13.2 | < 0.1 | 0.10 | 70 |
| 128983 | 0.8 | < 0.002 | 0.03 | 0.9 | 1 | 2.8 | < 0.02 | < 0.01 | < 0.01 | 0.4 | 4 | 0.03 | 4.4 | < 0.1 | < 0.1 | < 0.1 | 0.32 | 0.11 | < 0.01 | 0.9 | < 0.1 | < 0.01 | 27 |
| 128984 | 1.0 | 0.011 | 0.31 | 1.4 | 2 | 17.0 | 0.05 | 0.15 | 0.09 | 1.9 | 12 | 0.30 | 2.3 | 0.5 | 0.3 | 1.0 | 0.69 | 1.17 | 0.02 | 13.0 | < 0.1 | 0.09 | 108 |
| 128985 | 1.2 | 0.122 | 0.66 | 2.1 | 3 | 40.6 | 0.04 | 0.29 | 0.40 | 4.2 | 13 | 0.28 | 9.3 | 0.8 | 0.6 | 1.6 | 0.82 | 1.38 | 0.02 | 26.3 | < 0.1 | 0.05 | 64 |
| 128986 | 1.5 | 0.028 | 0.45 | 2.3 | 2 | 18.6 | 0.15 | 0.13 | 0.19 | 4.5 | 13 | 0.37 | 3.4 | 0.5 | 0.3 | 1.0 | 1.57 | 1.36 | 0.02 | 15.5 | < 0.1 | 0.09 | 353 |
| 128987 | 0.7 | 0.017 | 0.46 | 1.5 | 3 | 22.0 | 0.06 | 0.21 | 0.32 | 1.7 | 11 | 0.34 | 3.0 | 0.4 | 0.2 | 0.9 | 0.81 | 1.38 | 0.02 | 14.4 | < 0.1 | 0.09 | 80 |
| 128988 | 2.5 | 0.039 | 0.79 | 1.4 | 3 | 31.4 | 0.07 | 0.25 | 0.14 | 3.3 | 22 | 0.66 | 5.0 | 0.7 | 0.4 | 1.5 | 0.95 | 2.56 | 0.05 | 20.1 | < 0.1 | 0.19 | 141 |
| 128989 | 1.3 | 0.128 | 0.44 | 0.8 | 2 | 22.1 | 0.04 | 0.18 | 0.19 | 0.5 | 8 | 0.32 | 11.0 | 0.3 | 0.2 | 0.7 | 0.10 | 1.89 | 0.01 | 11.1 | < 0.1 | 0.03 | 15 |
| 128990 | 1.3 | 0.196 | 0.93 | 1.5 | 4 | 50.5 | 0.13 | 0.33 | 0.46 | 1.5 | 12 | 0.36 | 15.4 | 0.7 | 0.6 | 1.5 | 0.34 | 2.41 | 0.02 | 26.0 | < 0.1 | 0.05 | 24 |
| 128991 | 1.2 | 0.086 | 0.46 | 1.7 | 2 | 24.5 | 0.10 | 0.25 | 0.20 | 2.2 | 13 | 0.34 | 5.8 | 0.6 | 0.4 | 1.2 | 0.56 | 1.79 | 0.02 | 18.0 | < 0.1 | 0.08 | 56 |
| 128992 | 1.8 | 0.073 | 0.82 | 2.5 | 3 | 29.6 | 0.06 | 0.20 | 0.16 | 3.6 | 14 | 0.25 | 11.7 | 1.5 | 1.1 | 3.6 | 0.75 | 1.10 | < 0.01 | 85.8 | 0.2 | 0.03 | 21 |
| 128993 | 1.5 | 0.062 | 0.63 | 1.6 | 2 | 23.7 | 0.11 | 0.19 | 0.33 | 3.3 | 12 | 0.27 | 5.6 | 0.6 | 0.4 | 1.3 | 0.69 | 1.58 | 0.02 | 19.5 | < 0.1 | 0.08 | 106 |
| 128994 | 1.3 | 0.135 | 0.47 | 1.6 | 2 | 32.5 | 0.16 | 0.26 | 0.33 | 1.7 | 13 | 0.36 | 11.5 | 0.8 | 0.6 | 1.8 | 0.35 | 1.58 | 0.02 | 34.1 | < 0.1 | 0.07 | 41 |
| 128995 | 1.3 | 0.094 | 0.93 | 2.5 | 2 | 32.2 | 0.13 | 0.20 | 0.39 | 8.2 | 22 | 0.51 | 9.4 | 1.0 | 0.6 | 2.0 | 2.61 | 2.58 | 0.04 | 32.8 | 0.1 | 0.13 | 298 |
| 128996 | 1.8 | 0.133 | 0.36 | 0.9 | 3 | 26.7 | 0.04 | 0.18 | 0.16 | 0.6 | 6 | 0.31 | 8.0 | 0.3 | 0.2 | 0.6 | 0.14 | 1.64 | 0.01 | 10.8 | < 0.1 | 0.03 | 15 |
| 128997 | 0.5 | 0.129 | 0.81 | 1.4 | 2 | 39.6 | 0.08 | 0.26 | 0.26 | 0.9 | 11 | 0.34 | 17.7 | 0.4 | 0.4 | 1.1 | 0.22 | 1.89 | 0.01 | 24.6 | < 0.1 | 0.04 | 20 |
| 128998 | 1.8 | 0.134 | 0.80 | 1.3 | 3 | 35.7 | 0.08 | 0.30 | 0.27 | 1.2 | 9 | 0.42 | 9.8 | 0.5 | 0.6 | 1.2 | 0.21 | 2.59 | 0.01 | 27.5 | < 0.1 | 0.04 | 20 |
| 128999 | 1.7 | 0.143 | 0.94 | 1.2 | 2 | 32.0 | 0.05 | 0.28 | 0.23 | 1.4 | 11 | 0.36 | 11.3 | 0.6 | 0.6 | 1.5 | 0.20 | 2.56 | 0.01 | 32.1 | < 0.1 | 0.04 | 20 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128800 | 11.8 | 0.027 | 29.4 | 0.061 | 21.8 | 0.034 | 0.55 | 4.5 | 0.9 | 15.3 | < 0.02 | 11.8 | 0.154 | 0.34 | 0.2 | 3.2 | 1.3 | 41 | 103 | 1.2 | 80.0 | 0.3 | 0.1 |
| 128801 | 19.1 | 0.027 | 23.4 | 0.162 | 9.8 | 0.216 | 0.37 | 3.9 | 4.8 | 23.2 | < 0.02 | 10.5 | 0.091 | 0.46 | 0.4 | 11.9 | 3.2 | 49 | 85.1 | 0.7 | 312 | 0.8 | < 0.1 |
| 128802 | 5.54 | 0.020 | 10.9 | 0.107 | 5.1 | 0.152 | 0.16 | 1.5 | 2.8 | 17.0 | 0.06 | 1.9 | 0.065 | 0.15 | 0.1 | 3.0 | 0.4 | 34 | 54.0 | 0.6 | 70.4 | 0.3 | < 0.1 |
| 128803 | 1.03 | 0.013 | 4.3 | 0.025 | 3.3 | 0.165 | 0.20 | 0.3 | 0.5 | 12.2 | < 0.02 | 0.3 | 0.010 | < 0.02 | < 0.1 | 0.4 | 0.1 | 6 | 7.7 | < 0.1 | 11.3 | < 0.1 | < 0.1 |
| 128804 | 2.96 | 0.015 | 8.7 | 0.090 | 15.2 | 0.173 | 0.23 | 1.0 | 1.8 | 15.4 | < 0.02 | 1.1 | 0.043 | 0.15 | 0.1 | 3.3 | 0.3 | 25 | 56.6 | 0.5 | 67.7 | 0.2 | < 0.1 |
| 128805 | 2.56 | 0.016 | 8.5 | 0.103 | 16.2 | 0.276 | 0.32 | 0.7 | 3.0 | 18.2 | < 0.02 | 0.5 | 0.038 | 0.10 | 0.1 | 3.6 | 0.4 | 23 | 50.9 | 0.5 | 67.8 | 0.3 | < 0.1 |
| 128806 | 4.46 | 0.018 | 10.9 | 0.154 | 12.8 | 0.218 | 0.16 | 1.4 | 2.8 | 21.5 | 0.05 | 1.3 | 0.052 | 0.23 | 0.2 | 4.9 | 0.7 | 39 | 71.1 | 0.7 | 94.0 | 0.4 | < 0.1 |
| 128807 | 4.24 | 0.048 | 29.8 | 0.123 | 8.4 | 0.196 | 0.23 | 4.8 | 3.0 | 29.3 | 0.11 | 12.0 | 0.157 | 0.89 | 0.3 | 8.1 | 0.8 | 52 | 91.5 | 0.7 | 153 | 0.5 | < 0.1 |
| 128808 | 0.51 | 0.013 | 10.9 | 0.114 | 4.3 | 0.191 | 0.11 | 0.4 | 1.2 | 27.2 | < 0.02 | 0.8 | 0.025 | 0.08 | 0.1 | 1.7 | < 0.1 | 21 | 24.7 | 0.3 | 71.7 | 0.2 | < 0.1 |
| 128809 | 0.74 | 0.013 | 6.4 | 0.151 | 4.9 | 0.166 | 0.14 | 0.2 | < 0.1 | 20.4 | < 0.02 | 0.2 | 0.028 | 0.05 | < 0.1 | 1.4 | 0.2 | 22 | 14.8 | 0.3 | 41.0 | 0.2 | < 0.1 |
| 128810 | 0.97 | 0.014 | 6.9 | 0.116 | 6.2 | 0.172 | 0.12 | 0.4 | 1.9 | 24.2 | < 0.02 | 0.2 | 0.036 | 0.06 | < 0.1 | 2.3 | 0.4 | 20 | 18.8 | 0.2 | 42.5 | 0.1 | < 0.1 |
| 128811 | 1.06 | 0.021 | 8.1 | 0.041 | 6.4 | 0.089 | 0.11 | 1.3 | 2.1 | 21.5 | < 0.02 | 1.2 | 0.087 | 0.07 | < 0.1 | 2.7 | 0.4 | 17 | 23.7 | 0.2 | 34.5 | 0.1 | < 0.1 |
| 128812 | 1.24 | 0.022 | 10.2 | 0.048 | 8.4 | 0.087 | 0.13 | 1.8 | 1.8 | 22.3 | < 0.02 | 1.4 | 0.093 | 0.09 | < 0.1 | 2.2 | 0.6 | 19 | 33.1 | 0.2 | 39.7 | 0.1 | < 0.1 |
| 128813 | 1.94 | 0.037 | 12.9 | 0.095 | 16.0 | 0.308 | 0.06 | 2.4 | 2.2 | 59.9 | < 0.02 | 4.9 | 0.102 | 0.17 | 0.1 | 4.9 | 0.7 | 38 | 45.3 | 0.4 | 131 | 0.5 | < 0.1 |
| 128814 | 1.28 | 0.027 | 10.4 | 0.032 | 7.7 | 0.039 | 0.13 | 2.3 | 2.1 | 25.6 | < 0.02 | 3.3 | 0.103 | 0.10 | 0.1 | 1.9 | 0.3 | 23 | 28.9 | 0.2 | 59.4 | 0.2 | < 0.1 |
| 128815 | 0.67 | 0.026 | 9.4 | 0.039 | 10.5 | 0.092 | 0.14 | 1.7 | 1.6 | 22.2 | < 0.02 | 2.0 | 0.089 | 0.08 | < 0.1 | 1.3 | 0.2 | 18 | 23.5 | 0.2 | 44.3 | 0.2 | < 0.1 |
| 128816 | 1.79 | 0.017 | 9.7 | 0.109 | 18.1 | 0.221 | 0.11 | 0.9 | 1.5 | 26.2 | 0.06 | 0.7 | 0.038 | 0.09 | 0.2 | 3.1 | 0.6 | 25 | 47.2 | 0.5 | 79.8 | 0.4 | < 0.1 |
| 128817 | 2.00 | 0.019 | 8.5 | 0.116 | 10.1 | 0.189 | 0.11 | 0.8 | 1.9 | 30.5 | < 0.02 | 0.5 | 0.035 | 0.07 | 0.1 | 1.7 | 0.6 | 25 | 30.8 | 0.4 | 71.0 | 0.3 | < 0.1 |
| 128818 | 0.60 | 0.016 | 3.9 | 0.037 | 5.2 | 0.168 | 0.18 | 0.2 | 0.7 | 21.1 | < 0.02 | < 0.1 | 0.013 | 0.02 | < 0.1 | 0.6 | < 0.1 | 4 | 15.2 | 0.1 | 20.3 | 0.1 | < 0.1 |
| 128819 | 0.53 | 0.016 | 3.8 | 0.038 | 5.3 | 0.168 | 0.13 | 0.2 | 1.4 | 22.1 | < 0.02 | < 0.1 | 0.013 | < 0.02 | < 0.1 | 0.6 | < 0.1 | 5 | 13.8 | 0.1 | 20.8 | < 0.1 | < 0.1 |
| 128820 | 4.77 | 0.017 | 21.8 | 0.027 | 9.1 | 0.338 | 0.16 | 2.5 | 5.9 | 25.4 | < 0.02 | 3.6 | 0.052 | 0.34 | 0.3 | 8.5 | 0.6 | 32 | 104 | 0.7 | 199 | 0.8 | < 0.1 |
| 128821 | 1.74 | 0.016 | 9.3 | 0.072 | 3.5 | 0.203 | 0.14 | 0.5 | 2.8 | 19.8 | < 0.02 | 0.5 | 0.022 | 0.04 | 0.1 | 3.0 | 0.2 | 17 | 28.1 | 0.6 | 65.1 | 0.2 | < 0.1 |
| 128822 | 1.74 | 0.013 | 8.5 | 0.032 | 4.1 | 0.225 | 0.10 | 0.3 | 2.4 | 22.3 | < 0.02 | 0.2 | 0.016 | 0.04 | < 0.1 | 1.7 | 0.4 | 13 | 33.4 | 0.2 | 54.0 | 0.2 | < 0.1 |
| 128823 | 2.42 | 0.012 | 6.1 | 0.028 | 5.0 | 0.097 | 0.09 | 0.9 | 1.6 | 10.9 | < 0.02 | 1.5 | 0.037 | 0.24 | < 0.1 | 2.0 | 0.2 | 18 | 39.9 | 0.3 | 45.8 | 0.2 | < 0.1 |
| 128824 | 3.61 | 0.016 | 8.8 | 0.084 | 10.3 | 0.465 | 0.09 | 0.8 | 2.8 | 26.9 | < 0.02 | 0.9 | 0.036 | 0.13 | 0.1 | 6.1 | 0.4 | 35 | 42.8 | 0.5 | 74.3 | 0.3 | < 0.1 |
| 128825 | 0.54 | 0.005 | 2.4 | 0.001 | 0.4 | 0.002 | 0.12 | 0.1 | 0.5 | < 0.5 | < 0.02 | 0.5 | 0.014 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | 2 | 0.9 | < 0.1 | 1.93 | < 0.1 | < 0.1 |
| 128826 | 2.05 | 0.013 | 8.3 | 0.058 | 5.6 | 0.271 | 0.08 | 0.2 | 1.6 | 22.4 | 0.06 | 0.2 | 0.012 | 0.12 | 0.1 | 11.5 | 0.6 | 28 | 31.0 | 0.4 | 69.8 | 0.4 | < 0.1 |
| 128827 | 3.00 | 0.012 | 7.3 | 0.049 | 6.7 | 0.052 | 0.13 | 1.0 | 2.3 | 15.1 | < 0.02 | 3.4 | 0.053 | 0.12 | 0.1 | 13.0 | 1.7 | 22 | 29.5 | 0.3 | 59.8 | 0.2 | < 0.1 |
| 128829 | 2.70 | 0.044 | 11.0 | 0.053 | 5.6 | 0.976 | 0.07 | 2.7 | 1.9 | 43.9 | < 0.02 | 4.4 | 0.106 | 0.12 | 0.1 | 20.6 | 0.5 | 23 | 29.7 | 0.3 | 53.4 | 0.2 | 0.1 |
| 128830 | 3.12 | 0.019 | 11.5 | 0.085 | 10.3 | 0.248 | 0.11 | 1.5 | 2.8 | 19.3 | < 0.02 | 1.6 | 0.056 | 0.16 | 0.2 | 4.1 | 0.4 | 29 | 60.1 | 0.6 | 79.0 | 0.3 | < 0.1 |
| 128831 | 3.43 | 0.018 | 11.5 | 0.099 | 7.0 | 0.212 | 0.12 | 1.5 | 2.8 | 21.4 | < 0.02 | 1.1 | 0.056 | 0.11 | 0.2 | 4.2 | 1.3 | 30 | 58.4 | 0.6 | 92.7 | 0.4 | < 0.1 |
| 128832 | 0.91 | 0.018 | 6.2 | 0.042 | 5.4 | 0.060 | 0.08 | 1.8 | 1.6 | 17.9 | < 0.02 | 4.6 | 0.076 | 0.08 | < 0.1 | 2.4 | 0.2 | 16 | 15.0 | 0.1 | 42.8 | < 0.1 | 0.1 |
| 128833 | 10.7 | 0.027 | 28.9 | 0.060 | 21.8 | 0.034 | 0.42 | 4.5 | 1.8 | 15.9 | < 0.02 | 11.3 | 0.162 | 0.34 | 0.2 | 3.1 | 1.3 | 42 | 103 | 1.5 | 82.0 | 0.2 | < 0.1 |
| 128834 | 2.40 | 0.015 | 10.6 | 0.105 | 12.0 | 0.383 | 0.12 | 1.1 | 2.9 | 21.5 | 0.05 | 1.4 | 0.049 | 0.19 | 0.2 | 6.8 | 0.4 | 38 | 55.7 | 0.6 | 115 | 0.5 | < 0.1 |
| 128835 | 1.96 | 0.013 | 6.0 | 0.068 | 4.2 | 0.263 | 0.11 | 0.1 | 2.0 | 17.8 | 0.06 | < 0.1 | 0.009 | 0.07 | < 0.1 | 1.7 | 0.4 | 22 | 38.3 | 0.2 | 30.6 | 0.2 | < 0.1 |
| 128836 | 0.86 | 0.014 | 7.4 | 0.039 | 3.1 | 0.216 | 0.07 | < 0.1 | 0.3 | 24.1 | < 0.02 | < 0.1 | 0.008 | 0.02 | < 0.1 | 2.8 | 0.5 | 9 | 15.9 | 0.1 | 26.5 | 0.1 | < 0.1 |
| 128837 | 0.92 | 0.027 | 8.1 | 0.062 | 4.5 | 0.057 | 0.09 | 1.9 | 0.9 | 23.3 | < 0.02 | 1.9 | 0.101 | 0.06 | < 0.1 | 1.4 | 0.4 | 21 | 20.6 | 0.2 | 42.6 | 0.2 | < 0.1 |
| 128838 | 1.17 | 0.028 | 10.6 | 0.062 | 13.8 | 0.080 | 0.17 | 2.3 | 2.0 | 20.7 | < 0.02 | 2.8 | 0.107 | 0.12 | 0.1 | 1.9 | 0.4 | 27 | 33.1 | 0.3 | 49.1 | 0.2 | < 0.1 |
| 128839 | 0.83 | 0.024 | 9.5 | 0.052 | 5.9 | 0.034 | 0.12 | 2.3 | 1.1 | 20.3 | 0.06 | 3.0 | 0.102 | 0.12 | 0.1 | 1.6 | 0.3 | 22 | 29.4 | 0.2 | 46.0 | 0.2 | < 0.1 |
| 128840 | 0.76 | 0.024 | 8.6 | 0.041 | 6.4 | 0.046 | 0.09 | 2.0 | 2.3 | 21.1 | 0.11 | 2.7 | 0.106 | 0.07 | < 0.1 | 1.5 | 0.3 | 20 | 24.8 | 0.2 | 40.9 | 0.1 | < 0.1 |
| 128841 | 0.91 | 0.022 | 7.4 | 0.040 | 5.3 | 0.039 | < 0.02 | 1.8 | 1.1 | 19.1 | < 0.02 | 2.5 | 0.091 | 0.09 | < 0.1 | 1.8 | 0.3 | 19 | 22.4 | 0.2 | 37.3 | 0.2 | < 0.1 |
| 128842 | 1.70 | 0.012 | 6.8 | 0.047 | 4.8 | 0.188 | 0.05 | 0.1 | 0.9 | 27.4 | < 0.02 | 0.4 | 0.013 | 0.04 | 0.1 | 4.9 | 0.4 | 25 | 40.3 | 0.2 | 53.8 | 0.3 | < 0.1 |
| 128843 | 1.17 | 0.011 | 7.6 | 0.119 | 3.4 | 0.212 | < 0.02 | 0.2 | 1.7 | 16.6 | 0.06 | 0.2 | 0.014 | 0.06 | 0.1 | 2.9 | 0.1 | 22 | 65.4 | 0.4 | 48.8 | 0.3 | < 0.1 |
| 128844 | 0.50 | 0.014 | 7.9 | 0.032 | 8.3 | 0.229 | 0.05 | 0.2 | < 0.1 | 37.9 | < 0.02 | 0.1 | 0.006 | < 0.02 | < 0.1 | 1.6 | 0.2 | 5 | 13.5 | < 0.1 | 10.9 | < 0.1 | < 0.1 |
| 128845 | 0.14 | 0.013 | 8.7 | 0.039 | 8.7 | 0.216 | 0.05 | 0.3 | 1.0 | 16.9 | 0.05 | 0.1 | 0.005 | 0.03 | < 0.1 | 1.4 | < 0.1 | 8 | 19.5 | 0.1 | 28.2 | 0.1 | < 0.1 |
| 128846 | 9.48 | 0.018 | 13.1 | 0.201 | 9.2 | 0.192 | 0.11 | 1.0 | 3.4 | 37.2 | < 0.02 | 1.0 | 0.043 | 0.45 | 0.2 | 26.4 | 2.9 | 57 | 61.1 | 0.7 | 130 | 0.3 | < 0.1 |
| 128847 | 4.30 | 0.016 | 10.1 | 0.188 | 10.2 | 0.204 | 0.06 | 0.7 | 3.4 | 47.1 | < 0.02 | 0.3 | 0.038 | 0.20 | 0.2 | 19.3 | 2.2 | 47 | 35.4 | 0.6 | 83.5 | 0.2 | < 0.1 |
| 128848 | 0.38 | 0.013 | 6.9 | 0.041 | 6.1 | 0.150 | < 0.02 | < 0.1 | 1.5 | 19.1 | < 0.02 | < 0.1 | 0.009 | 0.03 | < 0.1 | 2.6 | < 0.1 | 5 | 9.5 | 0.3 | 34.1 | 0.1 | < 0.1 |
| 128849 | 0.73 | 0.011 | 6.5 | 0.029 | 3.2 | 0.150 | 0.04 | 0.2 | 2.2 | 21.4 | < 0.02 | < 0.1 | 0.016 | 0.02 | < 0.1 | 10.6 | 0.3 | 9 | 14.9 | 0.1 | 34.8 | 0.2 | < 0.1 |
| 128850 | 2.95 | 0.043 | 55.0 | 0.016 | 6.5 | 0.003 | 0.12 | 1.3 | 0.5 | 18.2 | < 0.02 | 8.4 | 0.063 | 0.03 | < 0.1 | 1.6 | 0.3 | 11 | 12.0 | 0.1 | 20.9 | < 0.1 | 0.3 |
| 128851 | 3.24 | 0.012 | 12.4 | 0.120 | 8.0 | 0.250 | 0.07 | 0.8 | 2.6 | 19.3 | 0.05 | 0.9 | 0.037 | 0.21 | 0.2 | 4.0 | 0.3 | 38 | 77.9 | 0.5 | 127 | 0.5 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128852 | 1.70 | 0.035 | 12.7 | 0.088 | 6.7 | 0.089 | 0.08 | 2.7 | 1.1 | 27.8 | < 0.02 | 2.8 | 0.118 | 0.15 | 0.1 | 1.6 | 0.5 | 39 | 36.7 | 0.3 | 54.2 | 0.2 | < 0.1 |
| 128853 | 0.94 | 0.024 | 10.1 | 0.029 | 4.3 | 0.022 | 0.08 | 2.5 | 1.4 | 21.3 | < 0.02 | 3.6 | 0.105 | 0.09 | 0.1 | 1.5 | 0.3 | 23 | 20.7 | 0.2 | 49.1 | 0.2 | < 0.1 |
| 128854 | 0.51 | 0.014 | 5.1 | 0.073 | 4.8 | 0.164 | 0.10 | < 0.1 | 1.2 | 17.0 | < 0.02 | 0.3 | 0.011 | 0.03 | < 0.1 | 1.3 | < 0.1 | 10 | 21.7 | 0.1 | 37.9 | 0.1 | < 0.1 |
| 128855 | 2.67 | 0.036 | 17.6 | 0.105 | 5.8 | 0.095 | 0.11 | 3.0 | 2.6 | 28.2 | < 0.02 | 3.2 | 0.125 | 0.26 | 0.2 | 4.4 | 0.5 | 47 | 59.5 | 0.5 | 88.7 | 0.2 | < 0.1 |
| 128856 | 2.66 | 0.036 | 18.3 | 0.102 | 6.5 | 0.091 | 0.13 | 2.8 | 2.8 | 27.0 | < 0.02 | 3.8 | 0.120 | 0.30 | 0.2 | 4.3 | 0.4 | 45 | 58.4 | 0.5 | 94.9 | 0.3 | < 0.1 |
| 128857 | 1.42 | 0.028 | 11.0 | 0.069 | 5.8 | 0.055 | < 0.02 | 2.3 | 2.2 | 20.7 | < 0.02 | 3.0 | 0.108 | 0.11 | 0.1 | 2.0 | 0.4 | 30 | 31.5 | 0.3 | 54.1 | 0.2 | < 0.1 |
| 128858 | 1.00 | 0.022 | 8.0 | 0.049 | 6.9 | 0.081 | 0.05 | 1.7 | 1.9 | 17.3 | < 0.02 | 2.1 | 0.085 | 0.09 | < 0.1 | 1.5 | 0.3 | 21 | 27.7 | 0.2 | 42.1 | 0.1 | < 0.1 |
| 128859 | 1.11 | 0.014 | 17.0 | 0.053 | 4.5 | 0.116 | 0.03 | 2.0 | 1.6 | 12.0 | < 0.02 | 2.2 | 0.085 | 0.10 | 0.1 | 2.9 | 0.4 | 25 | 95.1 | 0.2 | 56.8 | 0.1 | < 0.1 |
| 128860 | 1.29 | 0.019 | 7.4 | 0.040 | 5.1 | 0.048 | < 0.02 | 1.4 | 1.2 | 14.0 | < 0.02 | 1.7 | 0.076 | 0.05 | < 0.1 | 1.4 | 0.3 | 21 | 28.2 | 0.2 | 39.1 | 0.1 | < 0.1 |
| 128861 | 2.17 | 0.018 | 7.2 | 0.028 | 11.0 | 0.046 | 0.08 | 1.2 | 0.8 | 15.1 | < 0.02 | 1.5 | 0.062 | 0.06 | < 0.1 | 1.1 | 0.3 | 18 | 35.3 | 0.2 | 32.4 | 0.2 | < 0.1 |
| 128862 | 1.13 | 0.013 | 4.7 | 0.029 | 7.6 | 0.178 | 0.20 | 0.2 | 0.7 | 24.5 | < 0.02 | 0.1 | 0.009 | < 0.02 | < 0.1 | 0.7 | 0.2 | 6 | 12.0 | < 0.1 | 20.2 | < 0.1 | < 0.1 |
| 128863 | 0.85 | 0.011 | 5.1 | 0.026 | 12.3 | 0.185 | 0.18 | 0.2 | 0.3 | 18.8 | 0.06 | 0.1 | 0.006 | 0.02 | < 0.1 | 0.5 | 0.1 | 6 | 17.7 | < 0.1 | 15.7 | < 0.1 | < 0.1 |
| 128864 | 1.12 | 0.015 | 4.9 | 0.053 | 7.1 | 0.065 | 0.19 | 1.1 | 2.1 | 11.5 | 0.06 | 1.0 | 0.063 | 0.08 | < 0.1 | 1.1 | 0.3 | 14 | 31.9 | 0.5 | 34.3 | < 0.1 | < 0.1 |
| 128865 | 2.95 | 0.015 | 5.0 | 0.035 | 3.7 | 0.166 | 0.16 | 0.3 | 0.6 | 18.2 | < 0.02 | 0.3 | 0.023 | 0.03 | < 0.1 | 1.3 | 1.5 | 20 | 27.8 | 0.1 | 28.8 | < 0.1 | < 0.1 |
| 128866 | 0.39 | 0.012 | 4.2 | 0.021 | 4.4 | 0.120 | 0.15 | 0.5 | 1.2 | 9.6 | < 0.02 | 0.7 | 0.011 | < 0.02 | < 0.1 | 0.9 | < 0.1 | 16 | 9.4 | < 0.1 | 33.0 | 0.1 | < 0.1 |
| 128867 | 0.36 | 0.012 | 3.7 | 0.021 | 7.6 | 0.125 | 0.14 | 0.6 | 2.1 | 9.2 | < 0.02 | 0.9 | 0.010 | < 0.02 | < 0.1 | 0.9 | < 0.1 | 14 | 9.7 | < 0.1 | 29.8 | < 0.1 | < 0.1 |
| 128868 | 0.70 | 0.014 | 3.4 | 0.041 | 3.8 | 0.050 | 0.11 | 1.2 | 1.0 | 13.7 | < 0.02 | 0.8 | 0.056 | 0.08 | < 0.1 | 0.5 | 0.3 | 14 | 33.2 | < 0.1 | 24.5 | < 0.1 | < 0.1 |
| 128869 | 0.63 | 0.015 | 5.2 | 0.036 | 6.8 | 0.066 | 0.15 | 1.0 | 1.0 | 14.4 | < 0.02 | 0.7 | 0.060 | 0.04 | < 0.1 | 0.5 | 0.3 | 13 | 29.8 | 0.1 | 25.3 | < 0.1 | < 0.1 |
| 128870 | 1.08 | 0.010 | 4.6 | 0.036 | 2.8 | 0.078 | 0.11 | 0.2 | 1.9 | 11.9 | < 0.02 | 0.2 | 0.018 | 0.04 | 0.1 | 2.7 | 0.4 | 14 | 22.0 | 0.2 | 41.5 | 0.2 | < 0.1 |
| 128871 | 0.50 | 0.015 | 4.7 | 0.050 | 8.7 | 0.054 | 0.11 | 0.9 | 1.2 | 15.2 | < 0.02 | 1.2 | 0.056 | 0.05 | < 0.1 | 1.8 | 0.2 | 12 | 20.4 | 0.1 | 32.5 | 0.1 | < 0.1 |
| 128872 | 0.54 | 0.014 | 5.3 | 0.041 | 2.8 | 0.233 | 0.17 | 0.1 | 1.3 | 28.0 | < 0.02 | 0.3 | 0.004 | 0.04 | 0.1 | 1.2 | < 0.1 | 6 | 31.0 | 0.3 | 21.5 | < 0.1 | < 0.1 |
| 128873 | 1.54 | 0.014 | 4.9 | 0.056 | 6.2 | 0.216 | 0.16 | < 0.1 | 0.3 | 19.2 | < 0.02 | 0.1 | 0.007 | 0.03 | < 0.1 | 1.7 | 0.5 | 15 | 24.0 | 0.2 | 20.6 | < 0.1 | < 0.1 |
| 128874 | 1.14 | 0.017 | 5.7 | 0.096 | 7.6 | 0.161 | 0.15 | 0.2 | < 0.1 | 24.5 | < 0.02 | 0.1 | 0.018 | 0.06 | < 0.1 | 2.3 | 1.1 | 25 | 25.3 | 0.2 | 28.4 | < 0.1 | < 0.1 |
| 128875 | 0.64 | 0.006 | 2.3 | 0.001 | 0.4 | 0.002 | 0.14 | 0.1 | < 0.1 | < 0.5 | < 0.02 | 0.5 | 0.014 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | 2 | 2.0 | < 0.1 | 2.03 | < 0.1 | < 0.1 |
| 128876 | 1.40 | 0.014 | 3.6 | 0.042 | 2.5 | 0.253 | 0.13 | < 0.1 | 0.5 | 21.5 | < 0.02 | 0.2 | 0.008 | 0.03 | < 0.1 | 9.7 | 0.7 | 19 | 24.3 | 0.2 | 18.2 | < 0.1 | < 0.1 |
| 128877 | 0.84 | 0.019 | 5.6 | 0.033 | 5.5 | 0.113 | 0.20 | 0.8 | < 0.1 | 16.6 | < 0.02 | 0.4 | 0.047 | 0.04 | < 0.1 | 1.9 | 0.5 | 17 | 19.1 | 0.2 | 25.0 | < 0.1 | < 0.1 |
| 128878 | 0.43 | 0.012 | 3.8 | 0.020 | 2.6 | 0.099 | 0.14 | 0.8 | 1.4 | 9.5 | < 0.02 | 1.9 | 0.038 | < 0.02 | < 0.1 | 2.1 | 0.2 | 7 | 4.3 | 0.3 | 37.0 | < 0.1 | < 0.1 |
| 128879 | 0.91 | 0.012 | 8.9 | 0.035 | 4.4 | 0.184 | 0.19 | 0.2 | 0.3 | 22.6 | 0.05 | 0.5 | 0.010 | 0.04 | < 0.1 | 2.9 | 0.4 | 12 | 47.8 | 0.2 | 41.7 | 0.1 | < 0.1 |
| 128880 | 0.51 | 0.013 | 9.3 | 0.036 | 2.9 | 0.172 | 0.13 | 0.2 | 0.9 | 26.0 | < 0.02 | 0.2 | 0.004 | 0.03 | < 0.1 | 2.9 | 0.2 | 13 | 46.7 | 0.2 | 42.2 | 0.1 | < 0.1 |
| 128881 | 0.93 | 0.014 | 3.9 | 0.031 | 12.5 | 0.143 | 0.22 | 0.6 | 1.0 | 13.1 | 0.05 | 0.4 | 0.038 | 0.08 | < 0.1 | 2.0 | 0.3 | 15 | 20.9 | 0.2 | 29.8 | < 0.1 | < 0.1 |
| 128882 | 1.12 | 0.014 | 6.6 | 0.028 | 2.4 | 0.178 | 0.13 | 0.2 | 1.5 | 29.9 | < 0.02 | 0.2 | 0.007 | < 0.02 | 0.1 | 4.4 | 0.2 | 11 | 25.5 | 0.2 | 31.9 | 0.1 | < 0.1 |
| 128883 | 3.05 | 0.045 | 55.5 | 0.015 | 6.8 | 0.003 | 0.19 | 1.4 | 0.1 | 17.7 | 0.06 | 7.8 | 0.061 | 0.03 | < 0.1 | 1.5 | 0.5 | 11 | 14.3 | 0.2 | 21.7 | < 0.1 | 0.3 |
| 128884 | 1.05 | 0.012 | 4.5 | 0.060 | 3.4 | 0.227 | 0.15 | < 0.1 | 0.5 | 23.4 | < 0.02 | 0.1 | 0.004 | 0.03 | < 0.1 | 2.7 | 0.4 | 5 | 18.5 | 0.2 | 13.9 | < 0.1 | < 0.1 |
| 128885 | 1.10 | 0.017 | 6.4 | 0.042 | 15.0 | 0.137 | 0.18 | 0.8 | 1.1 | 15.4 | < 0.02 | 0.4 | 0.054 | 0.08 | < 0.1 | 2.1 | 0.4 | 17 | 29.3 | 0.1 | 30.7 | < 0.1 | < 0.1 |
| 128886 | 2.49 | 0.019 | 4.6 | 0.050 | 4.0 | 0.352 | 0.15 | 0.1 | 1.1 | 23.2 | 0.06 | 0.2 | 0.007 | 0.05 | < 0.1 | 7.2 | 1.9 | 26 | 27.5 | 0.2 | 24.4 | 0.1 | < 0.1 |
| 128887 | 1.00 | 0.015 | 6.6 | 0.032 | 5.5 | 0.160 | 0.12 | 0.5 | 1.2 | 19.1 | < 0.02 | 0.2 | 0.035 | 0.05 | < 0.1 | 2.9 | 0.6 | 13 | 33.4 | 0.1 | 36.5 | 0.1 | < 0.1 |
| 128888 | 1.34 | 0.016 | 7.2 | 0.029 | 3.1 | 0.200 | 0.08 | 0.5 | 1.9 | 19.8 | < 0.02 | 0.3 | 0.031 | 0.08 | 0.1 | 3.5 | 0.6 | 15 | 31.6 | 0.1 | 42.4 | 0.1 | < 0.1 |
| 128889 | 0.44 | 0.029 | 8.8 | 0.041 | 5.2 | 0.042 | 0.10 | 2.2 | 0.2 | 22.0 | < 0.02 | 2.5 | 0.098 | 0.09 | < 0.1 | 1.1 | 0.4 | 19 | 24.6 | 0.1 | 31.7 | 0.1 | < 0.1 |
| 128890 | 0.80 | 0.014 | 8.4 | 0.038 | 3.7 | 0.179 | 0.08 | 0.2 | 1.0 | 30.0 | < 0.02 | 0.4 | 0.010 | 0.02 | < 0.1 | 1.2 | 0.3 | 12 | 24.7 | 0.2 | 31.9 | < 0.1 | < 0.1 |
| 128891 | 0.54 | 0.014 | 4.6 | 0.025 | 5.7 | 0.140 | 0.12 | 0.2 | 0.2 | 17.4 | < 0.02 | 0.3 | 0.011 | < 0.02 | < 0.1 | 0.6 | 0.2 | 6 | 12.7 | < 0.1 | 15.9 | < 0.1 | < 0.1 |
| 128892 | 1.13 | 0.017 | 5.3 | 0.040 | 5.8 | 0.122 | 0.12 | 0.3 | 0.9 | 19.2 | < 0.02 | 0.2 | 0.032 | 0.03 | < 0.1 | 0.6 | 0.3 | 16 | 32.0 | 0.1 | 24.7 | < 0.1 | < 0.1 |
| 128893 | 1.19 | 0.016 | 7.4 | 0.044 | 6.8 | 0.129 | 0.16 | 1.2 | < 0.1 | 13.9 | < 0.02 | 1.0 | 0.069 | 0.10 | < 0.1 | 1.3 | 0.3 | 16 | 34.9 | 0.2 | 36.7 | 0.1 | < 0.1 |
| 128894 | 0.88 | 0.018 | 5.9 | 0.046 | 7.4 | 0.085 | 0.17 | 1.4 | 1.8 | 12.1 | 0.06 | 1.6 | 0.061 | 0.10 | < 0.1 | 1.1 | 0.2 | 14 | 28.6 | 0.2 | 32.3 | 0.1 | < 0.1 |
| 128895 | 2.64 | 0.022 | 8.3 | 0.041 | 22.3 | 0.078 | 0.19 | 1.4 | 1.5 | 15.7 | 0.06 | 1.3 | 0.063 | 0.07 | 0.1 | 1.6 | 0.5 | 24 | 50.3 | 0.3 | 42.8 | 0.2 | < 0.1 |
| 128896 | 1.70 | 0.021 | 8.2 | 0.054 | 8.5 | 0.110 | 0.16 | 1.3 | 0.9 | 15.8 | < 0.02 | 1.2 | 0.071 | 0.09 | 0.1 | 1.5 | 0.4 | 19 | 45.3 | 0.3 | 44.4 | 0.2 | < 0.1 |
| 128897 | 1.69 | 0.021 | 7.7 | 0.058 | 5.0 | 0.147 | 0.13 | 1.3 | 0.7 | 14.3 | < 0.02 | 1.2 | 0.078 | 0.11 | 0.1 | 1.5 | 0.4 | 18 | 42.9 | 0.3 | 44.2 | 0.1 | < 0.1 |
| 128898 | 0.74 | 0.016 | 5.1 | 0.048 | 3.8 | 0.103 | 0.11 | 1.1 | 1.4 | 10.9 | < 0.02 | 1.4 | 0.060 | 0.12 | < 0.1 | 1.0 | 0.2 | 11 | 23.6 | 0.2 | 30.4 | < 0.1 | < 0.1 |
| 128899 | 0.62 | 0.017 | 5.1 | 0.030 | 5.0 | 0.037 | 0.11 | 1.1 | 0.7 | 10.8 | < 0.02 | 2.0 | 0.069 | 0.07 | < 0.1 | 0.6 | 0.2 | 12 | 24.4 | 0.1 | 23.2 | < 0.1 | < 0.1 |
| 128900 | 0.67 | 0.030 | 29.2 | 0.046 | 16.3 | 0.013 | 0.62 | 3.9 | 0.4 | 27.4 | < 0.02 | 3.1 | 0.118 | 0.08 | < 0.1 | 1.1 | 0.2 | 35 | 38.1 | 0.4 | 32.4 | 0.1 | < 0.1 |
| 128901 | 1.04 | 0.018 | 5.6 | 0.028 | 11.3 | 0.187 | 0.13 | 0.2 | 0.5 | 25.8 | < 0.02 | 0.4 | 0.020 | 0.03 | < 0.1 | 0.8 | 0.2 | 6 | 21.8 | 0.1 | 20.5 | < 0.1 | < 0.1 |
| 128902 | 0.78 | 0.016 | 4.3 | 0.030 | 7.1 | 0.183 | 0.15 | 0.2 | 1.4 | 17.2 | < 0.02 | 0.2 | 0.012 | 0.02 | < 0.1 | 0.8 | 0.2 | 4 | 12.3 | < 0.1 | 14.2 | < 0.1 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128903 | 0.45 | 0.019 | 5.6 | 0.055 | 8.2 | 0.053 | 0.15 | 1.3 | 1.1 | 14.5 | < 0.02 | 1.3 | 0.077 | 0.05 | < 0.1 | 1.1 | 0.2 | 13 | 17.8 | 0.1 | 31.3 | 0.1 | < 0.1 |
| 128904 | 0.98 | 0.023 | 8.3 | 0.057 | 6.2 | 0.040 | 0.10 | 2.1 | 1.5 | 15.9 | < 0.02 | 2.4 | 0.090 | 0.08 | < 0.1 | 1.4 | 0.2 | 20 | 29.8 | 0.3 | 43.7 | 0.2 | < 0.1 |
| 128905 | 0.38 | 0.014 | 9.0 | 0.067 | 8.4 | 0.174 | 0.08 | 0.3 | 2.1 | 17.3 | < 0.02 | 0.6 | 0.020 | 0.04 | 0.1 | 2.2 | < 0.1 | 10 | 32.2 | 0.4 | 67.5 | 0.3 | < 0.1 |
| 128906 | 1.88 | 0.027 | 11.6 | 0.088 | 6.0 | 0.107 | 0.12 | 2.3 | 1.2 | 20.0 | 0.06 | 1.9 | 0.086 | 0.14 | 0.2 | 1.4 | 0.3 | 32 | 48.0 | 0.4 | 63.6 | 0.2 | < 0.1 |
| 128907 | 2.33 | 0.013 | 14.2 | 0.059 | 3.5 | 0.272 | 0.09 | 1.2 | 3.3 | 17.4 | < 0.02 | 1.3 | 0.026 | 0.26 | 0.3 | 3.0 | 0.1 | 25 | 97.9 | 0.7 | 180 | 0.5 | < 0.1 |
| 128908 | 1.57 | 0.012 | 10.0 | 0.140 | 5.9 | 0.333 | 0.11 | 0.9 | 1.9 | 50.0 | < 0.02 | 1.1 | 0.021 | 0.10 | 0.2 | 2.1 | 0.2 | 54 | 31.9 | 0.5 | 171 | 0.5 | < 0.1 |
| 128909 | 3.07 | 0.016 | 9.2 | 0.077 | 7.5 | 0.256 | 0.12 | 1.0 | 1.6 | 15.4 | < 0.02 | 0.8 | 0.059 | 0.19 | 0.1 | 2.6 | 0.5 | 31 | 53.0 | 0.3 | 61.6 | 0.2 | < 0.1 |
| 128910 | 1.05 | 0.014 | 6.7 | 0.026 | 4.1 | 0.223 | 0.08 | 0.3 | 1.6 | 27.7 | < 0.02 | 0.2 | 0.014 | 0.03 | < 0.1 | 1.4 | < 0.1 | 5 | 20.2 | 0.1 | 41.4 | 0.1 | < 0.1 |
| 128911 | 0.92 | 0.015 | 10.9 | 0.076 | 6.4 | 0.223 | 0.11 | 0.5 | 3.2 | 21.3 | < 0.02 | 0.4 | 0.012 | 0.05 | 0.1 | 2.3 | < 0.1 | 11 | 37.8 | 0.4 | 91.5 | 0.3 | < 0.1 |
| 128912 | 1.57 | 0.019 | 7.3 | 0.052 | 6.6 | 0.113 | 0.10 | 0.9 | 0.6 | 16.2 | < 0.02 | 0.5 | 0.063 | 0.07 | < 0.1 | 1.9 | 0.2 | 19 | 55.0 | 0.2 | 52.9 | 0.2 | < 0.1 |
| 128913 | 0.80 | 0.014 | 9.8 | 0.116 | 16.3 | 0.260 | 0.22 | 0.6 | 2.8 | 25.9 | 0.06 | 0.5 | 0.023 | 0.07 | 0.1 | 1.9 | 0.1 | 16 | 34.2 | 0.5 | 78.7 | 0.3 | < 0.1 |
| 128914 | 2.96 | 0.010 | 3.5 | 0.042 | 3.5 | 0.140 | 0.12 | < 0.1 | 0.6 | 11.9 | < 0.02 | < 0.1 | 0.011 | 0.02 | < 0.1 | 2.0 | 0.2 | 11 | 18.6 | 0.1 | 18.0 | < 0.1 | < 0.1 |
| 128915 | 1.10 | 0.015 | 4.8 | 0.043 | 3.7 | 0.317 | 0.11 | < 0.1 | 0.5 | 22.9 | < 0.02 | < 0.1 | 0.019 | 0.08 | < 0.1 | 5.4 | < 0.1 | 7 | 17.6 | 0.2 | 43.2 | 0.1 | < 0.1 |
| 128916 | 0.44 | 0.013 | 2.9 | 0.033 | 3.8 | 0.137 | 0.11 | < 0.1 | 1.8 | 13.4 | < 0.02 | < 0.1 | 0.011 | 0.03 | < 0.1 | 3.1 | < 0.1 | 4 | 5.8 | 0.1 | 45.6 | 0.1 | < 0.1 |
| 128917 | 0.50 | 0.012 | 3.2 | 0.034 | 4.1 | 0.146 | 0.09 | < 0.1 | 1.2 | 13.8 | < 0.02 | < 0.1 | 0.012 | 0.03 | < 0.1 | 3.3 | < 0.1 | 4 | 5.7 | 0.2 | 50.5 | 0.1 | < 0.1 |
| 128918 | 0.54 | 0.013 | 7.2 | 0.088 | 5.8 | 0.170 | 0.07 | 0.4 | 0.9 | 25.3 | < 0.02 | 0.4 | 0.020 | 0.05 | 0.1 | 5.8 | < 0.1 | 16 | 19.1 | 0.5 | 162 | 0.3 | < 0.1 |
| 128919 | 0.89 | 0.012 | 8.4 | 0.079 | 5.8 | 0.223 | 0.06 | 0.9 | 3.1 | 15.4 | < 0.02 | 1.2 | 0.039 | 0.09 | 0.1 | 7.7 | 0.1 | 13 | 28.3 | 0.4 | 140 | 0.3 | < 0.1 |
| 128920 | 0.44 | 0.012 | 6.4 | 0.029 | 4.8 | 0.155 | 0.09 | 0.2 | 0.6 | 12.5 | < 0.02 | 0.2 | 0.010 | < 0.02 | < 0.1 | 2.6 | < 0.1 | 5 | 10.0 | 0.2 | 30.3 | < 0.1 | < 0.1 |
| 128921 | 0.62 | 0.014 | 7.6 | 0.044 | 4.8 | 0.156 | 0.10 | 0.3 | 2.2 | 10.3 | < 0.02 | 0.1 | 0.025 | < 0.02 | < 0.1 | 1.5 | < 0.1 | 6 | 10.6 | 0.2 | 28.4 | < 0.1 | < 0.1 |
| 128922 | 1.69 | 0.017 | 14.5 | 0.218 | 8.0 | 0.312 | 0.03 | 1.7 | 2.7 | 20.8 | < 0.02 | 1.9 | 0.035 | 0.17 | 0.2 | 6.2 | < 0.1 | 25 | 75.4 | 0.8 | 115 | 0.3 | < 0.1 |
| 128923 | 0.83 | 0.016 | 10.5 | 0.130 | 5.3 | 0.210 | 0.09 | 0.4 | 1.8 | 23.4 | < 0.02 | 0.6 | 0.018 | 0.06 | 0.1 | 3.5 | 0.1 | 17 | 31.7 | 0.3 | 139 | 0.4 | < 0.1 |
| 128924 | 0.70 | 0.015 | 6.8 | 0.122 | 10.8 | 0.175 | 0.14 | 0.7 | 0.3 | 12.8 | < 0.02 | 0.4 | 0.035 | 0.04 | < 0.1 | 4.1 | < 0.1 | 21 | 19.2 | 0.5 | 56.7 | 0.2 | < 0.1 |
| 128925 | 0.60 | 0.007 | 2.4 | < 0.001 | 0.4 | 0.001 | 0.10 | 0.1 | < 0.1 | < 0.5 | < 0.02 | 0.4 | 0.014 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | 2 | 1.7 | < 0.1 | 2.09 | < 0.1 | < 0.1 |
| 128926 | 6.19 | 0.014 | 11.5 | 0.114 | 5.8 | 0.369 | 0.08 | 1.2 | 3.7 | 16.7 | < 0.02 | 1.4 | 0.035 | 0.24 | 0.2 | 6.8 | 1.0 | 51 | 70.0 | 0.9 | 129 | 0.4 | < 0.1 |
| 128927 | 4.17 | 0.016 | 11.1 | 0.035 | 6.0 | 0.272 | 0.04 | 1.2 | 2.2 | 15.2 | < 0.02 | 3.1 | 0.015 | 0.31 | 0.2 | 3.4 | 0.2 | 73 | 55.5 | 0.6 | 126 | 0.4 | < 0.1 |
| 128928 | 1.71 | 0.014 | 5.2 | 0.044 | 13.0 | 0.129 | 0.12 | 0.7 | 1.2 | 11.3 | < 0.02 | 0.5 | 0.043 | 0.07 | < 0.1 | 2.2 | 0.3 | 14 | 30.1 | 0.3 | 37.4 | 0.2 | < 0.1 |
| 128929 | 2.19 | 0.012 | 4.2 | 0.059 | 5.9 | 0.149 | 0.07 | < 0.1 | 1.7 | 14.5 | < 0.02 | 0.1 | 0.013 | 0.05 | < 0.1 | 1.4 | 0.2 | 28 | 25.1 | 0.2 | 24.9 | < 0.1 | < 0.1 |
| 128930 | 2.61 | 0.018 | 5.0 | 0.073 | 4.8 | 0.138 | 0.04 | 0.8 | 0.9 | 20.3 | 0.05 | 0.6 | 0.044 | 0.06 | < 0.1 | 1.5 | 0.8 | 32 | 20.2 | 0.2 | 36.0 | 0.1 | < 0.1 |
| 128931 | 0.38 | 0.012 | 7.8 | 0.059 | 7.4 | 0.133 | 0.04 | 0.2 | 1.1 | 16.8 | < 0.02 | 0.1 | 0.016 | 0.04 | < 0.1 | 1.1 | < 0.1 | 8 | 17.0 | 0.2 | 36.6 | 0.1 | < 0.1 |
| 128932 | 3.78 | 0.021 | 11.6 | 0.080 | 34.2 | 0.219 | 0.38 | 0.9 | 1.5 | 22.4 | 0.17 | 0.4 | 0.042 | 0.14 | 0.1 | 2.7 | 0.5 | 22 | 51.9 | 0.4 | 54.8 | 0.3 | < 0.1 |
| 128933 | 11.7 | 0.093 | 70.1 | 0.056 | 266 | 0.044 | 0.20 | 3.7 | 0.8 | 45.1 | < 0.02 | 2.9 | 0.128 | 0.07 | < 0.1 | 0.4 | 0.1 | 31 | 191 | 0.2 | 44.1 | 0.2 | 0.2 |
| 128934 | 1.41 | 0.019 | 5.9 | 0.037 | 6.9 | 0.084 | 0.05 | 0.8 | 0.9 | 16.1 | < 0.02 | 0.7 | 0.054 | 0.05 | < 0.1 | 1.3 | 0.2 | 12 | 23.3 | 0.2 | 38.3 | 0.1 | < 0.1 |
| 128935 | 0.58 | 0.033 | 9.8 | 0.051 | 3.7 | 0.230 | 0.09 | 2.9 | 1.6 | 24.9 | < 0.02 | 6.0 | 0.123 | 0.15 | 0.1 | 1.0 | 0.9 | 19 | 20.4 | 0.3 | 38.6 | 0.1 | 0.3 |
| 128936 | 1.84 | 0.017 | 8.1 | 0.035 | 5.5 | 0.099 | 0.07 | 0.8 | 2.2 | 14.0 | < 0.02 | 0.8 | 0.050 | 0.05 | 0.1 | 2.4 | 0.8 | 21 | 25.7 | 0.3 | 57.1 | < 0.1 | < 0.1 |
| 128937 | 0.32 | 0.015 | 3.4 | 0.027 | 4.2 | 0.022 | 0.02 | 0.9 | 0.9 | 11.1 | < 0.02 | 1.7 | 0.057 | < 0.02 | < 0.1 | 0.6 | 0.2 | 9 | 10.5 | < 0.1 | 23.4 | < 0.1 | < 0.1 |
| 128938 | 2.96 | 0.017 | 7.1 | 0.069 | 9.9 | 0.118 | 0.07 | 1.0 | 0.9 | 13.3 | 0.06 | 1.3 | 0.058 | 0.10 | < 0.1 | 1.9 | 0.4 | 26 | 44.8 | 0.3 | 44.1 | 0.1 | < 0.1 |
| 128939 | 2.17 | 0.020 | 8.0 | 0.074 | 8.5 | 0.193 | 0.11 | 0.9 | 2.2 | 18.2 | < 0.02 | 0.6 | 0.057 | 0.10 | < 0.1 | 1.9 | 0.6 | 25 | 34.1 | 0.2 | 38.8 | 0.1 | < 0.1 |
| 128940 | 1.91 | 0.027 | 9.1 | 0.066 | 6.2 | 0.096 | 0.08 | 2.0 | 0.7 | 17.9 | 0.05 | 2.1 | 0.093 | 0.10 | 0.1 | 2.1 | 0.4 | 27 | 31.3 | 0.3 | 47.2 | 0.1 | < 0.1 |
| 128941 | 2.01 | 0.029 | 9.5 | 0.069 | 7.9 | 0.116 | 0.10 | 2.1 | 1.3 | 18.3 | < 0.02 | 2.4 | 0.090 | 0.12 | 0.1 | 2.1 | 0.4 | 28 | 32.8 | 0.3 | 47.6 | 0.2 | < 0.1 |
| 128942 | 1.13 | 0.026 | 8.5 | 0.046 | 8.6 | 0.076 | 0.11 | 1.9 | 1.4 | 17.9 | < 0.02 | 2.2 | 0.088 | 0.09 | < 0.1 | 1.6 | 0.4 | 21 | 31.0 | 0.2 | 41.4 | < 0.1 | < 0.1 |
| 128943 | 1.03 | 0.021 | 6.5 | 0.039 | 4.5 | 0.068 | 0.05 | 1.5 | 0.6 | 15.8 | < 0.02 | 1.9 | 0.083 | 0.07 | < 0.1 | 1.2 | 0.3 | 16 | 23.6 | 0.2 | 33.1 | 0.1 | < 0.1 |
| 128944 | 0.72 | 0.022 | 6.3 | 0.041 | 4.9 | 0.045 | 0.06 | 1.8 | 1.5 | 17.2 | < 0.02 | 2.1 | 0.093 | 0.07 | < 0.1 | 1.1 | 0.4 | 17 | 21.6 | 0.2 | 32.9 | 0.1 | < 0.1 |
| 128945 | 1.35 | 0.028 | 9.9 | 0.048 | 7.2 | 0.046 | 0.06 | 2.6 | 2.2 | 21.7 | < 0.02 | 3.1 | 0.104 | 0.11 | 0.1 | 2.2 | 0.4 | 28 | 32.3 | 0.3 | 45.3 | 0.2 | < 0.1 |
| 128946 | 1.34 | 0.018 | 7.6 | 0.039 | 5.1 | 0.122 | 0.04 | 1.2 | 2.7 | 18.8 | < 0.02 | 1.0 | 0.058 | 0.08 | 0.1 | 1.6 | 0.4 | 16 | 32.2 | 0.2 | 42.6 | < 0.1 | < 0.1 |
| 128947 | 2.73 | 0.024 | 9.2 | 0.086 | 22.6 | 0.205 | 0.17 | 1.6 | 1.6 | 18.8 | 0.11 | 2.5 | 0.062 | 0.12 | 0.1 | 7.8 | 1.2 | 48 | 47.5 | 0.4 | 57.1 | 0.2 | < 0.1 |
| 128948 | 1.27 | 0.015 | 3.7 | 0.054 | 4.6 | 0.158 | 0.05 | 0.2 | 1.4 | 36.4 | < 0.02 | 0.3 | 0.018 | 0.06 | < 0.1 | 4.5 | 0.1 | 6 | 11.7 | 0.2 | 32.1 | < 0.1 | < 0.1 |
| 128949 | 17.3 | 0.017 | 8.8 | 0.080 | 4.8 | 0.027 | 0.16 | 1.8 | 3.3 | 12.2 | < 0.02 | 7.4 | 0.049 | 0.22 | 0.2 | 14.3 | 2.4 | 51 | 35.5 | 0.3 | 92.3 | 0.3 | < 0.1 |
| 128950 | 2.99 | 0.047 | 54.7 | 0.016 | 6.9 | 0.002 | 0.10 | 1.4 | 0.8 | 17.8 | < 0.02 | 8.6 | 0.061 | 0.04 | < 0.1 | 1.5 | 0.3 | 12 | 13.8 | 0.1 | 20.7 | < 0.1 | 0.4 |
| 128951 | 2.88 | 0.016 | 11.2 | 0.033 | 2.5 | 0.274 | 0.06 | 0.6 | 1.4 | 22.9 | < 0.02 | 0.8 | 0.013 | 0.13 | 0.2 | 10.3 | 5.0 | 32 | 35.8 | 0.4 | 66.2 | 0.2 | < 0.1 |
| 128952 | 5.15 | 0.015 | 10.5 | 0.092 | 18.9 | 0.249 | 0.19 | 1.0 | 3.3 | 13.8 | 0.12 | 1.0 | 0.037 | 0.23 | 0.1 | 38.2 | 2.0 | 32 | 44.9 | 0.6 | 61.1 | 0.2 | < 0.1 |
| 128953 | 19.1 | 0.016 | 19.1 | 0.139 | 10.6 | 0.158 | 0.10 | 1.2 | 2.9 | 18.4 | < 0.02 | 1.3 | 0.040 | 0.63 | 0.2 | 64.9 | 2.6 | 49 | 76.9 | 0.9 | 94.7 | 0.3 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128954 | 0.61 | 0.014 | 23.3 | 0.061 | 9.8 | 0.154 | 0.11 | 0.3 | 1.9 | 17.8 | < 0.02 | 0.2 | 0.023 | 0.09 | 0.1 | 8.8 | 0.3 | 11 | 22.0 | 0.4 | 48.9 | 0.2 | < 0.1 |
| 128955 | 4.12 | 0.013 | 6.7 | 0.040 | 15.0 | 0.115 | 0.14 | 0.7 | 1.1 | 12.2 | < 0.02 | 1.2 | 0.022 | 0.04 | 0.1 | 29.4 | 0.9 | 25 | 53.2 | 0.5 | 57.7 | 0.2 | < 0.1 |
| 128956 | 6.66 | 0.015 | 17.2 | 0.044 | 18.4 | 0.113 | 0.21 | 0.6 | 2.1 | 18.2 | < 0.02 | 0.7 | 0.025 | 0.66 | 0.2 | 72.4 | 1.7 | 30 | 65.1 | 0.6 | 90.4 | 0.3 | < 0.1 |
| 128957 | 3.69 | 0.017 | 9.5 | 0.129 | 15.4 | 0.197 | 0.29 | 0.8 | 3.7 | 18.6 | 0.06 | 0.7 | 0.034 | 0.10 | 0.2 | 96.5 | 1.2 | 26 | 50.1 | 0.7 | 68.3 | 0.2 | < 0.1 |
| 128958 | 0.61 | 0.014 | 4.6 | 0.032 | 6.2 | 0.121 | 0.05 | 0.1 | 0.2 | 11.6 | < 0.02 | 0.1 | 0.018 | 0.02 | < 0.1 | 24.6 | 0.4 | 5 | 10.1 | 0.2 | 24.6 | < 0.1 | < 0.1 |
| 128959 | 0.54 | 0.014 | 4.4 | 0.027 | 5.9 | 0.111 | 0.05 | 0.2 | 0.8 | 10.9 | < 0.02 | < 0.1 | 0.019 | 0.03 | < 0.1 | 23.9 | 0.4 | 5 | 8.3 | 0.1 | 25.8 | < 0.1 | < 0.1 |
| 128960 | 0.69 | 0.014 | 8.5 | 0.027 | 6.3 | 0.168 | 0.06 | 0.3 | 3.1 | 21.8 | < 0.02 | 0.2 | 0.011 | 0.03 | 0.2 | 138 | < 0.1 | 4 | 24.3 | 0.4 | 88.8 | 0.4 | < 0.1 |
| 128961 | 0.75 | 0.015 | 11.8 | 0.105 | 11.5 | 0.197 | 0.34 | 0.3 | 1.7 | 21.0 | 0.06 | 0.3 | 0.014 | 0.05 | 0.2 | 59.3 | 0.1 | 13 | 29.8 | 0.6 | 76.3 | 0.3 | < 0.1 |
| 128962 | 1.23 | 0.016 | 14.7 | 0.034 | 4.3 | 0.217 | 0.24 | 0.6 | 2.4 | 41.5 | < 0.02 | 0.3 | 0.018 | 0.08 | 0.2 | 79.1 | 0.4 | 7 | 31.1 | 0.3 | 49.3 | 0.2 | < 0.1 |
| 128963 | 0.62 | 0.015 | 7.4 | 0.040 | 15.0 | 0.154 | 0.11 | 0.2 | 1.9 | 13.5 | < 0.02 | 0.1 | 0.012 | 0.04 | < 0.1 | 37.1 | 0.3 | 7 | 13.4 | 0.3 | 31.2 | 0.1 | < 0.1 |
| 128964 | 1.51 | 0.017 | 5.3 | 0.053 | 3.7 | 0.178 | 0.05 | 0.2 | 0.8 | 33.4 | < 0.02 | < 0.1 | 0.012 | 0.04 | < 0.1 | 48.3 | 0.7 | 7 | 13.5 | 0.2 | 26.2 | < 0.1 | < 0.1 |
| 128965 | 1.60 | 0.014 | 4.7 | 0.038 | 10.9 | 0.105 | 0.10 | 0.4 | 1.5 | 14.4 | < 0.02 | 0.2 | 0.031 | 0.07 | < 0.1 | 69.8 | 0.7 | 12 | 20.1 | 0.2 | 28.4 | < 0.1 | < 0.1 |
| 128966 | 1.00 | 0.012 | 8.4 | 0.033 | 2.6 | 0.213 | 0.13 | 0.3 | 0.6 | 15.3 | < 0.02 | 0.2 | 0.002 | < 0.02 | < 0.1 | 3.2 | < 0.1 | 11 | 21.1 | 0.3 | 18.4 | < 0.1 | < 0.1 |
| 128967 | 1.80 | 0.016 | 5.9 | 0.049 | 7.7 | 0.155 | 0.06 | 0.3 | 0.9 | 19.4 | 0.06 | < 0.1 | 0.024 | 0.06 | < 0.1 | 32.1 | 1.3 | 15 | 19.2 | 0.3 | 28.6 | 0.1 | < 0.1 |
| 128968 | 1.50 | 0.014 | 8.6 | 0.202 | 8.8 | 0.185 | 0.10 | 0.5 | 1.9 | 27.4 | < 0.02 | 0.3 | 0.025 | 0.07 | 0.1 | 14.6 | 0.4 | 35 | 30.6 | 0.5 | 65.2 | 0.2 | < 0.1 |
| 128969 | 1.05 | 0.011 | 2.8 | 0.046 | 3.3 | 0.108 | 0.05 | < 0.1 | 0.2 | 10.6 | < 0.02 | < 0.1 | 0.018 | 0.02 | < 0.1 | 4.4 | 0.5 | 6 | 7.2 | 0.1 | 15.6 | < 0.1 | < 0.1 |
| 128970 | 7.27 | 0.012 | 9.9 | 0.169 | 14.3 | 0.208 | 0.15 | 1.3 | 3.7 | 16.1 | 0.05 | 2.0 | 0.042 | 0.20 | 0.2 | 109 | 1.4 | 43 | 86.1 | 1.0 | 106 | 0.3 | < 0.1 |
| 128971 | 1.53 | 0.012 | 17.1 | 0.039 | 4.4 | 0.206 | 0.06 | 0.2 | 1.1 | 27.9 | < 0.02 | 0.2 | 0.013 | 0.04 | 0.1 | 7.9 | 0.2 | 11 | 33.8 | 0.3 | 44.3 | 0.1 | < 0.1 |
| 128972 | 0.89 | 0.011 | 6.9 | 0.031 | 6.6 | 0.141 | 0.10 | 0.3 | < 0.1 | 13.0 | 0.05 | 0.2 | 0.008 | 0.02 | < 0.1 | 6.6 | < 0.1 | 4 | 10.7 | < 0.1 | 12.6 | < 0.1 | < 0.1 |
| 128973 | 1.68 | 0.012 | 5.6 | 0.038 | 4.3 | 0.062 | < 0.02 | 0.4 | 2.5 | 11.9 | < 0.02 | 0.3 | 0.037 | 0.07 | < 0.1 | 9.1 | 0.7 | 11 | 22.6 | 0.1 | 39.4 | < 0.1 | < 0.1 |
| 128974 | 0.36 | 0.009 | 1.3 | 0.018 | 1.2 | 0.140 | < 0.02 | 1.0 | 2.4 | 3.5 | < 0.02 | 0.8 | 0.004 | 0.03 | 0.1 | 20.2 | 0.2 | < 1 | 2.8 | 0.2 | 70.8 | 0.4 | < 0.1 |
| 128975 | 12.2 | 0.028 | 28.6 | 0.058 | 22.0 | 0.031 | 0.50 | 4.6 | 2.7 | 15.9 | < 0.02 | 11.7 | 0.160 | 0.37 | 0.2 | 3.0 | 1.7 | 44 | 108 | 1.3 | 90.6 | 0.3 | < 0.1 |
| 128976 | 1.12 | 0.011 | 3.8 | 0.029 | 4.9 | 0.035 | 0.07 | 0.7 | 0.3 | 8.4 | < 0.02 | 1.6 | 0.036 | 0.03 | < 0.1 | 7.4 | 0.3 | 7 | 10.4 | 0.2 | 35.0 | < 0.1 | < 0.1 |
| 128977 | 1.54 | 0.011 | 4.7 | 0.021 | 6.1 | 0.073 | 0.07 | 0.6 | 0.2 | 12.9 | 0.05 | 1.6 | 0.034 | 0.05 | < 0.1 | 2.1 | 0.5 | 11 | 19.6 | < 0.1 | 25.2 | < 0.1 | < 0.1 |
| 128978 | 1.61 | 0.010 | 4.4 | 0.022 | 3.7 | 0.078 | 0.04 | 0.5 | 0.9 | 12.1 | < 0.02 | 1.5 | 0.030 | 0.03 | < 0.1 | 1.9 | 0.7 | 11 | 15.9 | < 0.1 | 33.0 | < 0.1 | < 0.1 |
| 128979 | 2.91 | 0.017 | 7.5 | 0.064 | 8.3 | 0.134 | 0.15 | 1.3 | 0.9 | 14.4 | < 0.02 | 2.3 | 0.057 | 0.10 | 0.1 | 5.3 | 0.8 | 31 | 39.5 | 0.3 | 50.7 | 0.1 | < 0.1 |
| 128980 | 1.45 | 0.012 | 10.0 | 0.057 | 3.3 | 0.204 | 0.13 | 0.3 | 1.0 | 25.0 | < 0.02 | 0.5 | 0.016 | 0.04 | 0.1 | 1.8 | 0.2 | 22 | 35.6 | 0.3 | 44.1 | < 0.1 | < 0.1 |
| 128981 | 0.91 | 0.022 | 4.7 | 0.048 | 5.4 | 0.132 | 0.08 | 0.4 | 1.1 | 25.4 | < 0.02 | 0.2 | 0.031 | 0.05 | < 0.1 | 1.1 | 0.2 | 8 | 14.5 | 0.1 | 22.7 | 0.1 | < 0.1 |
| 128982 | 0.55 | 0.015 | 5.2 | 0.049 | 2.0 | 0.106 | 0.07 | 0.9 | 1.1 | 17.1 | < 0.02 | 0.6 | 0.034 | 0.04 | < 0.1 | 0.8 | 0.3 | 11 | 27.9 | < 0.1 | 26.6 | < 0.1 | < 0.1 |
| 128983 | 0.60 | 0.007 | 2.4 | < 0.001 | 0.4 | 0.001 | 0.06 | < 0.1 | 0.6 | < 0.5 | < 0.02 | 0.4 | 0.013 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | 2 | 3.1 | < 0.1 | 2.10 | < 0.1 | < 0.1 |
| 128984 | 0.69 | 0.013 | 4.2 | 0.030 | 4.9 | 0.023 | 0.06 | 0.8 | 1.2 | 10.5 | < 0.02 | 1.6 | 0.053 | 0.04 | < 0.1 | 0.8 | 0.1 | 10 | 13.7 | 0.1 | 29.3 | < 0.1 | < 0.1 |
| 128985 | 2.33 | 0.014 | 8.8 | 0.065 | 2.8 | 0.301 | < 0.02 | 0.3 | 0.7 | 25.4 | < 0.02 | 0.2 | 0.014 | 0.11 | 0.1 | 1.1 | 0.4 | 22 | 47.5 | 0.2 | 52.4 | 0.1 | < 0.1 |
| 128986 | 1.36 | 0.016 | 4.6 | 0.029 | 17.6 | 0.051 | < 0.02 | 0.8 | 1.7 | 10.8 | < 0.02 | 1.1 | 0.048 | 0.06 | < 0.1 | 1.0 | 0.2 | 14 | 19.8 | 0.1 | 35.0 | < 0.1 | < 0.1 |
| 128987 | 0.91 | 0.017 | 5.1 | 0.021 | 9.7 | 0.097 | 0.08 | 0.9 | 0.7 | 15.8 | < 0.02 | 1.1 | 0.041 | 0.04 | < 0.1 | 0.9 | 0.2 | 10 | 25.2 | 0.2 | 28.1 | 0.1 | < 0.1 |
| 128988 | 1.45 | 0.024 | 9.1 | 0.046 | 6.2 | 0.105 | < 0.02 | 1.7 | 1.9 | 19.6 | < 0.02 | 1.0 | 0.085 | 0.09 | < 0.1 | 1.2 | 0.3 | 18 | 38.1 | 0.2 | 45.1 | < 0.1 | < 0.1 |
| 128989 | 0.77 | 0.015 | 4.7 | 0.035 | 5.1 | 0.140 | < 0.02 | 0.2 | 0.5 | 13.8 | < 0.02 | 0.3 | 0.019 | < 0.02 | < 0.1 | 1.1 | < 0.1 | 8 | 7.6 | 0.2 | 22.1 | < 0.1 | < 0.1 |
| 128990 | 0.57 | 0.015 | 12.1 | 0.079 | 14.8 | 0.196 | < 0.02 | 0.2 | 1.4 | 27.8 | < 0.02 | 0.3 | 0.017 | 0.04 | < 0.1 | 2.4 | < 0.1 | 8 | 32.3 | 0.3 | 53.0 | 0.1 | < 0.1 |
| 128991 | 1.45 | 0.016 | 4.4 | 0.058 | 10.2 | 0.126 | < 0.02 | 0.6 | 0.9 | 18.5 | < 0.02 | 0.4 | 0.045 | 0.08 | < 0.1 | 1.8 | 0.5 | 17 | 17.0 | 0.2 | 36.2 | 0.1 | < 0.1 |
| 128992 | 0.75 | 0.014 | 8.9 | 0.025 | 6.6 | 0.250 | < 0.02 | 0.9 | 3.8 | 14.5 | < 0.02 | 1.7 | 0.017 | 0.08 | 0.2 | 2.7 | < 0.1 | 27 | 25.8 | 0.4 | 192 | 0.5 | < 0.1 |
| 128993 | 1.75 | 0.015 | 5.0 | 0.049 | 16.7 | 0.123 | < 0.02 | 0.7 | 1.7 | 12.7 | 0.05 | 0.7 | 0.042 | 0.08 | < 0.1 | 1.8 | 0.3 | 15 | 32.0 | 0.2 | 42.5 | 0.1 | < 0.1 |
| 128994 | 0.52 | 0.014 | 7.3 | 0.077 | 14.4 | 0.142 | < 0.02 | 0.4 | 1.3 | 18.8 | < 0.02 | 0.3 | 0.028 | 0.05 | 0.1 | 1.9 | 0.2 | 8 | 24.8 | 0.2 | 59.3 | 0.2 | < 0.1 |
| 128995 | 3.40 | 0.017 | 8.0 | 0.092 | 12.0 | 0.126 | < 0.02 | 1.2 | 2.3 | 14.7 | < 0.02 | 1.3 | 0.055 | 0.21 | 0.1 | 3.1 | 0.4 | 29 | 36.8 | 0.3 | 65.6 | 0.2 | < 0.1 |
| 128996 | 0.44 | 0.013 | 3.9 | 0.034 | 5.3 | 0.119 | < 0.02 | 0.1 | 1.2 | 13.7 | < 0.02 | 0.2 | 0.021 | 0.03 | < 0.1 | 1.4 | < 0.1 | 5 | 9.9 | 0.1 | 20.0 | < 0.1 | < 0.1 |
| 128997 | 0.28 | 0.013 | 6.4 | 0.047 | 12.9 | 0.195 | < 0.02 | 0.1 | 0.8 | 25.3 | < 0.02 | 0.2 | 0.021 | 0.03 | < 0.1 | 3.0 | < 0.1 | 7 | 20.0 | 0.3 | 46.3 | < 0.1 | < 0.1 |
| 128998 | 0.47 | 0.016 | 8.4 | 0.038 | 11.2 | 0.190 | < 0.02 | 0.4 | 1.1 | 25.2 | < 0.02 | 0.3 | 0.033 | 0.04 | < 0.1 | 3.2 | < 0.1 | 5 | 18.8 | 0.2 | 51.8 | 0.1 | < 0.1 |
| 128999 | 0.57 | 0.013 | 10.3 | 0.039 | 7.2 | 0.190 | < 0.02 | 0.3 | 0.8 | 28.4 | < 0.02 | 0.3 | 0.036 | 0.04 | < 0.1 | 3.7 | < 0.1 | 5 | 18.4 | 0.2 | 60.9 | 0.1 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128800 | 0.07 | 32.2 | 2.06 | 30.4 | 34.6 | < 0.2 | 2.44 | 5.7 | < 0.05 | 0.6 | 12.3 | 1.0 | 4.7 | < 2 | 7.9 | < 10 | 80 | 0.5 |
| 128801 | 0.02 | 10.6 | 1.21 | 103 | 8.7 | 2.7 | 0.70 | 16.7 | < 0.05 | 1.4 | 32.5 | 2.6 | 0.9 | < 2 | 27.5 | < 10 | 50 | 1.2 |
| 128802 | < 0.02 | 5.9 | 1.35 | 31.4 | 5.2 | 2.4 | 0.42 | 5.1 | < 0.05 | 0.5 | 12.1 | 1.0 | 0.6 | 2 | 8.2 | < 10 | 50 | 0.4 |
| 128803 | < 0.02 | 0.4 | 0.20 | 5.32 | 1.2 | 1.2 | 0.15 | 0.9 | < 0.05 | < 0.1 | 1.68 | 0.1 | 0.2 | 3 | 1.4 | < 10 | 30 | < 0.1 |
| 128804 | 0.02 | 4.1 | 0.98 | 31.7 | 3.4 | 1.5 | 0.54 | 5.3 | < 0.05 | 0.5 | 10.8 | 0.8 | 0.3 | 2 | 8.4 | < 10 | 60 | 0.4 |
| 128805 | < 0.02 | 4.2 | 1.20 | 34.6 | 3.9 | 2.5 | 0.66 | 5.7 | < 0.05 | 0.5 | 11.4 | 0.9 | 0.7 | < 2 | 9.1 | < 10 | 80 | 0.4 |
| 128806 | < 0.02 | 5.3 | 1.46 | 45.2 | 4.9 | 3.7 | 0.57 | 7.4 | < 0.05 | 0.6 | 15.2 | 1.2 | 0.7 | < 2 | 11.8 | < 10 | 60 | 0.5 |
| 128807 | 0.03 | 16.2 | 2.12 | 59.9 | 20.3 | 0.9 | 0.90 | 9.9 | < 0.05 | 0.9 | 21.1 | 1.8 | 2.5 | < 2 | 15.6 | < 10 | 30 | 0.8 |
| 128808 | < 0.02 | 1.0 | 0.96 | 30.1 | 1.7 | 2.1 | 0.22 | 4.4 | < 0.05 | 0.4 | 9.59 | 0.7 | 0.5 | < 2 | 8.2 | < 10 | 100 | 0.3 |
| 128809 | < 0.02 | 1.6 | 0.89 | 18.5 | 1.9 | < 0.2 | 0.35 | 3.0 | < 0.05 | 0.3 | 6.60 | 0.5 | 0.4 | < 2 | 4.8 | < 10 | 130 | 0.2 |
| 128810 | < 0.02 | 3.7 | 1.09 | 19.4 | 2.2 | 0.9 | 0.35 | 3.2 | < 0.05 | 0.3 | 6.36 | 0.5 | 0.8 | < 2 | 5.2 | < 10 | 100 | 0.2 |
| 128811 | 0.02 | 5.6 | 1.63 | 15.1 | 5.6 | 0.6 | 0.52 | 2.6 | < 0.05 | 0.2 | 5.78 | 0.5 | 3.6 | < 2 | 4.1 | < 10 | 30 | 0.2 |
| 128812 | < 0.02 | 7.0 | 1.65 | 17.3 | 7.0 | 1.2 | 0.62 | 2.9 | < 0.05 | 0.3 | 6.86 | 0.5 | 3.0 | < 2 | 4.6 | < 10 | 40 | 0.2 |
| 128813 | 0.03 | 8.6 | 2.63 | 55.6 | 10.0 | 0.6 | 0.73 | 8.0 | < 0.05 | 0.6 | 11.8 | 0.8 | 3.6 | < 2 | 15.2 | < 10 | 40 | 0.4 |
| 128814 | 0.02 | 8.2 | 1.21 | 25.6 | 7.7 | 1.2 | 0.67 | 4.1 | < 0.05 | 0.4 | 8.39 | 0.7 | 1.8 | < 2 | 6.8 | < 10 | 10 | 0.3 |
| 128815 | 0.02 | 6.7 | 1.73 | 19.3 | 7.0 | < 0.2 | 0.77 | 3.1 | < 0.05 | 0.3 | 5.93 | 0.5 | 3.0 | < 2 | 5.1 | < 10 | 20 | 0.2 |
| 128816 | 0.03 | 4.6 | 1.18 | 39.3 | 4.8 | 1.7 | 0.69 | 6.0 | < 0.05 | 0.5 | 13.2 | 1.0 | 1.5 | < 2 | 10.5 | < 10 | 60 | 0.5 |
| 128817 | 0.02 | 3.6 | 1.33 | 35.2 | 4.4 | 1.1 | 0.45 | 5.5 | < 0.05 | 0.5 | 10.7 | 0.8 | 0.9 | < 2 | 9.4 | < 10 | 120 | 0.4 |
| 128818 | < 0.02 | 0.9 | 0.46 | 8.82 | 1.3 | 0.9 | 0.15 | 1.5 | < 0.05 | 0.1 | 2.49 | 0.2 | 0.3 | < 2 | 2.5 | < 10 | 50 | < 0.1 |
| 128819 | < 0.02 | 0.8 | 0.49 | 9.11 | 1.4 | 1.5 | 0.22 | 1.4 | < 0.05 | 0.1 | 2.44 | 0.2 | 0.4 | < 2 | 2.5 | < 10 | 60 | < 0.1 |
| 128820 | < 0.02 | 4.2 | 1.66 | 99.6 | 3.8 | 2.7 | 0.40 | 16.0 | < 0.05 | 1.2 | 26.0 | 2.0 | 1.6 | 2 | 26.1 | < 10 | 20 | 1.0 |
| 128821 | < 0.02 | 2.3 | 0.90 | 33.3 | 2.5 | < 0.2 | 0.17 | 5.2 | < 0.05 | 0.4 | 9.99 | 0.7 | 0.4 | < 2 | 8.8 | < 10 | 40 | 0.4 |
| 128822 | < 0.02 | 1.6 | 0.62 | 26.7 | 1.6 | 0.6 | 0.18 | 4.0 | < 0.05 | 0.3 | 6.61 | 0.5 | 1.5 | < 2 | 7.2 | < 10 | 30 | 0.2 |
| 128823 | < 0.02 | 5.4 | 0.57 | 20.7 | 2.2 | 1.2 | 0.26 | 3.2 | < 0.05 | 0.2 | 6.30 | 0.5 | < 0.1 | < 2 | 5.5 | < 10 | < 10 | 0.2 |
| 128824 | 0.02 | 3.3 | 1.07 | 39.3 | 3.0 | 0.6 | 0.46 | 5.8 | < 0.05 | 0.5 | 11.3 | 0.9 | 0.4 | < 2 | 10.4 | < 10 | 80 | 0.4 |
| 128825 | < 0.02 | 0.2 | 0.18 | 0.78 | 0.1 | < 0.2 | 0.49 | 0.1 | < 0.05 | < 0.1 | 0.28 | < 0.1 | 0.5 | < 2 | 0.2 | < 10 | < 10 | < 0.1 |
| 128826 | < 0.02 | 1.2 | 0.51 | 40.3 | 1.6 | 1.8 | 0.19 | 5.8 | < 0.05 | 0.4 | 11.9 | 0.8 | 0.5 | < 2 | 11.0 | < 10 | 70 | 0.4 |
| 128827 | < 0.02 | 3.8 | 1.28 | 26.0 | 3.0 | 0.6 | 0.39 | 3.9 | < 0.05 | 0.3 | 8.14 | 0.6 | 0.5 | 3 | 7.1 | < 10 | 30 | 0.3 |
| 128829 | < 0.02 | 12.0 | 2.06 | 24.3 | 9.5 | 2.1 | 0.71 | 3.9 | < 0.05 | 0.4 | 9.03 | 0.8 | 6.3 | < 2 | 6.3 | < 10 | 20 | 0.3 |
| 128830 | < 0.02 | 6.4 | 1.21 | 35.2 | 6.2 | 1.2 | 0.46 | 5.7 | < 0.05 | 0.5 | 12.8 | 1.1 | 0.7 | < 2 | 9.3 | < 10 | 30 | 0.5 |
| 128831 | < 0.02 | 6.9 | 1.43 | 46.2 | 5.3 | 1.2 | 0.57 | 7.4 | < 0.05 | 0.6 | 16.6 | 1.3 | 0.6 | < 2 | 12.2 | < 10 | 30 | 0.6 |
| 128832 | < 0.02 | 4.7 | 1.62 | 18.0 | 10.2 | < 0.2 | 0.45 | 2.9 | < 0.05 | 0.3 | 6.45 | 0.5 | 5.0 | < 2 | 4.8 | < 10 | < 10 | 0.2 |
| 128833 | 0.07 | 32.1 | 2.34 | 31.2 | 36.0 | 0.3 | 2.66 | 5.9 | < 0.05 | 0.6 | 12.2 | 1.0 | 4.3 | < 2 | 8.1 | < 10 | 50 | 0.5 |
| 128834 | 0.02 | 4.0 | 1.38 | 56.2 | 4.7 | 1.7 | 0.61 | 8.5 | < 0.05 | 0.7 | 16.4 | 1.3 | 0.8 | < 2 | 14.8 | < 10 | 80 | 0.6 |
| 128835 | < 0.02 | 1.8 | 0.40 | 17.9 | 2.2 | 1.5 | 0.20 | 2.8 | < 0.05 | 0.2 | 6.80 | 0.6 | 0.2 | < 2 | 4.6 | < 10 | 40 | 0.2 |
| 128836 | < 0.02 | 0.9 | 0.25 | 14.5 | 1.0 | < 0.2 | 0.07 | 2.2 | < 0.05 | 0.2 | 4.35 | 0.3 | 0.1 | < 2 | 3.9 | < 10 | 20 | 0.2 |
| 128837 | < 0.02 | 6.0 | 2.12 | 18.2 | 6.0 | 0.3 | 0.52 | 3.0 | < 0.05 | 0.3 | 6.83 | 0.6 | 4.7 | < 2 | 4.8 | < 10 | 30 | 0.3 |
| 128838 | 0.03 | 7.5 | 1.87 | 20.4 | 7.5 | 0.6 | 0.87 | 3.4 | < 0.05 | 0.3 | 8.07 | 0.7 | 2.2 | < 2 | 5.4 | < 10 | 20 | 0.3 |
| 128839 | < 0.02 | 6.3 | 1.87 | 19.4 | 6.0 | 1.5 | 0.66 | 3.3 | < 0.05 | 0.3 | 7.66 | 0.7 | 3.4 | < 2 | 5.0 | < 10 | < 10 | 0.3 |
| 128840 | < 0.02 | 6.2 | 1.78 | 17.3 | 6.4 | 0.3 | 0.65 | 3.0 | < 0.05 | 0.3 | 6.88 | 0.7 | 3.5 | 3 | 4.5 | < 10 | 20 | 0.3 |
| 128841 | < 0.02 | 5.6 | 1.44 | 16.0 | 5.5 | < 0.2 | 0.92 | 2.7 | < 0.05 | 0.3 | 6.37 | 0.6 | 3.1 | < 2 | 4.2 | < 10 | 10 | 0.2 |
| 128842 | < 0.02 | 2.2 | 0.39 | 35.5 | 2.3 | 1.2 | 0.16 | 5.7 | < 0.05 | 0.4 | 10.0 | 0.8 | 0.4 | < 2 | 9.3 | < 10 | 10 | 0.4 |
| 128843 | < 0.02 | 1.6 | 0.52 | 25.4 | 1.8 | < 0.2 | 0.13 | 4.2 | < 0.05 | 0.4 | 9.52 | 0.7 | 0.3 | < 2 | 6.6 | < 10 | 50 | 0.4 |
| 128844 | < 0.02 | 0.6 | 0.17 | 6.12 | 1.1 | 1.2 | 0.13 | 0.9 | < 0.05 | < 0.1 | 2.19 | 0.2 | 0.4 | < 2 | 1.6 | < 10 | 30 | < 0.1 |
| 128845 | < 0.02 | 0.9 | 0.17 | 11.9 | 1.9 | 1.7 | < 0.05 | 2.0 | < 0.05 | 0.2 | 4.07 | 0.3 | 0.6 | < 2 | 3.2 | < 10 | 40 | 0.2 |
| 128846 | < 0.02 | 3.8 | 0.91 | 49.2 | 4.7 | 2.1 | 0.50 | 8.4 | < 0.05 | 0.7 | 18.6 | 1.5 | 0.3 | < 2 | 12.9 | < 10 | 80 | 0.7 |
| 128847 | 0.02 | 2.5 | 0.85 | 45.7 | 3.2 | 1.2 | 0.48 | 7.5 | < 0.05 | 0.6 | 15.2 | 1.1 | 0.4 | < 2 | 12.1 | < 10 | 120 | 0.5 |
| 128848 | < 0.02 | 0.8 | 0.18 | 16.8 | 1.2 | 1.2 | 0.19 | 2.6 | < 0.05 | 0.2 | 5.10 | 0.3 | 0.1 | < 2 | 4.6 | < 10 | 50 | 0.2 |
| 128849 | < 0.02 | 1.9 | 0.42 | 20.7 | 1.7 | 0.9 | 0.13 | 3.5 | < 0.05 | 0.3 | 6.03 | 0.4 | 0.3 | < 2 | 5.3 | < 10 | 30 | 0.2 |
| 128850 | < 0.02 | 5.2 | 0.96 | 6.83 | 4.2 | 1.2 | 1.31 | 1.3 | < 0.05 | 0.1 | 3.47 | 0.4 | 8.2 | < 2 | 1.9 | < 10 | < 10 | 0.1 |
| 128851 | < 0.02 | 2.6 | 1.14 | 54.7 | 2.5 | 2.9 | 0.36 | 8.2 | < 0.05 | 0.7 | 18.0 | 1.5 | 3.3 | < 2 | 14.7 | < 10 | 60 | 0.6 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128852 | < 0.02 | 9.6 | 2.01 | 24.1 | 10.7 | 0.9 | 0.73 | 3.9 | < 0.05 | 0.3 | 8.87 | 0.8 | 2.7 | < 2 | 6.3 | < 10 | 40 | 0.3 |
| 128853 | < 0.02 | 7.6 | 1.08 | 20.5 | 6.9 | < 0.2 | 0.60 | 3.5 | < 0.05 | 0.3 | 8.10 | 0.7 | 1.2 | < 2 | 5.4 | < 10 | < 10 | 0.3 |
| 128854 | < 0.02 | 0.8 | 0.38 | 16.1 | 1.4 | 1.5 | 0.17 | 2.2 | < 0.05 | 0.2 | 4.36 | 0.4 | 0.2 | < 2 | 4.5 | < 10 | 100 | 0.2 |
| 128855 | 0.02 | 11.4 | 2.23 | 36.3 | 12.3 | 2.0 | 0.78 | 6.0 | < 0.05 | 0.5 | 13.8 | 1.2 | 1.7 | 2 | 9.8 | < 10 | 40 | 0.5 |
| 128856 | 0.03 | 10.9 | 1.76 | 36.9 | 11.6 | 1.2 | 0.82 | 6.0 | < 0.05 | 0.5 | 13.7 | 1.2 | 1.4 | < 2 | 10.0 | < 10 | 50 | 0.5 |
| 128857 | < 0.02 | 8.0 | 1.90 | 21.4 | 8.1 | 0.3 | 0.62 | 3.6 | < 0.05 | 0.3 | 8.46 | 0.8 | 2.1 | < 2 | 5.8 | < 10 | 10 | 0.3 |
| 128858 | < 0.02 | 5.8 | 1.51 | 18.3 | 5.5 | 1.4 | 0.59 | 3.2 | < 0.05 | 0.3 | 7.05 | 0.6 | 2.0 | < 2 | 4.9 | < 10 | < 10 | 0.3 |
| 128859 | < 0.02 | 8.1 | 1.72 | 24.5 | 11.2 | 1.1 | 0.51 | 4.0 | < 0.05 | 0.4 | 9.34 | 0.7 | 3.0 | < 2 | 6.5 | < 10 | 30 | 0.3 |
| 128860 | < 0.02 | 5.3 | 1.30 | 17.8 | 4.7 | 1.2 | 0.50 | 3.0 | < 0.05 | 0.3 | 6.78 | 0.6 | 0.9 | < 2 | 4.6 | < 10 | 20 | 0.3 |
| 128861 | < 0.02 | 5.1 | 0.94 | 14.3 | 4.7 | 0.4 | 0.64 | 2.4 | < 0.05 | 0.2 | 5.62 | 0.5 | 0.3 | < 2 | 3.8 | < 10 | 20 | 0.2 |
| 128862 | < 0.02 | 0.7 | 0.21 | 9.27 | 1.1 | 0.6 | 0.20 | 1.6 | < 0.05 | 0.1 | 3.45 | 0.3 | 1.0 | 3 | 2.7 | < 10 | 30 | 0.1 |
| 128863 | < 0.02 | 0.7 | 0.13 | 6.32 | 1.2 | < 0.2 | 0.32 | 1.2 | < 0.05 | 0.1 | 2.79 | 0.2 | 0.3 | < 2 | 1.8 | < 10 | 70 | 0.1 |
| 128864 | < 0.02 | 3.9 | 0.92 | 14.7 | 3.3 | 0.3 | 0.44 | 2.8 | < 0.05 | 0.3 | 6.51 | 0.6 | 0.3 | < 2 | 4.2 | < 10 | 20 | 0.2 |
| 128865 | < 0.02 | 1.5 | 0.50 | 12.6 | 1.8 | 3.2 | 0.22 | 2.1 | < 0.05 | 0.2 | 4.28 | 0.3 | 0.4 | < 2 | 3.7 | < 10 | 50 | 0.2 |
| 128866 | < 0.02 | 0.7 | 0.36 | 14.0 | 1.2 | 0.3 | 0.22 | 2.5 | < 0.05 | 0.2 | 7.29 | 0.5 | 1.0 | < 2 | 3.9 | < 10 | 40 | 0.2 |
| 128867 | < 0.02 | 0.7 | 0.34 | 12.5 | 1.1 | < 0.2 | 0.23 | 2.2 | < 0.05 | 0.2 | 6.32 | 0.4 | 0.9 | < 2 | 3.6 | < 10 | 50 | 0.2 |
| 128868 | < 0.02 | 2.6 | 0.83 | 10.1 | 2.1 | 0.3 | 0.38 | 1.8 | < 0.05 | 0.2 | 4.56 | 0.4 | 0.5 | < 2 | 2.9 | < 10 | 20 | 0.2 |
| 128869 | < 0.02 | 3.5 | 0.93 | 10.3 | 3.0 | 0.6 | 0.45 | 1.9 | < 0.05 | 0.2 | 4.38 | 0.3 | 0.8 | < 2 | 3.0 | < 10 | 40 | 0.2 |
| 128870 | < 0.02 | 2.7 | 0.30 | 24.1 | 2.4 | 0.6 | 0.20 | 4.2 | < 0.05 | 0.4 | 10.1 | 0.8 | < 0.1 | < 2 | 6.9 | < 10 | 30 | 0.3 |
| 128871 | < 0.02 | 3.6 | 0.98 | 14.6 | 2.7 | < 0.2 | 0.49 | 2.7 | < 0.05 | 0.2 | 6.41 | 0.5 | 0.7 | < 2 | 4.3 | < 10 | < 10 | 0.2 |
| 128872 | < 0.02 | 0.8 | 0.10 | 15.9 | 2.0 | 0.3 | 0.12 | 2.7 | < 0.05 | 0.3 | 8.42 | 0.6 | 0.3 | < 2 | 4.5 | < 10 | 30 | 0.3 |
| 128873 | < 0.02 | 1.3 | 0.27 | 10.4 | 1.3 | 1.2 | 0.22 | 1.8 | < 0.05 | 0.2 | 4.34 | 0.3 | < 0.1 | 3 | 3.0 | < 10 | 40 | 0.2 |
| 128874 | < 0.02 | 2.4 | 0.47 | 13.7 | 2.2 | 0.8 | 0.37 | 2.4 | < 0.05 | 0.2 | 5.65 | 0.4 | 0.1 | < 2 | 3.8 | < 10 | 70 | 0.2 |
| 128875 | < 0.02 | 0.3 | 0.15 | 0.77 | 0.1 | 0.6 | 0.44 | 0.2 | < 0.05 | < 0.1 | 0.30 | < 0.1 | 0.5 | < 2 | 0.2 | < 10 | < 10 | < 0.1 |
| 128876 | < 0.02 | 1.3 | 0.24 | 12.0 | 1.5 | 0.6 | 0.21 | 2.1 | < 0.05 | 0.2 | 6.20 | 0.5 | 0.9 | 2 | 3.3 | < 10 | 30 | 0.2 |
| 128877 | < 0.02 | 3.3 | 0.83 | 10.5 | 2.4 | 0.6 | 0.34 | 1.9 | < 0.05 | 0.2 | 4.40 | 0.4 | 0.6 | < 2 | 3.0 | < 10 | 30 | 0.2 |
| 128878 | < 0.02 | 1.1 | 0.79 | 13.3 | 0.8 | 0.9 | 0.27 | 2.3 | < 0.05 | 0.2 | 5.18 | 0.4 | 0.9 | < 2 | 4.1 | < 10 | 30 | 0.2 |
| 128879 | < 0.02 | 2.0 | 0.34 | 16.6 | 2.0 | 1.1 | 0.17 | 2.8 | < 0.05 | 0.3 | 6.74 | 0.6 | 0.2 | 3 | 4.9 | < 10 | 50 | 0.3 |
| 128880 | < 0.02 | 1.8 | 0.24 | 17.0 | 1.8 | 0.6 | 0.07 | 2.9 | < 0.05 | 0.3 | 7.23 | 0.6 | 0.2 | 3 | 5.0 | < 10 | 40 | 0.3 |
| 128881 | < 0.02 | 3.0 | 0.71 | 11.9 | 2.0 | 0.3 | 0.42 | 2.1 | < 0.05 | 0.2 | 4.72 | 0.4 | 0.5 | < 2 | 3.5 | < 10 | 50 | 0.2 |
| 128882 | < 0.02 | 1.0 | 0.28 | 19.6 | 1.1 | < 0.2 | 0.10 | 3.6 | < 0.05 | 0.3 | 9.55 | 0.7 | 0.1 | < 2 | 5.3 | < 10 | 20 | 0.4 |
| 128883 | < 0.02 | 5.9 | 1.02 | 6.53 | 4.3 | 0.9 | 1.26 | 1.3 | < 0.05 | 0.1 | 3.69 | 0.4 | 7.1 | 2 | 2.0 | < 10 | < 10 | 0.1 |
| 128884 | < 0.02 | 0.8 | 0.12 | 8.50 | 1.1 | 1.5 | 0.12 | 1.6 | < 0.05 | 0.1 | 4.06 | 0.3 | 0.5 | < 2 | 2.4 | < 10 | 50 | 0.1 |
| 128885 | < 0.02 | 4.4 | 0.91 | 12.8 | 3.5 | 1.4 | 0.62 | 2.2 | < 0.05 | 0.2 | 5.22 | 0.4 | 0.9 | < 2 | 3.6 | < 10 | 50 | 0.2 |
| 128886 | < 0.02 | 1.9 | 0.27 | 13.4 | 1.7 | 0.9 | 0.18 | 2.3 | < 0.05 | 0.2 | 6.51 | 0.5 | 0.3 | < 2 | 3.7 | < 10 | 50 | 0.2 |
| 128887 | < 0.02 | 3.2 | 0.62 | 18.1 | 2.4 | 0.9 | 0.28 | 3.3 | < 0.05 | 0.3 | 7.32 | 0.6 | 0.4 | 2 | 5.2 | < 10 | 30 | 0.3 |
| 128888 | < 0.02 | 3.0 | 0.73 | 21.5 | 2.4 | 0.3 | 0.21 | 3.8 | < 0.05 | 0.3 | 8.57 | 0.6 | 0.6 | < 2 | 6.2 | < 10 | 20 | 0.3 |
| 128889 | < 0.02 | 7.3 | 1.62 | 12.3 | 7.1 | 0.6 | 0.57 | 2.2 | < 0.05 | 0.2 | 5.89 | 0.5 | 2.9 | 2 | 3.6 | < 10 | 10 | 0.2 |
| 128890 | < 0.02 | 1.7 | 0.29 | 15.3 | 1.7 | 1.0 | 0.21 | 2.6 | < 0.05 | 0.2 | 6.50 | 0.5 | 0.3 | < 2 | 4.3 | < 10 | 30 | 0.2 |
| 128891 | < 0.02 | 0.7 | 0.25 | 7.29 | 1.0 | < 0.2 | 0.23 | 1.2 | < 0.05 | 0.1 | 2.72 | 0.2 | 0.3 | < 2 | 2.1 | < 10 | 40 | < 0.1 |
| 128892 | < 0.02 | 2.4 | 0.67 | 9.65 | 1.5 | 0.6 | 0.35 | 1.8 | < 0.05 | 0.2 | 4.18 | 0.4 | 0.2 | < 2 | 2.8 | < 10 | 20 | 0.2 |
| 128893 | < 0.02 | 5.2 | 1.05 | 16.4 | 4.5 | < 0.2 | 0.49 | 3.0 | < 0.05 | 0.3 | 6.98 | 0.6 | 0.5 | < 2 | 4.6 | < 10 | 40 | 0.3 |
| 128894 | < 0.02 | 4.1 | 0.96 | 13.6 | 3.3 | 0.9 | 0.46 | 2.5 | < 0.05 | 0.3 | 6.72 | 0.5 | 1.0 | < 2 | 3.9 | < 10 | 20 | 0.2 |
| 128895 | 0.02 | 6.0 | 0.97 | 18.4 | 4.7 | 0.6 | 0.85 | 3.3 | < 0.05 | 0.3 | 8.17 | 0.7 | 0.4 | < 2 | 5.4 | < 10 | 20 | 0.3 |
| 128896 | < 0.02 | 5.8 | 1.12 | 19.8 | 5.1 | < 0.2 | 0.61 | 3.7 | < 0.05 | 0.4 | 8.23 | 0.7 | 0.7 | < 2 | 5.8 | < 10 | 10 | 0.3 |
| 128897 | < 0.02 | 5.9 | 1.26 | 20.2 | 4.8 | 0.6 | 0.46 | 3.7 | < 0.05 | 0.3 | 8.07 | 0.7 | 0.7 | < 2 | 5.7 | < 10 | 30 | 0.3 |
| 128898 | < 0.02 | 3.4 | 1.04 | 13.1 | 2.6 | < 0.2 | 0.35 | 2.5 | < 0.05 | 0.3 | 6.36 | 0.5 | 0.3 | < 2 | 3.8 | < 10 | < 10 | 0.2 |
| 128899 | < 0.02 | 5.2 | 1.28 | 9.17 | 4.5 | < 0.2 | 0.39 | 1.7 | < 0.05 | 0.2 | 4.61 | 0.4 | 0.8 | 4 | 2.7 | < 10 | 10 | 0.2 |
| 128900 | 0.02 | 16.9 | 1.07 | 13.4 | 8.6 | 0.3 | 1.56 | 2.7 | < 0.05 | 0.3 | 7.31 | 0.6 | 1.7 | < 2 | 3.7 | < 10 | 80 | 0.3 |
| 128901 | < 0.02 | 1.5 | 0.46 | 9.16 | 1.6 | 1.2 | 0.41 | 1.7 | < 0.05 | 0.2 | 3.43 | 0.3 | 0.3 | < 2 | 2.7 | < 10 | 40 | 0.1 |
| 128902 | < 0.02 | 0.8 | 0.21 | 6.12 | 1.1 | 0.9 | 0.30 | 1.1 | < 0.05 | 0.1 | 2.24 | 0.2 | 0.1 | < 2 | 1.8 | < 10 | 40 | < 0.1 |

Results

Activation Laboratories Ltd.

Report: A21-21310

| 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 |
| 128903 | < 0.02 | 4.9 | 1.21 | 12.2 | 3.9 | 0.9 | 0.55 | 2.3 | < 0.05 | 0.2 | 5.39 | 0.5 | 0.8 | 2 | 3.7 | < 10 | 20 | 0.2 |
| 128904 | < 0.02 | 7.2 | 1.23 | 15.8 | 6.1 | 1.2 | 0.46 | 2.9 | < 0.05 | 0.3 | 7.47 | 0.6 | 0.7 | < 2 | 4.7 | < 10 | 20 | 0.3 |
| 128905 | < 0.02 | 1.3 | 0.56 | 29.7 | 1.5 | 0.9 | 0.24 | 5.0 | < 0.05 | 0.5 | 10.2 | 0.8 | 0.3 | < 2 | 8.6 | < 10 | 90 | 0.4 |
| 128906 | < 0.02 | 7.1 | 1.44 | 23.4 | 6.9 | 0.3 | 0.51 | 4.2 | < 0.05 | 0.4 | 10.9 | 1.0 | 0.7 | < 2 | 7.0 | < 10 | 50 | 0.4 |
| 128907 | < 0.02 | 1.2 | 0.82 | 72.2 | 1.5 | 1.5 | 0.15 | 11.4 | < 0.05 | 0.9 | 22.2 | 1.6 | 0.3 | < 2 | 21.9 | < 10 | 60 | 0.8 |
| 128908 | < 0.02 | 0.7 | 0.80 | 61.3 | 1.1 | 0.6 | 0.20 | 9.4 | < 0.05 | 0.8 | 17.1 | 1.3 | 0.6 | < 2 | 19.3 | < 10 | 150 | 0.6 |
| 128909 | < 0.02 | 5.3 | 0.87 | 29.7 | 4.8 | 0.9 | 0.46 | 5.0 | < 0.05 | 0.4 | 10.1 | 0.8 | 0.2 | < 2 | 8.5 | < 10 | 80 | 0.4 |
| 128910 | < 0.02 | 0.9 | 0.26 | 23.1 | 1.0 | 1.2 | 0.12 | 3.7 | < 0.05 | 0.3 | 5.84 | 0.4 | 0.1 | < 2 | 6.8 | < 10 | 20 | 0.2 |
| 128911 | < 0.02 | 1.4 | 0.49 | 37.4 | 1.5 | 0.9 | 0.21 | 6.2 | < 0.05 | 0.6 | 12.7 | 0.9 | 0.3 | < 2 | 11.5 | < 10 | 70 | 0.5 |
| 128912 | < 0.02 | 4.2 | 1.10 | 23.5 | 4.0 | 0.9 | 0.45 | 3.8 | < 0.05 | 0.3 | 6.56 | 0.5 | 1.3 | < 2 | 6.9 | < 10 | 40 | 0.3 |
| 128913 | 0.02 | 2.2 | 0.93 | 32.5 | 2.4 | 0.6 | 0.72 | 5.4 | < 0.05 | 0.5 | 11.3 | 0.8 | 0.8 | < 2 | 9.8 | < 10 | 110 | 0.4 |
| 128914 | < 0.02 | 0.6 | 0.26 | 7.16 | 0.9 | 0.7 | 0.14 | 1.2 | < 0.05 | 0.1 | 2.21 | 0.2 | < 0.1 | < 2 | 2.2 | < 10 | 50 | < 0.1 |
| 128915 | < 0.02 | 1.5 | 0.48 | 19.9 | 1.3 | 1.5 | 0.13 | 3.0 | < 0.05 | 0.3 | 5.09 | 0.4 | 0.1 | 2 | 6.3 | < 10 | 30 | 0.2 |
| 128916 | < 0.02 | 0.7 | 0.22 | 16.9 | 1.0 | 0.3 | 0.12 | 2.4 | < 0.05 | 0.2 | 3.91 | 0.2 | < 0.1 | < 2 | 5.5 | < 10 | 50 | 0.2 |
| 128917 | < 0.02 | 0.8 | 0.32 | 18.5 | 1.0 | 0.3 | 0.14 | 2.7 | < 0.05 | 0.2 | 4.20 | 0.3 | < 0.1 | < 2 | 6.0 | < 10 | 50 | 0.2 |
| 128918 | < 0.02 | 1.0 | 0.70 | 59.2 | 1.4 | 0.3 | 0.15 | 8.2 | < 0.05 | 0.7 | 13.6 | 0.9 | 0.2 | < 2 | 19.2 | < 10 | 90 | 0.5 |
| 128919 | < 0.02 | 1.8 | 1.08 | 56.4 | 1.8 | 0.6 | 0.22 | 8.5 | < 0.05 | 0.7 | 11.8 | 0.7 | 0.6 | < 2 | 17.5 | < 10 | 130 | 0.5 |
| 128920 | 0.02 | 0.6 | 0.20 | 15.2 | 1.1 | 0.6 | 0.15 | 2.3 | < 0.05 | 0.2 | 4.62 | 0.3 | < 0.1 | < 2 | 4.7 | < 10 | 50 | 0.2 |
| 128921 | < 0.02 | 1.4 | 0.53 | 10.9 | 1.5 | 1.2 | 0.20 | 1.9 | < 0.05 | 0.2 | 3.58 | 0.3 | 0.1 | 2 | 3.3 | < 10 | 50 | 0.1 |
| 128922 | < 0.02 | 3.5 | 1.32 | 46.5 | 3.3 | 0.6 | 0.31 | 7.6 | < 0.05 | 0.7 | 16.3 | 1.1 | 0.7 | < 2 | 14.5 | < 10 | 90 | 0.6 |
| 128923 | < 0.02 | 1.6 | 0.58 | 60.8 | 1.6 | < 0.2 | 0.20 | 8.8 | < 0.05 | 0.6 | 13.4 | 0.8 | 0.3 | < 2 | 18.8 | < 10 | 70 | 0.5 |
| 128924 | 0.02 | 2.0 | 0.95 | 22.3 | 2.3 | 1.8 | 0.55 | 3.7 | < 0.05 | 0.3 | 6.94 | 0.5 | 0.4 | < 2 | 6.9 | < 10 | 160 | 0.3 |
| 128925 | < 0.02 | 0.3 | 0.16 | 0.82 | < 0.1 | < 0.2 | 0.42 | 0.2 | < 0.05 | < 0.1 | 0.30 | < 0.1 | 0.3 | < 2 | 0.2 | < 10 | 10 | < 0.1 |
| 128926 | < 0.02 | 3.9 | 0.97 | 58.8 | 3.2 | 1.2 | 0.27 | 9.5 | < 0.05 | 0.8 | 19.9 | 1.4 | 0.6 | < 2 | 17.2 | < 10 | 80 | 0.7 |
| 128927 | < 0.02 | 1.3 | 0.46 | 62.7 | 2.4 | 1.2 | 0.23 | 9.8 | < 0.05 | 0.7 | 21.4 | 1.5 | 1.2 | < 2 | 17.8 | < 10 | 70 | 0.7 |
| 128928 | < 0.02 | 3.9 | 0.90 | 17.5 | 2.2 | 2.0 | 0.51 | 3.0 | < 0.05 | 0.3 | 6.11 | 0.5 | 0.3 | < 2 | 5.1 | < 10 | 40 | 0.2 |
| 128929 | < 0.02 | 1.9 | 0.34 | 13.6 | 2.5 | 1.5 | 0.30 | 2.3 | < 0.05 | 0.2 | 6.21 | 0.4 | < 0.1 | 3 | 3.9 | < 10 | 30 | 0.2 |
| 128930 | < 0.02 | 3.1 | 1.11 | 15.6 | 2.3 | 0.9 | 0.41 | 2.7 | < 0.05 | 0.2 | 5.87 | 0.5 | 0.9 | 3 | 4.5 | < 10 | 70 | 0.2 |
| 128931 | < 0.02 | 1.3 | 0.47 | 16.6 | 1.4 | 1.5 | 0.38 | 2.8 | < 0.05 | 0.2 | 5.64 | 0.5 | 0.1 | < 2 | 4.8 | < 10 | 90 | 0.2 |
| 128932 | 0.03 | 4.3 | 1.00 | 25.3 | 3.8 | 2.5 | 1.11 | 4.6 | < 0.05 | 0.4 | 9.29 | 0.7 | 0.4 | < 2 | 7.0 | < 10 | 90 | 0.4 |
| 128933 | 0.04 | 9.3 | 1.18 | 17.3 | 5.8 | < 0.2 | 3.03 | 2.9 | < 0.05 | 0.2 | 6.52 | 0.6 | 4.8 | 30 | 5.1 | 20 | 20 | 0.2 |
| 128934 | < 0.02 | 3.8 | 0.84 | 16.3 | 2.8 | 0.3 | 0.39 | 2.9 | < 0.05 | 0.2 | 6.05 | 0.5 | 1.6 | < 2 | 4.6 | < 10 | 30 | 0.2 |
| 128935 | < 0.02 | 9.1 | 0.98 | 15.4 | 7.7 | 0.3 | 0.63 | 2.9 | < 0.05 | 0.3 | 7.31 | 0.7 | 10.2 | 2 | 4.4 | < 10 | < 10 | 0.3 |
| 128936 | < 0.02 | 4.9 | 0.76 | 27.2 | 3.2 | < 0.2 | 0.35 | 4.9 | < 0.05 | 0.4 | 10.1 | 0.8 | 2.0 | < 2 | 7.8 | < 10 | 30 | 0.4 |
| 128937 | < 0.02 | 3.4 | 0.99 | 9.22 | 2.0 | 0.3 | 0.34 | 1.7 | < 0.05 | 0.2 | 4.04 | 0.3 | 1.2 | < 2 | 2.7 | < 10 | 20 | 0.2 |
| 128938 | < 0.02 | 5.0 | 0.98 | 18.7 | 3.8 | 0.9 | 0.49 | 3.4 | < 0.05 | 0.3 | 6.71 | 0.6 | 0.6 | < 2 | 5.3 | < 10 | 30 | 0.3 |
| 128939 | < 0.02 | 5.4 | 1.09 | 19.5 | 5.1 | 0.9 | 0.53 | 3.4 | < 0.05 | 0.3 | 6.87 | 0.6 | 0.6 | < 2 | 5.5 | < 10 | 50 | 0.3 |
| 128940 | < 0.02 | 7.5 | 1.31 | 19.0 | 6.8 | 0.3 | 0.58 | 3.3 | < 0.05 | 0.3 | 8.21 | 0.7 | 0.9 | < 2 | 5.7 | < 10 | 20 | 0.3 |
| 128941 | < 0.02 | 7.6 | 1.32 | 19.6 | 6.9 | 1.4 | 0.57 | 3.4 | < 0.05 | 0.3 | 8.20 | 0.7 | 0.9 | < 2 | 5.9 | < 10 | 20 | 0.3 |
| 128942 | < 0.02 | 6.9 | 1.28 | 16.8 | 6.3 | 0.9 | 0.65 | 3.0 | < 0.05 | 0.3 | 7.19 | 0.6 | 1.1 | < 2 | 5.1 | < 10 | 20 | 0.3 |
| 128943 | < 0.02 | 5.7 | 1.15 | 13.9 | 5.0 | 0.3 | 0.47 | 2.5 | < 0.05 | 0.2 | 5.92 | 0.5 | 1.3 | < 2 | 4.2 | < 10 | 10 | 0.2 |
| 128944 | < 0.02 | 5.7 | 1.32 | 13.4 | 5.0 | < 0.2 | 0.48 | 2.5 | < 0.05 | 0.2 | 5.98 | 0.6 | 1.5 | < 2 | 4.0 | < 10 | < 10 | 0.2 |
| 128945 | < 0.02 | 8.1 | 1.41 | 17.7 | 7.8 | 0.6 | 0.71 | 3.3 | < 0.05 | 0.3 | 8.16 | 0.7 | 1.4 | < 2 | 5.3 | < 10 | < 10 | 0.3 |
| 128946 | < 0.02 | 4.2 | 1.04 | 17.9 | 2.9 | 1.2 | 0.40 | 3.2 | < 0.05 | 0.3 | 7.83 | 0.7 | 0.9 | < 2 | 5.3 | < 10 | 20 | 0.3 |
| 128947 | 0.03 | 6.1 | 1.41 | 26.5 | 4.9 | 0.6 | 1.05 | 4.7 | < 0.05 | 0.4 | 10.1 | 0.8 | 1.1 | < 2 | 8.0 | < 10 | 80 | 0.4 |
| 128948 | < 0.02 | 0.8 | 0.44 | 13.4 | 1.6 | 0.3 | 0.26 | 2.4 | < 0.05 | 0.2 | 5.00 | 0.4 | 0.2 | 3 | 4.1 | < 10 | 110 | 0.2 |
| 128949 | < 0.02 | 5.0 | 0.69 | 38.6 | 4.7 | 0.6 | 0.34 | 7.2 | < 0.05 | 0.6 | 13.2 | 1.1 | 1.7 | < 2 | 11.4 | < 10 | 20 | 0.5 |
| 128950 | < 0.02 | 5.6 | 0.96 | 6.24 | 4.2 | 0.7 | 1.21 | 1.3 | < 0.05 | 0.1 | 3.77 | 0.4 | 9.4 | 3 | 2.0 | < 10 | < 10 | 0.1 |
| 128951 | < 0.02 | 1.7 | 0.38 | 32.5 | 1.6 | 1.0 | 0.10 | 5.9 | < 0.05 | 0.5 | 13.3 | 1.1 | 3.0 | < 2 | 9.4 | < 10 | 40 | 0.5 |
| 128952 | < 0.02 | 4.0 | 0.88 | 27.5 | 3.0 | 0.9 | 0.61 | 5.2 | < 0.05 | 0.5 | 12.1 | 0.9 | 0.5 | < 2 | 8.2 | < 10 | 70 | 0.5 |
| 128953 | < 0.02 | 4.0 | 0.88 | 39.5 | 2.9 | 3.5 | 0.45 | 7.4 | < 0.05 | 0.7 | 18.3 | 1.4 | 0.3 | < 2 | 11.8 | < 10 | 50 | 0.7 |

| 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 |
| 128954 | < 0.02 | 2.0 | 0.66 | 23.7 | 2.5 | 0.3 | 0.41 | 4.5 | < 0.05 | 0.4 | 8.56 | 0.6 | 0.4 | < 2 | 6.9 | < 10 | 80 | 0.3 |
| 128955 | < 0.02 | 2.1 | 0.50 | 29.4 | 1.9 | 0.3 | 0.46 | 5.5 | < 0.05 | 0.5 | 12.5 | 0.8 | 0.2 | < 2 | 8.6 | < 10 | 40 | 0.4 |
| 128956 | < 0.02 | 4.7 | 0.35 | 39.3 | 3.6 | 1.2 | 0.40 | 7.3 | < 0.05 | 0.7 | 18.0 | 1.3 | 0.1 | < 2 | 11.6 | < 10 | 30 | 0.7 |
| 128957 | 0.02 | 3.2 | 0.90 | 35.5 | 2.5 | 2.1 | 0.58 | 6.7 | < 0.05 | 0.6 | 14.2 | 1.0 | 0.3 | < 2 | 10.6 | < 10 | 70 | 0.5 |
| 128958 | < 0.02 | 1.3 | 0.31 | 11.9 | 1.4 | 0.3 | 0.25 | 2.2 | < 0.05 | 0.2 | 3.83 | 0.2 | < 0.1 | < 2 | 3.7 | < 10 | 30 | 0.2 |
| 128959 | < 0.02 | 1.4 | 0.29 | 12.6 | 1.2 | 0.3 | 0.20 | 2.4 | < 0.05 | 0.2 | 3.98 | 0.2 | < 0.1 | < 2 | 3.8 | < 10 | 30 | 0.2 |
| 128960 | < 0.02 | 1.1 | 0.23 | 64.2 | 1.3 | 0.6 | 0.18 | 11.5 | < 0.05 | 1.0 | 20.8 | 0.8 | 0.2 | < 2 | 20.3 | < 10 | 20 | 0.7 |
| 128961 | < 0.02 | 2.0 | 0.45 | 46.8 | 2.1 | 0.6 | 0.40 | 8.7 | < 0.05 | 0.8 | 19.5 | 1.1 | 0.2 | 2 | 14.2 | < 10 | 70 | 0.7 |
| 128962 | < 0.02 | 1.8 | 0.46 | 38.4 | 1.2 | < 0.2 | 0.17 | 7.6 | < 0.05 | 0.6 | 14.5 | 0.9 | 0.3 | < 2 | 11.3 | < 10 | 50 | 0.6 |
| 128963 | 0.02 | 1.0 | 0.38 | 22.0 | 1.4 | 0.3 | 0.54 | 4.5 | < 0.05 | 0.4 | 8.28 | 0.5 | 0.3 | < 2 | 6.4 | < 10 | 60 | 0.3 |
| 128964 | < 0.02 | 1.4 | 0.29 | 12.3 | 1.6 | 0.9 | 0.15 | 2.3 | < 0.05 | 0.2 | 5.19 | 0.4 | 0.2 | < 2 | 3.8 | < 10 | 90 | 0.2 |
| 128965 | < 0.02 | 3.1 | 0.53 | 13.4 | 2.3 | 0.6 | 0.35 | 2.5 | < 0.05 | 0.2 | 5.18 | 0.4 | 0.1 | < 2 | 4.1 | < 10 | 40 | 0.2 |
| 128966 | < 0.02 | 0.4 | 0.05 | 8.62 | 1.1 | 1.2 | 0.08 | 1.6 | < 0.05 | 0.2 | 5.28 | 0.4 | 0.2 | < 2 | 2.6 | < 10 | 60 | 0.2 |
| 128967 | < 0.02 | 3.0 | 0.54 | 13.6 | 1.8 | 0.6 | 0.30 | 2.5 | < 0.05 | 0.2 | 5.33 | 0.4 | 0.1 | < 2 | 4.1 | < 10 | 50 | 0.2 |
| 128968 | < 0.02 | 1.0 | 0.57 | 29.3 | 1.8 | 0.5 | 0.29 | 5.1 | < 0.05 | 0.5 | 11.4 | 0.8 | 0.3 | < 2 | 9.1 | < 10 | 150 | 0.5 |
| 128969 | < 0.02 | 0.9 | 0.28 | 6.46 | 1.3 | 0.5 | 0.19 | 1.2 | < 0.05 | 0.1 | 2.19 | 0.2 | < 0.1 | < 2 | 2.0 | < 10 | 30 | < 0.1 |
| 128970 | < 0.02 | 2.3 | 1.09 | 49.7 | 2.6 | 1.1 | 0.46 | 9.5 | < 0.05 | 0.8 | 19.4 | 1.4 | 0.4 | < 2 | 14.9 | < 10 | 80 | 0.8 |
| 128971 | < 0.02 | 0.8 | 0.36 | 20.7 | 1.4 | 0.8 | 0.18 | 3.8 | < 0.05 | 0.3 | 8.12 | 0.6 | 0.2 | < 2 | 6.1 | < 10 | 30 | 0.3 |
| 128972 | < 0.02 | 0.3 | 0.17 | 5.25 | 1.3 | 0.8 | 0.33 | 1.0 | < 0.05 | < 0.1 | 1.86 | 0.2 | 0.1 | < 2 | 1.6 | < 10 | 90 | < 0.1 |
| 128973 | < 0.02 | 2.8 | 0.54 | 16.0 | 1.9 | 1.5 | 0.30 | 3.1 | < 0.05 | 0.2 | 5.39 | 0.4 | 0.1 | < 2 | 4.9 | < 10 | 10 | 0.2 |
| 128974 | < 0.02 | 0.3 | 0.10 | 58.4 | 0.9 | 0.3 | 0.06 | 12.3 | < 0.05 | 1.0 | 12.6 | 0.7 | 0.2 | < 2 | 18.4 | < 10 | 30 | 0.6 |
| 128975 | 0.07 | 31.1 | 2.71 | 32.1 | 36.7 | 0.5 | 2.57 | 6.5 | < 0.05 | 0.6 | 13.2 | 1.1 | 2.9 | < 2 | 9.1 | < 10 | 70 | 0.6 |
| 128976 | < 0.02 | 2.9 | 0.54 | 14.7 | 1.7 | 0.5 | 0.27 | 2.7 | < 0.05 | 0.2 | 4.96 | 0.3 | 0.2 | 3 | 4.3 | < 10 | 20 | 0.2 |
| 128977 | < 0.02 | 2.6 | 0.67 | 10.7 | 2.1 | 0.6 | 0.32 | 2.0 | < 0.05 | 0.1 | 3.46 | 0.3 | 0.2 | < 2 | 3.1 | < 10 | 30 | 0.1 |
| 128978 | < 0.02 | 2.1 | 0.54 | 13.5 | 1.7 | 0.8 | 0.20 | 2.4 | < 0.05 | 0.2 | 3.89 | 0.3 | 0.2 | < 2 | 3.9 | < 10 | 10 | 0.2 |
| 128979 | < 0.02 | 4.8 | 1.12 | 22.4 | 3.9 | 1.2 | 0.53 | 3.9 | < 0.05 | 0.3 | 8.07 | 0.6 | 0.5 | < 2 | 6.6 | < 10 | 30 | 0.3 |
| 128980 | < 0.02 | 0.9 | 0.53 | 18.4 | 1.2 | 0.5 | 0.17 | 3.3 | < 0.05 | 0.3 | 7.74 | 0.6 | 0.2 | 2 | 5.4 | < 10 | 70 | 0.3 |
| 128981 | < 0.02 | 2.2 | 0.51 | 9.41 | 2.8 | 1.4 | 0.39 | 1.6 | < 0.05 | 0.1 | 3.34 | 0.2 | < 0.1 | < 2 | 2.8 | < 10 | 50 | 0.1 |
| 128982 | < 0.02 | 2.6 | 0.56 | 11.6 | 2.8 | 1.3 | 0.25 | 2.1 | < 0.05 | 0.2 | 4.96 | 0.4 | 0.3 | < 2 | 3.4 | < 10 | 120 | 0.2 |
| 128983 | < 0.02 | 0.2 | 0.17 | 0.81 | 0.1 | < 0.2 | 0.44 | 0.2 | < 0.05 | < 0.1 | 0.27 | < 0.1 | 0.3 | < 2 | 0.2 | < 10 | < 10 | < 0.1 |
| 128984 | < 0.02 | 3.2 | 0.97 | 12.0 | 2.8 | < 0.2 | 0.37 | 2.2 | < 0.05 | 0.2 | 4.94 | 0.4 | 0.6 | < 2 | 3.5 | < 10 | < 10 | 0.2 |
| 128985 | < 0.02 | 1.4 | 0.51 | 23.9 | 1.5 | 1.1 | 0.18 | 3.9 | < 0.05 | 0.3 | 8.70 | 0.7 | 1.9 | < 2 | 6.8 | < 10 | 50 | 0.3 |
| 128986 | < 0.02 | 2.8 | 0.71 | 13.7 | 2.2 | 0.7 | 0.52 | 2.5 | < 0.05 | 0.2 | 5.03 | 0.4 | 0.2 | < 2 | 4.0 | < 10 | < 10 | 0.2 |
| 128987 | < 0.02 | 3.0 | 1.05 | 12.4 | 2.1 | 0.3 | 0.38 | 2.1 | < 0.05 | 0.2 | 4.14 | 0.3 | 2.5 | < 2 | 3.3 | < 10 | 20 | 0.2 |
| 128988 | < 0.02 | 5.5 | 1.32 | 19.4 | 5.3 | 0.5 | 0.56 | 3.5 | < 0.05 | 0.3 | 7.34 | 0.6 | 1.4 | < 2 | 5.4 | < 10 | 10 | 0.3 |
| 128989 | < 0.02 | 0.6 | 0.41 | 8.59 | 1.2 | 1.1 | 0.31 | 1.5 | < 0.05 | 0.1 | 2.93 | 0.2 | 0.2 | < 2 | 2.6 | < 10 | 60 | 0.1 |
| 128990 | < 0.02 | 1.3 | 0.49 | 23.5 | 1.6 | 1.6 | 0.61 | 3.9 | < 0.05 | 0.3 | 7.01 | 0.5 | 0.2 | < 2 | 6.9 | < 10 | 160 | 0.3 |
| 128991 | < 0.02 | 2.6 | 0.94 | 16.1 | 1.8 | 1.3 | 0.58 | 2.7 | < 0.05 | 0.2 | 5.89 | 0.5 | 0.4 | < 2 | 4.6 | < 10 | 40 | 0.2 |
| 128992 | < 0.02 | 0.7 | 0.52 | 78.6 | 1.2 | 0.8 | 0.27 | 11.9 | < 0.05 | 0.7 | 16.4 | 1.1 | 0.3 | < 2 | 23.4 | < 10 | 40 | 0.6 |
| 128993 | < 0.02 | 2.7 | 0.88 | 17.7 | 2.1 | 0.3 | 0.53 | 3.0 | < 0.05 | 0.2 | 6.13 | 0.4 | 0.1 | < 2 | 5.1 | < 10 | 40 | 0.2 |
| 128994 | < 0.02 | 1.9 | 0.72 | 28.8 | 2.4 | 1.1 | 0.72 | 4.7 | < 0.05 | 0.3 | 9.45 | 0.6 | 0.1 | < 2 | 8.5 | < 10 | 70 | 0.3 |
| 128995 | 0.02 | 4.1 | 0.94 | 28.8 | 3.7 | 2.1 | 0.63 | 4.9 | < 0.05 | 0.4 | 10.6 | 0.8 | 0.2 | < 2 | 8.4 | < 10 | 20 | 0.4 |
| 128996 | < 0.02 | 0.8 | 0.35 | 8.38 | 1.6 | 0.5 | 0.26 | 1.5 | < 0.05 | 0.1 | 2.55 | 0.2 | < 0.1 | < 2 | 2.6 | < 10 | 40 | 0.1 |
| 128997 | < 0.02 | 1.0 | 0.41 | 17.8 | 1.3 | 0.8 | 0.41 | 2.6 | < 0.05 | 0.2 | 4.47 | 0.3 | 0.1 | < 2 | 5.3 | < 10 | 110 | 0.2 |
| 128998 | < 0.02 | 1.4 | 0.56 | 22.4 | 1.6 | 0.3 | 0.50 | 3.4 | < 0.05 | 0.3 | 5.66 | 0.4 | 1.4 | 3 | 6.6 | < 10 | 70 | 0.2 |
| 128999 | < 0.02 | 1.3 | 0.63 | 25.9 | 1.4 | 0.8 | 0.34 | 4.1 | < 0.05 | 0.3 | 6.83 | 0.5 | 0.4 | < 2 | 7.6 | < 10 | 60 | 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 45d (Aqua Regia) Meas | 17.1 | | 5.61 | 4.2 | | 82.7 | 0.28 | 0.09 | | 26.8 | 506 | | 344 | | | | 13.9 | 16.9 | 0.10 | 10.7 | | 0.17 | 411 |
| OREAS 45d (Aqua Regia) Cert | 21 | | 4.86 | 6.50 | | 80 | 0.30 | 0.09 | | 26.2 | 467 | | 345 | | | | 13.7 | 17.9 | 0.097 | 9.96 | | 0.144 | 400 |
| OREAS 45d (Aqua Regia) Meas | 18.9 | | 5.25 | 5.1 | | 84.8 | 0.28 | 0.09 | | 26.6 | 462 | | 339 | | | | 13.2 | 16.2 | 0.10 | 9.9 | | 0.16 | 405 |
| OREAS 45d (Aqua Regia) Cert | 21 | | 4.86 | 6.50 | | 80 | 0.30 | 0.09 | | 26.2 | 467 | | 345 | | | | 13.7 | 17.9 | 0.097 | 10.0 | | 0.144 | 400 |
| OREAS 922 (AQUA REGIA) Meas | | 0.812 | 2.50 | 7.4 | | 62.5 | 11.7 | 0.36 | 0.25 | 19.4 | 43 | 1.88 | 2210 | | | | 5.14 | 7.41 | 0.40 | 33.3 | | 1.25 | 764 |
| 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 923 (AQUA REGIA) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 923 (AQUA REGIA) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 102 | 1.30 | 1.07 | 36.9 | | 237 | 23.0 | 0.24 | 0.56 | 43.4 | 8 | 1.22 | 6260 | 0.5 | 1.1 | 2.0 | 7.96 | 16.4 | 0.32 | 33.6 | < 0.1 | 0.22 | 310 |
| OREAS 907 (Aqua Regia) Cert | 101 | 1.30 | 0.945 | 37.0 | | 225 | 22.3 | 0.280 | 0.540 | 43.7 | 8.59 | 1.17 | 6370 | 0.430 | 0.950 | 1.63 | 8.18 | 14.7 | 0.286 | 36.1 | 0.0390 | 0.221 | 330 |
| Oreas 621 (Aqua Regia) Meas | 1320 | 64.5 | 1.55 | 68.6 | | | 3.93 | 1.45 | 257 | 27.3 | 28 | 1.01 | 3500 | | | | 3.22 | 8.91 | 0.30 | 17.3 | < 0.1 | 0.41 | 498 |
| Oreas 621 (Aqua Regia) Cert | 1230 | 68.0 | 1.60 | 75.0 | | | 3.85 | 1.65 | 278 | 27.9 | 31.3 | 1.01 | 3660 | | | | 3.43 | 9.29 | 0.333 | 19.4 | 0.0780 | 0.436 | 520 |
| OREAS 45f (Aqua Regia) Meas | | | 7.53 | | | 151 | 0.17 | 0.07 | | 40.9 | 379 | 2.24 | 338 | 0.7 | 0.5 | 1.5 | 14.5 | 22.3 | 0.09 | 11.7 | < 0.1 | 0.19 | 177 |
| OREAS 45f (Aqua Regia) Cert | | | 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 45f (Aqua Regia) Meas | | | 6.61 | | | 153 | 0.17 | 0.07 | | 38.7 | 360 | 1.88 | 336 | 0.7 | 0.5 | 1.6 | 14.4 | 21.9 | 0.09 | 11.2 | < 0.1 | 0.17 | 167 |
| OREAS 45f (Aqua Regia) Cert | | | 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 45f (Aqua Regia) Meas | | | 6.60 | | | 149 | 0.15 | 0.07 | | 39.8 | 344 | 1.70 | 331 | 0.7 | 0.5 | 1.5 | 13.8 | 21.3 | 0.09 | 10.1 | < 0.1 | 0.17 | 171 |
| OREAS 45f (Aqua Regia) Cert | | | 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 45f (Aqua Regia) Meas | | | 6.75 | | | 157 | 0.16 | 0.07 | | 41.8 | 366 | 1.85 | 350 | 0.7 | 0.5 | 1.5 | 14.4 | 21.3 | 0.09 | 10.6 | < 0.1 | 0.18 | 178 |
| OREAS 45f (Aqua Regia) Cert | | | 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 | | 0.318 | 1.67 | 30.3 | | 190 | 0.55 | 0.97 | 0.28 | 31.5 | 53 | | 86.1 | 1.2 | 0.9 | 2.8 | 3.70 | 5.29 | 0.34 | | | 0.59 | 492 |
| OREAS 263 (Aqua Regia) Cert | | 0.285 | 1.29 | 30.8 | | 175 | 0.570 | 1.03 | 0.270 | 31.0 | 48.0 | | 87.0 | 1.29 | 0.850 | 2.64 | 3.68 | 4.92 | 0.288 | | | 0.593 | 490 |
| OREAS 130 (Aqua Regia) Meas | | 6.29 | 1.13 | 188 | | | 2.97 | 1.61 | 28.0 | 25.9 | 24 | 2.93 | 221 | | | | 7.03 | 4.69 | 0.48 | 22.5 | 0.2 | 0.89 | 1600 |
| 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 130 (Aqua Regia) Meas | | 5.98 | 1.03 | 192 | | | 2.92 | 1.55 | 28.0 | 25.4 | 24 | 2.83 | 216 | | | | 6.79 | 4.48 | 0.46 | 21.7 | 0.2 | 0.85 | 1560 |

| 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 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 130 (Aqua Regia) Meas | | 6.05 | 1.07 | 194 | | | 3.05 | 1.56 | 29.7 | 26.6 | 23 | 2.77 | 225 | | | | 7.02 | 4.58 | 0.49 | 21.7 | 0.2 | 0.87 | 1660 |
| 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 623 (Aqua Regia) Meas | 796 | 19.6 | 1.52 | 74.3 | | | 17.8 | 0.97 | 52.1 | 213 | 20 | 0.78 | > 10000 | | | | 12.4 | 11.3 | 0.16 | 16.6 | 0.1 | 1.02 | 550 |
| Oreas 623 (Aqua Regia) Cert | 797 | 20.4 | 1.80 | 76.0 | | | 16.9 | 1.09 | 52.0 | 216 | 19.4 | 0.750 | 17200 | | | | 13.0 | 11.9 | 0.175 | 17.9 | 0.120 | 1.11 | 570 |
| Oreas 623 (Aqua Regia) Meas | 660 | 19.2 | 1.55 | 70.3 | | | 16.4 | 0.95 | 49.3 | 200 | 19 | 0.70 | > 10000 | | | | 11.9 | 11.9 | 0.16 | 15.2 | 0.1 | 1.00 | 524 |
| Oreas 623 (Aqua Regia) Cert | 797 | 20.4 | 1.80 | 76.0 | | | 16.9 | 1.09 | 52.0 | 216 | 19.4 | 0.750 | 17200 | | | | 13.0 | 11.9 | 0.175 | 17.9 | 0.120 | 1.11 | 570 |
| OREAS 521 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | | | | | | |
| OREAS 521 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 610 (Aqua Regia) Meas | | 48.0 | 1.08 | 2750 | | | 227 | 0.11 | 11.5 | 7.4 | 33 | 0.73 | 9450 | | | | 2.14 | 7.30 | 0.27 | 5.3 | | 0.11 | 66 |
| Oreas 610 (Aqua Regia) Cert | | 48.4 | 0.847 | 2810 | | | 220 | 0.12 | 12.3 | 7.7 | 33 | 0.74 | 9720 | | | | 2.27 | 6.36 | 0.21 | 6.7 | | 0.11 | 66 |
| 128805 Orig | 1.0 | 0.156 | 1.45 | 2.8 | 5 | 36.0 | 0.16 | 0.22 | 0.51 | 3.5 | 18 | 0.69 | 13.7 | 1.1 | 0.7 | 2.6 | 1.18 | 3.42 | 0.04 | 35.0 | 0.1 | 0.11 | 129 |
| 128805 Dup | 0.8 | 0.163 | 1.45 | 2.7 | 4 | 36.6 | 0.18 | 0.22 | 0.53 | 3.6 | 19 | 0.69 | 13.8 | 1.0 | 0.7 | 2.7 | 1.18 | 3.40 | 0.04 | 35.9 | 0.1 | 0.11 | 133 |
| 128823 Orig | 0.8 | 0.030 | 0.66 | 1.7 | 2 | 15.4 | 0.06 | 0.12 | 0.36 | 5.9 | 14 | 0.35 | 4.0 | 0.6 | 0.4 | 1.4 | 2.81 | 1.38 | 0.02 | 22.9 | < 0.1 | 0.08 | 793 |
| 128823 Dup | 0.5 | 0.036 | 0.62 | 1.4 | 4 | 15.3 | 0.06 | 0.12 | 0.36 | 5.6 | 13 | 0.36 | 4.0 | 0.6 | 0.4 | 1.4 | 2.71 | 1.12 | 0.02 | 22.2 | < 0.1 | 0.07 | 788 |
| 128841 Orig | 0.4 | 0.023 | 0.53 | 1.2 | 3 | 24.6 | 0.07 | 0.25 | 0.11 | 2.9 | 20 | 0.65 | 3.4 | 0.6 | 0.4 | 1.5 | 0.87 | 2.05 | 0.05 | 17.0 | < 0.1 | 0.19 | 158 |
| 128841 Dup | 0.6 | 0.023 | 0.51 | 1.4 | 3 | 24.7 | 0.07 | 0.25 | 0.14 | 2.8 | 20 | 0.62 | 3.2 | 0.7 | 0.4 | 1.5 | 0.85 | 2.17 | 0.05 | 17.3 | < 0.1 | 0.19 | 156 |
| 128861 Orig | 0.9 | 0.025 | 0.63 | 2.4 | 3 | 31.0 | 0.11 | 0.19 | 0.23 | 5.4 | 17 | 0.60 | 3.3 | 0.6 | 0.3 | 1.3 | 2.27 | 1.72 | 0.04 | 15.3 | < 0.1 | 0.13 | 991 |
| 128861 Dup | < 0.2 | 0.027 | 0.62 | 2.3 | 3 | 30.3 | 0.10 | 0.19 | 0.21 | 5.3 | 18 | 0.59 | 3.4 | 0.6 | 0.4 | 1.3 | 2.24 | 1.99 | 0.04 | 15.5 | < 0.1 | 0.13 | 979 |
| 128874 Orig | 2.0 | 0.101 | 0.58 | 1.2 | 3 | 39.9 | 0.08 | 0.30 | 0.38 | 1.5 | 12 | 0.47 | 7.0 | 0.5 | 0.3 | 1.1 | 0.76 | 2.49 | 0.02 | 14.6 | < 0.1 | 0.07 | 80 |
| 128874 Dup | 1.6 | 0.118 | 0.60 | 1.2 | 3 | 42.7 | 0.08 | 0.31 | 0.29 | 1.5 | 13 | 0.48 | 7.1 | 0.6 | 0.4 | 1.1 | 0.78 | 2.72 | 0.03 | 15.1 | < 0.1 | 0.07 | 83 |
| 128885 Orig | 2.9 | 0.048 | 0.50 | 1.9 | 3 | 29.9 | 0.12 | 0.19 | 0.32 | 2.1 | 13 | 0.58 | 5.3 | 0.5 | 0.3 | 1.1 | 0.58 | 2.05 | 0.04 | 14.1 | < 0.1 | 0.13 | 76 |
| 128885 Dup | 2.3 | 0.054 | 0.51 | 2.2 | 3 | 30.3 | 0.12 | 0.20 | 0.25 | 2.1 | 13 | 0.55 | 5.5 | 0.5 | 0.3 | 1.1 | 0.59 | 2.08 | 0.03 | 14.3 | < 0.1 | 0.13 | 75 |
| 128898 Orig | 1.2 | 0.021 | 0.44 | 1.1 | 3 | 16.7 | 0.04 | 0.20 | 0.13 | 3.1 | 10 | 0.30 | 2.9 | 0.6 | 0.3 | 1.3 | 0.73 | 1.37 | 0.03 | 13.3 | < 0.1 | 0.10 | 92 |
| 128898 Dup | 0.8 | 0.015 | 0.45 | 1.3 | 2 | 17.1 | 0.04 | 0.21 | 0.12 | 3.1 | 11 | 0.37 | 3.0 | 0.6 | 0.3 | 1.4 | 0.75 | 1.24 | 0.03 | 14.0 | < 0.1 | 0.11 | 94 |
| 128914 Orig | 0.7 | 0.084 | 0.32 | 0.7 | 2 | 18.7 | 0.03 | 0.15 | 0.36 | 0.5 | 5 | 0.18 | 9.8 | 0.2 | 0.2 | 0.6 | 0.09 | 1.86 | 0.01 | 9.1 | < 0.1 | 0.02 | 11 |
| 128914 Dup | 1.2 | 0.091 | 0.32 | 0.6 | 2 | 18.5 | 0.03 | 0.15 | 0.36 | 0.5 | 5 | 0.18 | 10.0 | 0.2 | 0.2 | 0.5 | 0.09 | 1.74 | < 0.01 | 9.0 | < 0.1 | 0.02 | 11 |
| 128927 Orig | 2.0 | 0.081 | 0.60 | 7.0 | 4 | 37.5 | 0.08 | 0.24 | 0.37 | 9.5 | 24 | 0.31 | 9.5 | 1.9 | 1.0 | 3.8 | 4.61 | 1.16 | 0.02 | 71.5 | 0.2 | 0.05 | 49 |
| 128927 Dup | 2.1 | 0.067 | 0.63 | 6.5 | 4 | 39.2 | 0.08 | 0.27 | 0.37 | 10.2 | 25 | 0.34 | 9.7 | 1.9 | 1.1 | 4.0 | 4.91 | 1.27 | 0.02 | 75.2 | 0.2 | 0.05 | 52 |
| 128939 Orig | 1.2 | 0.086 | 0.74 | 2.0 | 3 | 43.3 | 0.10 | 0.25 | 0.28 | 3.1 | 20 | 0.74 | 8.2 | 0.7 | 0.5 | 1.6 | 0.91 | 3.14 | 0.05 | 20.0 | < 0.1 | 0.17 | 97 |
| 128939 Dup | 1.2 | 0.093 | 0.71 | 1.7 | 3 | 42.1 | 0.09 | 0.23 | 0.24 | 2.8 | 19 | 0.68 | 7.6 | 0.7 | 0.4 | 1.5 | 0.88 | 2.84 | 0.05 | 19.7 | < 0.1 | 0.16 | 96 |
| 128956 Orig | 2.3 | 0.047 | 1.27 | 9.7 | 3 | 108 | 0.12 | 0.17 | 0.62 | 25.5 | 33 | 1.52 | 7.2 | 1.7 | 0.7 | 3.8 | 2.72 | 2.30 | 0.03 | 44.7 | 0.2 | 0.09 | 2890 |
| 128956 Dup | 1.7 | 0.039 | 1.28 | 9.7 | 3 | 111 | 0.12 | 0.17 | 0.59 | 26.4 | 33 | 1.46 | 7.2 | 1.7 | 0.7 | 3.9 | 2.76 | 2.25 | 0.03 | 45.3 | 0.2 | 0.09 | 2990 |
| 128978 Orig | 1.3 | 0.025 | 0.22 | 0.8 | 2 | 23.2 | 0.04 | 0.13 | 0.17 | 1.2 | 14 | 0.27 | 2.6 | 0.4 | 0.2 | 0.9 | 0.25 | 1.16 | 0.02 | 14.1 | < 0.1 | 0.07 | 36 |
| 128978 Dup | 0.8 | 0.023 | 0.21 | 0.9 | 2 | 21.7 | 0.03 | 0.13 | 0.15 | 1.1 | 13 | 0.26 | 2.5 | 0.4 | 0.2 | 0.9 | 0.24 | 0.98 | 0.02 | 17.4 | < 0.1 | 0.07 | 36 |
| 128986 Orig | 1.5 | 0.031 | 0.46 | 2.4 | 2 | 17.7 | 0.18 | 0.13 | 0.16 | 4.6 | 13 | 0.38 | 3.5 | 0.5 | 0.3 | 1.1 | 1.60 | 1.31 | 0.02 | 16.0 | < 0.1 | 0.09 | 363 |
| 128986 Dup | 1.4 | 0.026 | 0.45 | 2.2 | 2 | 19.4 | 0.13 | 0.12 | 0.22 | 4.4 | 12 | 0.36 | 3.3 | 0.5 | 0.3 | 1.0 | 1.53 | 1.41 | 0.02 | 15.0 | < 0.1 | 0.09 | 342 |
| Method Blank | 0.3 | < 0.002 | < 0.01 | 0.4 | 4 | < 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 | < 0.2 | < 0.002 | < 0.01 | 0.3 | 2 | < 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 | 1.1 | < 0.002 | < 0.01 | 0.5 | 2 | < 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 | 1.6 | < 0.002 | < 0.01 | 0.5 | 2 | 0.9 | < 0.02 | < 0.01 | < 0.01 | < 0.1 | < 1 | < 0.02 | 0.4 | < 0.1 | < 0.1 | < 0.1 | < 0.01 | < 0.02 | < 0.01 | < 0.5 | < 0.1 | < 0.01 | < 1 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |
| Method Blank | | | | | | | | | | | | | | | | | | | | | | | |

| 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 45d (Aqua Regia) Meas | | 0.033 | 202 | 0.034 | 17.2 | 0.040 | | 39.4 | | 13.2 | | 11.7 | | | | 1.5 | | 203 | 33.4 | | 26.3 | | |
| OREAS 45d (Aqua Regia) Cert | | 0.031 | 176 | 0.035 | 17.0 | 0.045 | | 41.50 | | 11.0 | | 11.3 | | | | 1.64 | | 201 | 30.6 | | 24.8 | | |
| OREAS 45d (Aqua Regia) Meas | | 0.031 | 186 | | 16.9 | | | 39.8 | | 12.4 | | 10.4 | | | | 1.4 | | 194 | 33.8 | | 26.1 | | |
| OREAS 45d (Aqua Regia) Cert | | 0.031 | 176 | | 17.0 | | | 41.50 | | 11.0 | | 11.3 | | | | 1.64 | | 201 | 30.6 | | 24.8 | | |
| OREAS 922 (AQUA REGIA) Meas | 0.72 | 0.020 | 33.2 | 0.063 | 60.2 | 0.384 | 0.62 | 3.7 | 4.8 | 15.1 | | 15.1 | | 0.19 | | 2.2 | 1.2 | 32 | 256 | 0.7 | 76.0 | 0.1 | < 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 923 (AQUA REGIA) Meas | | | | 0.063 | | 0.729 | | | | | | | | | | | | | | | | | |
| OREAS 923 (AQUA REGIA) Cert | | | | 0.061 | | 0.684 | | | | | | | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 5.58 | 0.076 | 4.6 | 0.022 | 33.9 | 0.061 | 2.25 | 2.0 | 11.1 | 11.6 | 0.12 | 8.7 | 0.025 | 0.14 | < 0.1 | 2.2 | 1.1 | 5 | 137 | 0.9 | 73.3 | | 0.2 |
| OREAS 907 (Aqua Regia) Cert | 5.64 | 0.0860 | 4.74 | 0.0240 | 34.1 | 0.0660 | 2.28 | 2.16 | 9.05 | 11.7 | 0.230 | 8.04 | 0.0170 | 0.120 | 0.0490 | 2.15 | 0.980 | 5.12 | 139 | 0.870 | 73.0 | | 1.09 |
| Oreas 621 (Aqua Regia) Meas | 12.4 | 0.150 | 23.7 | 0.030 | > 5000 | 4.799 | 114 | 2.1 | 4.1 | 16.1 | | 4.9 | | 0.73 | | 1.6 | 1.0 | 11 | > 5000 | 0.5 | 39.1 | | 0.1 |
| Oreas 621 (Aqua Regia) Cert | 13.3 | 0.160 | 25.8 | 0.0335 | 13600 | 4.50 | 107 | 2.20 | 5.64 | 18.9 | | 5.91 | | 0.770 | | 1.63 | 1.00 | 10.9 | 51700 | 0.530 | 39.6 | | 1.43 |
| OREAS 45f (Aqua Regia) Meas | 0.67 | 0.035 | 231 | 0.021 | 12.5 | 0.024 | | 30.3 | | 15.3 | | 8.4 | 0.134 | 0.11 | < 0.1 | 1.0 | | 212 | 27.6 | 1.1 | 23.1 | 0.1 | 0.3 |
| 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 45f (Aqua Regia) Meas | 0.71 | 0.032 | 223 | 0.020 | 12.5 | 0.024 | | 28.4 | | 14.3 | | 8.9 | 0.126 | 0.12 | 0.1 | 1.1 | | 194 | 24.7 | 0.9 | 22.8 | < 0.1 | 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 45f (Aqua Regia) Meas | 0.99 | 0.032 | 209 | 0.020 | 12.2 | 0.023 | | 29.1 | | 14.3 | | 7.8 | 0.118 | 0.11 | < 0.1 | 1.0 | | 198 | 26.6 | 1.0 | 21.4 | 0.1 | 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 45f (Aqua Regia) Meas | 1.03 | 0.031 | 221 | 0.021 | 12.8 | 0.023 | | 31.1 | | 14.6 | | 8.0 | 0.102 | 0.14 | < 0.1 | 1.0 | | 209 | 28.3 | 1.0 | 22.4 | 0.1 | 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 | 0.63 | 0.070 | 70.2 | 0.042 | 35.0 | 0.117 | 7.43 | 3.5 | | 17.7 | 0.17 | 11.7 | | 0.53 | | 1.3 | | 26 | 126 | 1.3 | | | |
| OREAS 263 (Aqua Regia) Cert | 0.570 | 0.0790 | 72.0 | 0.0410 | 34.0 | 0.126 | 7.37 | 3.52 | | 16.9 | 0.210 | 10.6 | | 0.530 | | 1.28 | | 22.8 | 127 | 1.22 | | | |
| OREAS 130 (Aqua Regia) Meas | 7.68 | | 33.5 | 0.085 | 1320 | 6.273 | 5.26 | 3.3 | | 19.2 | 0.11 | 10.6 | 0.033 | 4.10 | | 8.2 | 1.4 | 36 | > 5000 | | 50.8 | | 0.2 |
| OREAS 130 (Aqua Regia) Cert | 8.25 | | 35.2 | 0.0860 | 1300 | 6.02 | 4.69 | 3.42 | | 23.2 | 0.170 | 10.3 | 0.0270 | 5.92 | | 8.36 | 1.40 | 33.1 | 16900 | | 54.0 | | 0.610 |
| OREAS 130 (Aqua Regia) Meas | 7.09 | | 32.7 | 0.086 | 1300 | 6.149 | 4.93 | 3.3 | | 18.8 | 0.22 | 9.6 | 0.033 | 3.90 | | 7.7 | 1.4 | 34 | > 5000 | | 48.6 | | 0.5 |

| 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 130 (Aqua Regia) Cert | 8.25 | | 35.2 | 0.0860 | 1300 | 6.02 | 4.69 | 3.42 | | 23.2 | 0.170 | 10.3 | 0.0270 | 5.92 | | 8.36 | 1.40 | 33.1 | 16900 | | 54.0 | | 0.610 |
| OREAS 130 (Aqua Regia) Meas | 7.87 | | 32.2 | | 1320 | | 4.99 | 3.6 | | 19.3 | < 0.02 | 9.4 | | 5.54 | | 7.7 | 1.4 | 36 | > 5000 | | 52.1 | | 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 623 (Aqua Regia) Meas | 7.18 | 0.064 | 15.5 | 0.042 | 2480 | 8.365 | 22.0 | 4.3 | 16.9 | 13.1 | 0.50 | 5.0 | | 0.26 | | 1.4 | 2.5 | 16 | > 5000 | 0.4 | 38.5 | | 1.5 |
| Oreas 623 (Aqua Regia) Cert | 8.38 | 0.0680 | 15.6 | 0.0400 | 2520 | 8.75 | 20.2 | 4.63 | 18.6 | 14.2 | 0.570 | 4.72 | | 0.260 | | 1.43 | 2.62 | 15.8 | 10100 | 0.370 | 36.4 | | 1.32 |
| Oreas 623 (Aqua Regia) Meas | 6.38 | 0.066 | 14.7 | 0.043 | 2440 | 8.062 | 20.0 | 3.9 | 19.5 | 12.7 | 0.57 | 4.8 | | 0.26 | | 1.4 | 2.5 | 14 | > 5000 | 0.3 | 35.8 | | 1.5 |
| Oreas 623 (Aqua Regia) Cert | 8.38 | 0.0680 | 15.6 | 0.0400 | 2520 | 8.75 | 20.2 | 4.63 | 18.6 | 14.2 | 0.570 | 4.72 | | 0.260 | | 1.43 | 2.62 | 15.8 | 10100 | 0.370 | 36.4 | | 1.32 |
| OREAS 521 (Aqua Regia) Meas | | | | 0.071 | | 1.523 | | | | | | | 0.141 | | | | | | | | | | |
| OREAS 521 (Aqua Regia) Cert | | | | 0.081 | | 1.850 | | | | | | | 0.141 | | | | | | | | | | |
| Oreas 610 (Aqua Regia) Meas | 4.21 | 0.053 | 22.2 | 0.031 | 526 | 3.003 | 250 | 0.8 | 29.7 | 37.3 | 36.6 | 2.5 | | 1.46 | | 1.2 | 3.9 | 13 | 1650 | 0.3 | 14.1 | | 0.4 |
| Oreas 610 (Aqua Regia) Cert | 4.47 | 0.049 | 24.3 | 0.025 | 512 | 2.650 | 265 | 0.8 | 27.7 | 38.6 | 41.7 | 3.1 | | 1.49 | | 1.1 | 3.6 | 12 | 1760 | 0.3 | 13.7 | | 0.4 |
| 128805 Orig | 2.54 | 0.016 | 8.5 | 0.103 | 16.1 | 0.279 | 0.31 | 0.7 | 3.1 | 18.2 | < 0.02 | 0.6 | 0.038 | 0.10 | 0.1 | 3.6 | 0.3 | 23 | 50.8 | 0.5 | 67.1 | 0.3 | < 0.1 |
| 128805 Dup | 2.57 | 0.016 | 8.5 | 0.102 | 16.2 | 0.274 | 0.34 | 0.7 | 2.9 | 18.1 | < 0.02 | 0.5 | 0.039 | 0.10 | 0.1 | 3.7 | 0.4 | 23 | 51.0 | 0.5 | 68.5 | 0.3 | < 0.1 |
| 128823 Orig | 2.47 | 0.012 | 6.1 | 0.028 | 5.1 | 0.099 | 0.08 | 0.8 | 2.5 | 10.8 | 0.06 | 1.5 | 0.038 | 0.24 | < 0.1 | 2.0 | 0.3 | 19 | 39.3 | 0.3 | 46.5 | 0.2 | < 0.1 |
| 128823 Dup | 2.37 | 0.013 | 6.0 | 0.028 | 5.0 | 0.095 | 0.10 | 1.0 | 0.8 | 10.9 | < 0.02 | 1.6 | 0.037 | 0.24 | < 0.1 | 2.0 | 0.2 | 18 | 40.5 | 0.3 | 45.1 | 0.1 | < 0.1 |
| 128841 Orig | 0.91 | 0.022 | 7.4 | 0.039 | 5.3 | 0.039 | 0.04 | 1.9 | 1.2 | 19.2 | < 0.02 | 2.5 | 0.090 | 0.08 | < 0.1 | 1.8 | 0.3 | 19 | 22.3 | 0.1 | 37.1 | 0.2 | < 0.1 |
| 128841 Dup | 0.91 | 0.022 | 7.3 | 0.040 | 5.3 | 0.039 | < 0.02 | 1.7 | 1.1 | 19.0 | < 0.02 | 2.4 | 0.091 | 0.09 | < 0.1 | 1.8 | 0.3 | 19 | 22.5 | 0.2 | 37.4 | 0.2 | < 0.1 |
| 128861 Orig | 2.17 | 0.018 | 7.0 | 0.028 | 11.5 | 0.046 | 0.06 | 1.3 | 0.6 | 15.0 | < 0.02 | 1.5 | 0.062 | 0.06 | < 0.1 | 1.1 | 0.3 | 18 | 34.8 | 0.2 | 32.2 | 0.2 | < 0.1 |
| 128861 Dup | 2.17 | 0.018 | 7.4 | 0.028 | 10.5 | 0.046 | 0.09 | 1.2 | 1.0 | 15.2 | 0.05 | 1.4 | 0.063 | 0.07 | < 0.1 | 1.1 | 0.3 | 18 | 35.8 | 0.2 | 32.6 | 0.2 | < 0.1 |
| 128874 Orig | 1.13 | 0.016 | 5.5 | 0.096 | 7.4 | 0.158 | 0.17 | 0.2 | < 0.1 | 24.0 | 0.06 | 0.1 | 0.019 | 0.06 | < 0.1 | 2.2 | 1.1 | 24 | 24.6 | 0.2 | 27.7 | < 0.1 | < 0.1 |
| 128874 Dup | 1.15 | 0.018 | 5.9 | 0.096 | 7.9 | 0.164 | 0.13 | 0.2 | 0.1 | 25.0 | < 0.02 | 0.1 | 0.018 | 0.06 | < 0.1 | 2.3 | 1.1 | 26 | 26.0 | 0.2 | 29.0 | < 0.1 | < 0.1 |
| 128885 Orig | 1.08 | 0.017 | 6.2 | 0.041 | 14.9 | 0.135 | 0.17 | 0.9 | 1.8 | 15.4 | 0.06 | 0.4 | 0.055 | 0.08 | < 0.1 | 2.1 | 0.4 | 17 | 28.8 | 0.1 | 30.8 | < 0.1 | < 0.1 |
| 128885 Dup | 1.12 | 0.017 | 6.6 | 0.042 | 15.0 | 0.139 | 0.18 | 0.8 | 0.3 | 15.4 | < 0.02 | 0.5 | 0.053 | 0.07 | < 0.1 | 2.1 | 0.4 | 17 | 29.8 | 0.1 | 30.6 | 0.1 | < 0.1 |
| 128898 Orig | 0.76 | 0.016 | 5.1 | 0.048 | 3.7 | 0.101 | 0.13 | 1.1 | 2.1 | 10.8 | < 0.02 | 1.4 | 0.059 | 0.12 | < 0.1 | 0.9 | 0.2 | 11 | 24.2 | 0.2 | 29.5 | < 0.1 | < 0.1 |
| 128898 Dup | 0.72 | 0.016 | 5.1 | 0.048 | 3.8 | 0.105 | 0.09 | 1.1 | 0.7 | 11.0 | < 0.02 | 1.5 | 0.060 | 0.11 | < 0.1 | 1.0 | 0.2 | 11 | 23.1 | 0.2 | 31.4 | 0.1 | < 0.1 |
| 128914 Orig | 2.90 | 0.010 | 3.4 | 0.042 | 3.5 | 0.136 | 0.11 | < 0.1 | 0.7 | 11.9 | < 0.02 | < 0.1 | 0.011 | 0.02 | < 0.1 | 2.0 | 0.2 | 11 | 18.9 | 0.1 | 18.2 | < 0.1 | < 0.1 |
| 128914 Dup | 3.01 | 0.010 | 3.5 | 0.042 | 3.4 | 0.144 | 0.13 | < 0.1 | 0.5 | 11.9 | < 0.02 | < 0.1 | 0.011 | 0.02 | < 0.1 | 1.9 | 0.2 | 11 | 18.4 | 0.1 | 17.9 | < 0.1 | < 0.1 |
| 128927 Orig | 4.32 | 0.015 | 10.7 | 0.035 | 5.8 | 0.271 | 0.05 | 1.1 | 2.4 | 14.7 | 0.05 | 3.0 | 0.015 | 0.29 | 0.2 | 3.3 | 0.3 | 70 | 53.5 | 0.6 | 123 | 0.4 | < 0.1 |
| 128927 Dup | 4.02 | 0.017 | 11.5 | 0.035 | 6.2 | 0.272 | 0.03 | 1.3 | 2.0 | 15.7 | < 0.02 | 3.2 | 0.014 | 0.33 | 0.2 | 3.5 | 0.2 | 76 | 57.5 | 0.6 | 130 | 0.4 | < 0.1 |
| 128939 Orig | 2.26 | 0.020 | 8.2 | 0.074 | 8.5 | 0.192 | 0.09 | 0.9 | 1.4 | 18.5 | < 0.02 | 0.7 | 0.058 | 0.10 | < 0.1 | 1.9 | 0.6 | 26 | 34.7 | 0.2 | 39.1 | 0.1 | < 0.1 |
| 128939 Dup | 2.09 | 0.019 | 7.9 | 0.073 | 8.4 | 0.193 | 0.14 | 0.9 | 2.9 | 18.0 | < 0.02 | 0.5 | 0.055 | 0.10 | < 0.1 | 1.9 | 0.6 | 24 | 33.6 | 0.2 | 38.5 | 0.1 | < 0.1 |
| 128956 Orig | 6.52 | 0.014 | 17.0 | 0.044 | 18.1 | 0.114 | 0.21 | 0.6 | 3.2 | 18.2 | < 0.02 | 0.7 | 0.025 | 0.65 | 0.2 | 72.5 | 1.6 | 29 | 64.8 | 0.6 | 89.5 | 0.3 | < 0.1 |
| 128956 Dup | 6.81 | 0.016 | 17.3 | 0.044 | 18.6 | 0.111 | 0.22 | 0.6 | 1.0 | 18.2 | 0.06 | 0.8 | 0.025 | 0.68 | 0.2 | 72.3 | 1.7 | 30 | 65.3 | 0.6 | 91.4 | 0.4 | < 0.1 |
| 128978 Orig | 1.63 | 0.011 | 4.4 | 0.022 | 3.5 | 0.079 | 0.05 | 0.5 | 0.9 | 12.0 | < 0.02 | 1.2 | 0.030 | 0.03 | < 0.1 | 2.0 | 0.4 | 11 | 16.1 | < 0.1 | 29.5 | < 0.1 | < 0.1 |
| 128978 Dup | 1.59 | 0.010 | 4.5 | 0.022 | 3.9 | 0.077 | 0.04 | 0.5 | 0.8 | 12.1 | 0.05 | 1.8 | 0.030 | 0.03 | < 0.1 | 1.9 | 0.9 | 10 | 15.6 | < 0.1 | 36.5 | 0.1 | < 0.1 |
| 128986 Orig | 1.37 | 0.015 | 4.7 | 0.030 | 18.0 | 0.053 | < 0.02 | 0.8 | 1.4 | 11.0 | < 0.02 | 1.0 | 0.049 | 0.06 | < 0.1 | 1.0 | 0.2 | 15 | 19.1 | 0.1 | 36.1 | < 0.1 | < 0.1 |
| 128986 Dup | 1.35 | 0.016 | 4.5 | 0.029 | 17.2 | 0.050 | < 0.02 | 0.8 | 1.9 | 10.6 | 0.11 | 1.1 | 0.047 | 0.06 | < 0.1 | 1.0 | 0.2 | 14 | 20.6 | 0.1 | 33.8 | < 0.1 | < 0.1 |
| Method Blank | < 0.01 | 0.005 | < 0.1 | < 0.001 | < 0.1 | < 0.001 | 0.16 | < 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 | < 0.01 | 0.005 | < 0.1 | < 0.001 | 0.2 | < 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 | 0.3 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |
| Method Blank | < 0.01 | 0.004 | < 0.1 | | 0.1 | | 0.05 | < 0.1 | < 0.1 | < 0.5 | < 0.02 | < 0.1 | | < 0.02 | < 0.1 | < 0.1 | < 0.1 | < 1 | 0.2 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |
| Method Blank | < 0.01 | 0.006 | < 0.1 | < 0.001 | 0.1 | < 0.001 | < 0.02 | < 0.1 | 0.3 | < 0.5 | < 0.02 | < 0.1 | < 0.001 | < 0.02 | < 0.1 | < 0.1 | < 0.1 | < 1 | 0.2 | < 0.1 | < 0.01 | < 0.1 | < 0.1 |

| | | | | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|-------|-------|---------|-------|---------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |
| Method Blank | | | | < 0.001 | | < 0.001 | | | | | | | < 0.001 | | | | | | | | | | |

| 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 45d (Aqua Regia) Meas | 0.07 | 15.7 | | | 20.7 | | 1.96 | | | | 4.43 | | | | | | | |
| OREAS 45d (Aqua Regia) Cert | 0.085 | 11.9 | | | 20.9 | | 1.95 | | | | 5.08 | | | | | | | |
| OREAS 45d (Aqua Regia) Meas | 0.08 | 13.8 | | | 20.2 | | 1.89 | | | | 4.62 | | | | | | | |
| OREAS 45d (Aqua Regia) Cert | 0.085 | 11.9 | | | 20.9 | | 1.95 | | | | 5.08 | | | | | | | |
| OREAS 922 (AQUA REGIA) Meas | 0.25 | 22.3 | 0.45 | 29.5 | 23.5 | | 4.12 | 6.0 | | 0.7 | 20.6 | | 4.5 | | 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 923 (AQUA REGIA) Meas | | | | | | | | | | | | | | | | | | |
| OREAS 923 (AQUA REGIA) Cert | | | | | | | | | | | | | | | | | | |
| OREAS 907 (Aqua Regia) Meas | 2.21 | 4.9 | | 28.3 | 17.3 | | 2.45 | 5.2 | | 0.4 | 7.03 | 0.3 | 7.5 | | 8.0 | | | 0.2 |
| OREAS 907 (Aqua Regia) Cert | 2.35 | 4.05 | | 27.8 | 16.7 | | 2.34 | 4.79 | | 0.430 | 6.52 | 0.290 | 43.7 | | 7.36 | | | 0.210 |
| Oreas 621 (Aqua Regia) Meas | 1.71 | 6.6 | | | | | 2.91 | | | 0.3 | 7.07 | 0.6 | 15.3 | | | | 3400 | |
| Oreas 621 (Aqua Regia) Cert | 1.73 | 8.17 | | | | | 2.68 | | | 0.330 | 6.87 | 0.520 | 55.0 | | | | 3930 | |
| OREAS 45f (Aqua Regia) Meas | 0.09 | | | 9.95 | 16.0 | | 2.01 | 1.8 | | 0.2 | 6.29 | 0.6 | 11.1 | 37 | 2.6 | 30 | 50 | 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 | 36.7 | 2.63 | 39.9 | 31.0 | 0.280 |
| OREAS 45f (Aqua Regia) Meas | 0.09 | | | 9.59 | 14.1 | | 1.54 | 1.8 | | 0.3 | 6.64 | 0.6 | 7.2 | 39 | 2.5 | 60 | 40 | 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 | 36.7 | 2.63 | 39.9 | 31.0 | 0.280 |
| OREAS 45f (Aqua Regia) Meas | 0.08 | | | 8.27 | 14.0 | | 1.87 | 1.7 | | 0.3 | 6.23 | 0.6 | 8.1 | 36 | 2.4 | 30 | 20 | 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 | 36.7 | 2.63 | 39.9 | 31.0 | 0.280 |
| OREAS 45f (Aqua Regia) Meas | 0.09 | | | 9.02 | 15.2 | | 1.99 | 1.8 | | 0.3 | 6.50 | 0.6 | 8.6 | 35 | 2.5 | 40 | 30 | 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 | 36.7 | 2.63 | 39.9 | 31.0 | 0.280 |
| OREAS 263 (Aqua Regia) Meas | 0.03 | 20.8 | | | | | | 4.9 | | 0.5 | 12.5 | 0.9 | | | | | 210 | 0.5 |
| OREAS 263 (Aqua Regia) Cert | 0.0290 | 20.1 | | | | | | 4.41 | | 0.500 | 12.0 | 0.990 | | | | | 170 | 0.430 |
| OREAS 130 (Aqua Regia) Meas | 0.20 | 28.5 | | | 39.9 | | | | | | 12.4 | | 18.1 | | 5.7 | | 570 | 0.5 |
| OREAS 130 (Aqua Regia) Cert | 0.200 | 29.9 | | | 41.6 | | | | | | 13.0 | | 19.0 | | 5.93 | | 670 | 0.480 |
| OREAS 130 (Aqua Regia) Meas | 0.21 | 27.1 | | | 39.7 | | | | | | 12.1 | | 21.7 | | 5.4 | | 580 | 0.4 |

| 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 130 (Aqua Regia) Cert | 0.200 | 29.9 | | | 41.6 | | | | | | 13.0 | | 19.0 | | 5.93 | | 670 | 0.480 |
| OREAS 130 (Aqua Regia) Meas | 0.19 | 25.3 | | | 40.5 | | | | | | 13.0 | | 24.6 | | 5.9 | | 590 | 0.5 |
| OREAS 130 (Aqua Regia) Cert | 0.200 | 29.9 | | | 41.6 | | | | | | 13.0 | | 19.0 | | 5.93 | | 670 | 0.480 |
| Oreas 623 (Aqua Regia) Meas | 1.84 | 7.3 | | | | | 4.25 | | | 0.3 | 8.37 | 0.8 | 55.2 | | | | 760 | |
| Oreas 623 (Aqua Regia) Cert | 1.94 | 10.0 | | | | | 4.07 | | | 0.340 | 7.43 | 0.800 | 50.0 | | | | 830 | |
| Oreas 623 (Aqua Regia) Meas | 1.78 | 8.5 | | | | | 3.72 | | | 0.3 | 8.02 | 0.8 | 51.8 | | | | 740 | |
| Oreas 623 (Aqua Regia) Cert | 1.94 | 10.0 | | | | | 4.07 | | | 0.340 | 7.43 | 0.800 | 50.0 | | | | 830 | |
| OREAS 521 (Aqua Regia) Meas | | | | | | | | | | | | | | | | | | |
| OREAS 521 (Aqua Regia) Cert | | | | | | | | | | | | | | | | | | |
| Oreas 610 (Aqua Regia) Meas | 3.62 | 9.5 | 0.20 | | 8.6 | | 24.5 | | | | 3.23 | | 9.3 | | | | 840 | |
| Oreas 610 (Aqua Regia) Cert | 3.76 | 8.5 | 0.16 | | 7.6 | | 24.8 | | | | 3.09 | | 11 | | | | 800 | |
| 128805 Orig | < 0.02 | 4.2 | 1.22 | 34.2 | 3.9 | 2.1 | 0.62 | 5.6 | < 0.05 | 0.5 | 11.5 | 0.9 | 0.7 | < 2 | 9.0 | < 10 | 70 | 0.4 |
| 128805 Dup | 0.02 | 4.2 | 1.18 | 35.0 | 3.9 | 2.9 | 0.71 | 5.7 | < 0.05 | 0.5 | 11.3 | 0.9 | 0.6 | < 2 | 9.2 | < 10 | 100 | 0.4 |
| 128823 Orig | < 0.02 | 2.8 | 0.58 | 21.0 | 2.3 | 1.2 | 0.26 | 3.3 | < 0.05 | 0.3 | 6.42 | 0.5 | < 0.1 | < 2 | 5.6 | < 10 | < 10 | 0.2 |
| 128823 Dup | < 0.02 | 8.1 | 0.56 | 20.3 | 2.2 | 1.2 | 0.26 | 3.1 | < 0.05 | 0.2 | 6.17 | 0.5 | 0.1 | < 2 | 5.4 | < 10 | 20 | 0.2 |
| 128841 Orig | < 0.02 | 5.5 | 1.41 | 16.2 | 5.6 | < 0.2 | 1.27 | 2.7 | < 0.05 | 0.3 | 6.36 | 0.6 | 3.3 | < 2 | 4.2 | < 10 | 10 | 0.2 |
| 128841 Dup | < 0.02 | 5.6 | 1.48 | 15.8 | 5.4 | 0.3 | 0.57 | 2.7 | < 0.05 | 0.3 | 6.38 | 0.6 | 2.9 | < 2 | 4.2 | < 10 | 20 | 0.2 |
| 128861 Orig | < 0.02 | 4.7 | 0.97 | 14.5 | 4.6 | 0.3 | 0.65 | 2.4 | < 0.05 | 0.2 | 5.59 | 0.5 | 0.3 | < 2 | 3.8 | < 10 | 20 | 0.2 |
| 128861 Dup | < 0.02 | 5.5 | 0.91 | 14.2 | 4.8 | 0.6 | 0.63 | 2.4 | < 0.05 | 0.2 | 5.64 | 0.5 | 0.3 | < 2 | 3.8 | < 10 | 30 | 0.2 |
| 128874 Orig | < 0.02 | 2.4 | 0.46 | 13.6 | 2.1 | 0.9 | 0.39 | 2.4 | < 0.05 | 0.2 | 5.50 | 0.4 | 0.1 | < 2 | 3.8 | < 10 | 80 | 0.2 |
| 128874 Dup | < 0.02 | 2.4 | 0.49 | 13.9 | 2.2 | 0.6 | 0.34 | 2.4 | < 0.05 | 0.2 | 5.80 | 0.4 | 0.1 | < 2 | 3.8 | < 10 | 70 | 0.2 |
| 128885 Orig | < 0.02 | 4.4 | 0.89 | 12.7 | 3.6 | 1.5 | 0.60 | 2.3 | < 0.05 | 0.2 | 5.25 | 0.4 | 0.9 | < 2 | 3.7 | < 10 | 40 | 0.2 |
| 128885 Dup | < 0.02 | 4.4 | 0.93 | 12.8 | 3.4 | 1.2 | 0.65 | 2.2 | < 0.05 | 0.2 | 5.19 | 0.4 | 0.9 | < 2 | 3.6 | < 10 | 50 | 0.2 |
| 128898 Orig | < 0.02 | 3.3 | 1.03 | 12.7 | 2.6 | 1.3 | 0.37 | 2.4 | < 0.05 | 0.2 | 6.23 | 0.5 | 0.3 | < 2 | 3.7 | < 10 | < 10 | 0.2 |
| 128898 Dup | < 0.02 | 3.4 | 1.05 | 13.6 | 2.7 | < 0.2 | 0.33 | 2.5 | < 0.05 | 0.3 | 6.49 | 0.6 | 0.3 | < 2 | 3.8 | < 10 | < 10 | 0.2 |
| 128914 Orig | < 0.02 | 0.6 | 0.22 | 7.13 | 0.9 | 0.3 | 0.15 | 1.2 | < 0.05 | 0.1 | 2.23 | 0.2 | < 0.1 | < 2 | 2.3 | < 10 | 60 | < 0.1 |
| 128914 Dup | < 0.02 | 0.6 | 0.31 | 7.18 | 1.0 | 1.2 | 0.12 | 1.1 | < 0.05 | 0.1 | 2.18 | 0.2 | 0.1 | < 2 | 2.2 | < 10 | 40 | < 0.1 |
| 128927 Orig | < 0.02 | 1.2 | 0.46 | 60.5 | 2.3 | 1.7 | 0.21 | 9.6 | < 0.05 | 0.7 | 20.5 | 1.4 | 1.2 | 2 | 17.3 | < 10 | 70 | 0.7 |
| 128927 Dup | < 0.02 | 1.3 | 0.45 | 64.8 | 2.5 | 0.6 | 0.25 | 10.0 | < 0.05 | 0.7 | 22.3 | 1.5 | 1.1 | < 2 | 18.3 | < 10 | 70 | 0.7 |
| 128939 Orig | < 0.02 | 5.5 | 1.07 | 19.4 | 5.0 | 0.9 | 0.55 | 3.4 | < 0.05 | 0.3 | 6.93 | 0.6 | 0.7 | < 2 | 5.4 | < 10 | 70 | 0.3 |
| 128939 Dup | < 0.02 | 5.4 | 1.10 | 19.6 | 5.1 | 0.9 | 0.52 | 3.5 | < 0.05 | 0.3 | 6.80 | 0.6 | 0.5 | < 2 | 5.6 | < 10 | 30 | 0.3 |
| 128956 Orig | < 0.02 | 4.6 | 0.32 | 38.7 | 3.6 | 0.9 | 0.40 | 7.2 | < 0.05 | 0.7 | 17.9 | 1.3 | 0.1 | < 2 | 11.5 | < 10 | 20 | 0.7 |
| 128956 Dup | < 0.02 | 4.9 | 0.39 | 40.0 | 3.5 | 1.5 | 0.40 | 7.3 | < 0.05 | 0.7 | 18.2 | 1.3 | 0.2 | < 2 | 11.7 | < 10 | 30 | 0.7 |
| 128978 Orig | < 0.02 | 2.1 | 0.56 | 12.5 | 1.8 | 0.5 | 0.21 | 2.2 | < 0.05 | 0.2 | 3.94 | 0.3 | 0.2 | < 2 | 3.6 | < 10 | 10 | 0.2 |
| 128978 Dup | < 0.02 | 2.1 | 0.51 | 14.4 | 1.7 | 1.1 | 0.19 | 2.5 | < 0.05 | 0.2 | 3.84 | 0.3 | 0.2 | < 2 | 4.2 | < 10 | 20 | 0.2 |
| 128986 Orig | < 0.02 | 2.9 | 0.76 | 14.2 | 2.3 | 1.1 | 0.56 | 2.6 | < 0.05 | 0.2 | 5.12 | 0.4 | 0.2 | < 2 | 4.1 | < 10 | < 10 | 0.2 |
| 128986 Dup | < 0.02 | 2.7 | 0.67 | 13.3 | 2.1 | 0.3 | 0.49 | 2.3 | < 0.05 | 0.2 | 4.95 | 0.4 | 0.2 | < 2 | 3.9 | < 10 | < 10 | 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 | < 0.1 | < 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 | 0.2 | < 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 | 0.3 | < 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 | 0.3 | 3 | < 0.1 | < 10 | < 10 | < 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 |
| Method Blank | | | | | | | | | | | | | | | | | | |