*Quality Analysis ...* *Innovative Technologies*

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| **Date Submitted:** | 01-Apr-13 |
| **Invoice No.:** | A13-03554 |
| **Invoice Date:** | 16-May-13 |
| **Your Reference:** | EXPLO2013GRN |

**Lac Des Iles Mine**
**556 Tenth Avenue,**
**Thunder Bay ON P7B 2R2 Canada**

**ATTN: Manager John Corkery**

# CERTIFICATE OF ANALYSIS

31 Core samples and 4 Pulp samples were submitted for analysis.

The following analytical packages were requested: Code 1C-Exp Fire Assay-ICP/MS
Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-03554**

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

Notes:
We recommend reanalysis by fire assay Au, Pt, Pd Code 8 if values exceed upper limit.

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
SCC Accredited
LAB 266
LAB 266
Accrédité CCN

**ACTIVATION LABORATORIES LTD.**

1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL Ancaster@actlabs.com ACTLABS GROUP WEBSITE www.actlabs.com

| **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 | AR-MS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Unit Symbol** | ppm | ppm | ppm | % | % | % | % | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| **Analyte Symbol** | Li | Be | B | Na | Mg | Al | K | Bi | Ca | Sc | V | Cr | Mn | Fe | Co | Ni | Cu | Zn | Ga | Ge | As | Se | Rb | Sr |
| **Package Code** | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay |
| **Date Analyzed** | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM |
| 13-001-211 | 6.1 | < 0.1 | 35 | 0.013 | > 10.0 | 0.03 | 0.02 | 0.03 | 19.0 | 0.1 | 3 | 2.6 | 407 | 0.09 | 0.5 | 5.6 | 1.43 | 25.7 | < 0.02 | < 0.1 | 0.7 | 0.2 | 0.9 | 154 |
| 13-001-212 | 10.0 | 0.4 | 12 | 0.200 | 1.98 | 3.17 | 0.31 | 5.34 | 2.31 | 4.6 | 69 | 117 | 567 | 7.91 | 37.8 | 667 | 2160 | 2490 | 11.4 | 0.2 | 955 | 20.1 | 16.5 | 65.3 |
| 13-001-213 | 13.1 | 0.3 | 6 | 0.177 | 0.88 | 2.08 | 0.18 | 0.07 | 1.44 | 6.9 | 86 | 42.7 | 576 | 3.54 | 10.4 | 37.1 | 51.3 | 55.3 | 6.86 | < 0.1 | 5.5 | 0.4 | 6.9 | 73.7 |
| 13-001-214 | 18.4 | < 0.1 | 1 | 0.268 | 3.24 | 3.92 | 0.12 | 0.13 | 1.89 | 7.2 | 87 | 135 | 533 | 5.01 | 54.8 | 281 | 146 | 52.0 | 9.86 | < 0.1 | 0.4 | 0.3 | 8.2 | 54.6 |
| 13-001-215 | 20.3 | < 0.1 | 1 | 0.255 | 3.47 | 4.10 | 0.11 | 0.08 | 1.96 | 7.0 | 78 | 140 | 605 | 5.36 | 55.8 | 289 | 123 | 60.2 | 10.4 | < 0.1 | 0.6 | 0.3 | 6.7 | 53.0 |
| 13-001-216 | 17.1 | < 0.1 | 1 | 0.355 | 3.35 | 4.60 | 0.10 | 0.04 | 2.05 | 5.0 | 61 | 130 | 429 | 4.60 | 51.9 | 228 | 108 | 49.9 | 10.1 | < 0.1 | 0.4 | 0.2 | 5.1 | 62.9 |
| 13-001-217 | 14.2 | < 0.1 | 1 | 0.385 | 3.22 | 4.43 | 0.09 | 0.03 | 2.01 | 5.5 | 62 | 139 | 359 | 4.32 | 49.3 | 220 | 80.8 | 46.3 | 9.82 | < 0.1 | 0.7 | 0.2 | 4.7 | 64.6 |
| 13-001-218 | 14.2 | < 0.1 | 2 | 0.437 | 2.89 | > 10.0 | 0.10 | 0.04 | 2.31 | 5.0 | 54 | 127 | 323 | 3.91 | 46.8 | 210 | 61.7 | 41.2 | 10.2 | < 0.1 | 0.7 | 0.2 | 4.9 | 78.4 |
| 13-001-219 | 16.4 | < 0.1 | 2 | 0.298 | 3.27 | 3.96 | 0.09 | 0.05 | 1.72 | 6.9 | 72 | 157 | 375 | 4.23 | 49.4 | 253 | 80.0 | 44.7 | 9.23 | < 0.1 | 0.5 | 0.1 | 4.4 | 54.5 |
| 13-001-220 | 13.8 | < 0.1 | 2 | 0.389 | 3.00 | 4.41 | 0.09 | 0.09 | 2.03 | 5.6 | 73 | 130 | 335 | 4.53 | 79.1 | 706 | 490 | 46.2 | 10.2 | < 0.1 | 0.7 | 1.7 | 4.1 | 65.8 |
| 13-001-221 | 9.9 | < 0.1 | 1 | 0.542 | 2.60 | 4.67 | 0.09 | 0.05 | 2.45 | 5.1 | 66 | 122 | 272 | 3.82 | 47.2 | 276 | 219 | 39.4 | 10.2 | < 0.1 | 0.8 | 0.5 | 3.5 | 87.3 |
| 13-001-222 | 9.6 | < 0.1 | 2 | 0.556 | 2.01 | 4.07 | 0.07 | 0.13 | 2.45 | 6.1 | 66 | 101 | 287 | 3.79 | 66.2 | 666 | 1070 | 42.4 | 9.13 | < 0.1 | 0.7 | 1.9 | 3.1 | 101 |
| 13-001-223 | 14.0 | < 0.1 | 2 | 0.308 | 2.85 | 3.56 | 0.06 | 0.06 | 1.54 | 5.7 | 59 | 147 | 316 | 3.86 | 46.8 | 239 | 221 | 45.2 | 9.03 | < 0.1 | 0.4 | 0.2 | 2.9 | 53.2 |
| 13-001-224 | 11.3 | < 0.1 | 2 | 0.490 | 2.50 | 4.17 | 0.07 | 0.03 | 1.97 | 5.4 | 57 | 122 | 248 | 3.76 | 42.4 | 195 | 111 | 40.4 | 9.64 | < 0.1 | 0.5 | 0.2 | 2.6 | 81.6 |
| 13-001-225 | 14.3 | < 0.1 | 1 | 0.515 | 3.07 | 4.99 | 0.06 | 0.02 | 2.49 | 5.1 | 56 | 129 | 312 | 4.12 | 48.6 | 200 | 82.3 | 43.5 | 10.7 | < 0.1 | 0.7 | 0.2 | 2.4 | 83.5 |
| 13-001-226 | 10.1 | < 0.1 | 2 | 0.507 | 2.37 | 4.46 | 0.06 | 0.09 | 2.41 | 5.6 | 94 | 119 | 296 | 4.30 | 62.3 | 492 | 1540 | 56.8 | 10.6 | < 0.1 | 0.8 | 1.6 | 2.6 | 92.3 |
| 13-001-227 | 9.2 | 0.1 | 1 | 0.480 | 2.07 | 3.79 | 0.07 | 0.16 | 2.19 | 7.6 | 138 | 87.3 | 375 | 5.71 | 83.6 | 873 | 1190 | 52.1 | 10.5 | < 0.1 | 0.9 | 3.0 | 2.8 | 84.2 |
| 13-001-228 | 13.2 | < 0.1 | 2 | 0.372 | 3.23 | 4.50 | 0.06 | 0.03 | 1.87 | 4.6 | 57 | 133 | 388 | 4.74 | 54.9 | 249 | 150 | 49.9 | 10.1 | < 0.1 | 0.6 | 0.3 | 2.5 | 60.4 |
| 13-001-229 | 13.9 | < 0.1 | 2 | 0.268 | 3.40 | 4.18 | 0.06 | 0.07 | 1.55 | 5.4 | 61 | 136 | 512 | 5.20 | 76.4 | 502 | 246 | 54.9 | 9.84 | < 0.1 | 0.8 | 1.2 | 2.8 | 45.9 |
| 13-001-230 | 2.9 | < 0.1 | 4 | 0.840 | 2.62 | > 10.0 | 0.05 | 0.11 | 6.83 | 2.6 | 17 | 148 | 372 | 3.57 | 32.3 | 561 | 213 | 28.0 | 12.2 | < 0.1 | 3.1 | 0.7 | 1.6 | 88.6 |
| 13-001-231 | 10.6 | 0.2 | 2 | 0.261 | 2.03 | 2.78 | 0.28 | 0.06 | 2.04 | 10.2 | 115 | 68.3 | 627 | 6.04 | 41.5 | 151 | 103 | 76.2 | 10.7 | 0.1 | 0.4 | 0.6 | 11.2 | 52.8 |
| 13-001-232 | 19.0 | 0.1 | 2 | 0.200 | 3.41 | 4.08 | 0.09 | 0.08 | 1.86 | 8.0 | 83 | 120 | 678 | 5.81 | 60.6 | 290 | 199 | 65.1 | 11.1 | < 0.1 | 0.4 | 0.5 | 4.0 | 42.1 |
| 13-001-233 | 17.5 | < 0.1 | < 1 | 0.300 | 3.85 | 4.71 | 0.07 | 0.03 | 1.83 | 5.9 | 60 | 144 | 562 | 5.40 | 60.6 | 255 | 97.6 | 58.2 | 10.7 | < 0.1 | 0.3 | 0.1 | 2.8 | 49.5 |
| 13-001-234 | 16.5 | < 0.1 | 1 | 0.289 | 3.70 | 4.42 | 0.06 | 0.03 | 1.69 | 5.7 | 59 | 134 | 518 | 5.30 | 63.6 | 333 | 210 | 58.6 | 10.4 | < 0.1 | 0.5 | 0.5 | 2.5 | 48.2 |
| 13-001-235 | 14.2 | < 0.1 | 1 | 0.331 | 3.40 | 4.22 | 0.08 | 0.03 | 1.65 | 6.2 | 70 | 146 | 420 | 5.02 | 61.0 | 302 | 206 | 55.2 | 9.95 | < 0.1 | 0.6 | 0.5 | 2.8 | 54.7 |
| 13-001-236 | 16.3 | < 0.1 | 2 | 0.312 | 3.37 | 4.09 | 0.07 | 0.04 | 1.77 | 6.6 | 68 | 136 | 438 | 4.85 | 63.6 | 377 | 324 | 54.3 | 9.73 | < 0.1 | 0.6 | 0.6 | 2.5 | 53.3 |
| 13-001-237 | 19.3 | < 0.1 | 2 | 0.252 | 3.85 | 4.46 | 0.06 | 0.03 | 1.50 | 5.4 | 65 | 150 | 498 | 5.33 | 60.4 | 260 | 86.3 | 58.1 | 10.4 | < 0.1 | 0.4 | 0.2 | 2.8 | 41.2 |
| 13-001-238 | 14.8 | < 0.1 | 2 | 0.217 | 3.12 | 3.46 | 0.07 | 0.13 | 1.45 | 7.0 | 75 | 130 | 481 | 5.43 | 94.1 | 822 | 799 | 60.9 | 9.76 | < 0.1 | 0.6 | 2.1 | 3.1 | 36.1 |
| 13-001-239 | 23.4 | < 0.1 | 2 | 0.115 | 4.25 | 3.92 | 0.06 | 0.04 | 1.08 | 7.0 | 75 | 164 | 650 | 5.89 | 66.6 | 318 | 155 | 70.0 | 10.2 | < 0.1 | 0.3 | 0.4 | 2.9 | 19.4 |
| 13-001-240 | 19.4 | < 0.1 | 1 | 0.192 | 3.80 | 3.90 | 0.07 | 0.03 | 1.18 | 5.7 | 67 | 151 | 477 | 5.32 | 60.8 | 257 | 100 | 60.9 | 9.75 | < 0.1 | 0.6 | 0.2 | 3.2 | 30.5 |
| 13-001-241 | 15.8 | < 0.1 | 1 | 0.202 | 3.44 | 3.49 | 0.08 | 0.05 | 1.22 | 6.9 | 73 | 143 | 443 | 4.77 | 53.3 | 236 | 56.0 | 53.5 | 8.88 | < 0.1 | 0.5 | 0.2 | 3.7 | 33.7 |
| 13-001-242 | 21.1 | < 0.1 | 1 | 0.261 | 3.56 | 3.89 | 0.08 | 0.06 | 1.47 | 6.4 | 68 | 151 | 442 | 5.00 | 60.2 | 290 | 186 | 58.7 | 9.60 | < 0.1 | 0.6 | 0.3 | 3.3 | 43.4 |
| 13-001-243 | 13.4 | < 0.1 | 2 | 0.327 | 3.04 | 3.67 | 0.07 | 0.05 | 1.51 | 7.2 | 69 | 132 | 409 | 4.29 | 52.0 | 246 | 121 | 48.8 | 9.58 | < 0.1 | 0.6 | 0.3 | 3.0 | 56.8 |
| 13-001-244 | 16.8 | < 0.1 | 1 | 0.356 | 3.45 | 4.46 | 0.07 | 0.04 | 1.73 | 5.9 | 65 | 132 | 426 | 4.81 | 56.8 | 253 | 123 | 53.6 | 10.7 | < 0.1 | 0.6 | 0.3 | 3.1 | 58.6 |
| 13-001-245 | 2.8 | < 0.1 | 3 | 0.865 | 2.64 | > 10.0 | 0.05 | 0.11 | 6.88 | 2.5 | 17 | 147 | 386 | 3.70 | 33.5 | 580 | 221 | 28.7 | 12.6 | < 0.1 | 2.9 | 0.7 | 1.5 | 89.3 |

| **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 | AR-MS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Unit Symbol** | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| **Analyte Symbol** | Y | Zr | Nb | Mo | Ag | Cd | In | Sn | Sb | Te | Cs | Ba | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm |
| **Package Code** | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay |
| **Date Analyzed** | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM |
| 13-001-211 | 0.49 | 0.3 | < 0.1 | 0.12 | 0.031 | 0.11 | < 0.02 | < 0.05 | 0.05 | < 0.02 | 0.29 | 129 | 0.8 | 1.12 | 0.1 | 0.54 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-212 | 7.14 | 7.2 | 0.1 | 3090 | 31.8 | 10.3 | 1.33 | 22.1 | 39.0 | 0.54 | 1.51 | 3.8 | 8.0 | 16.7 | 2.1 | 8.17 | 1.6 | 0.5 | 1.7 | 0.3 | 1.6 | 0.3 | 0.8 | 0.1 |
| 13-001-213 | 11.2 | 5.9 | 0.2 | 8.87 | 0.225 | 0.12 | 0.03 | 1.32 | 0.37 | < 0.02 | 0.41 | 135 | 7.0 | 14.3 | 2.0 | 8.69 | 2.0 | 0.6 | 2.3 | 0.4 | 2.3 | 0.4 | 1.2 | 0.2 |
| 13-001-214 | 0.88 | 0.4 | < 0.1 | 3.74 | 0.086 | 0.04 | < 0.02 | 0.07 | < 0.02 | 0.07 | 2.75 | 33.1 | 1.2 | 1.66 | 0.2 | 0.74 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-215 | 0.95 | 0.6 | < 0.1 | 23.7 | 0.075 | 0.05 | < 0.02 | 0.09 | < 0.02 | 0.04 | 2.64 | 36.5 | 1.6 | 2.52 | 0.3 | 1.00 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-216 | 0.58 | 0.3 | < 0.1 | 0.24 | 0.045 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 2.34 | 32.6 | 0.6 | 0.59 | 0.1 | 0.36 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-217 | 0.66 | 0.4 | < 0.1 | 1.22 | 0.030 | 0.02 | < 0.02 | < 0.05 | < 0.02 | 0.03 | 2.21 | 32.3 | 0.8 | 0.80 | 0.1 | 0.43 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-218 | 0.59 | 0.4 | < 0.1 | 0.34 | 0.025 | 0.02 | < 0.02 | < 0.05 | 0.02 | < 0.02 | 2.01 | 43.0 | 1.1 | 1.41 | 0.2 | 0.60 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-219 | 0.71 | 0.8 | < 0.1 | 0.94 | 0.026 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.04 | 2.05 | 27.3 | 0.9 | 1.22 | 0.2 | 0.55 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-220 | 0.66 | 0.5 | < 0.1 | 1.25 | 0.151 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.13 | 1.80 | 32.8 | 0.8 | 0.94 | 0.1 | 0.47 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-221 | 0.67 | 0.3 | < 0.1 | 0.13 | 0.087 | 0.04 | < 0.02 | < 0.05 | < 0.02 | 0.06 | 1.94 | 38.5 | 0.9 | 1.05 | 0.2 | 0.54 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-222 | 1.11 | 0.7 | < 0.1 | 1.46 | 0.324 | 0.11 | < 0.02 | < 0.05 | < 0.02 | 0.28 | 1.65 | 33.3 | 0.8 | 0.97 | 0.2 | 0.63 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 |
| 13-001-223 | 0.67 | 0.3 | < 0.1 | 1.51 | 0.094 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.09 | 1.78 | 24.2 | 1.0 | 1.14 | 0.2 | 0.52 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-224 | 0.80 | 0.4 | < 0.1 | 0.08 | 0.037 | 0.03 | < 0.02 | 0.06 | < 0.02 | 0.04 | 1.87 | 34.2 | 1.2 | 1.63 | 0.2 | 0.75 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-225 | 0.57 | 0.3 | < 0.1 | 0.07 | 0.034 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.68 | 32.5 | 0.6 | 0.44 | < 0.1 | 0.34 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-226 | 0.94 | 0.8 | < 0.1 | 1.04 | 0.473 | 0.12 | < 0.02 | < 0.05 | < 0.02 | 0.22 | 1.52 | 32.3 | 1.0 | 1.22 | 0.2 | 0.69 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-227 | 1.91 | 1.5 | < 0.1 | 0.23 | 0.360 | 0.10 | < 0.02 | 0.08 | < 0.02 | 0.50 | 1.78 | 40.8 | 1.5 | 2.47 | 0.3 | 1.35 | 0.3 | 0.2 | 0.3 | < 0.1 | 0.4 | < 0.1 | 0.2 | < 0.1 |
| 13-001-228 | 0.57 | 0.4 | < 0.1 | 0.06 | 0.063 | 0.04 | < 0.02 | < 0.05 | < 0.02 | 0.03 | 1.86 | 28.4 | 0.7 | 0.75 | 0.1 | 0.41 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-229 | 0.60 | 0.3 | < 0.1 | 3.41 | 0.083 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.34 | 24.5 | 0.7 | 0.69 | 0.1 | 0.39 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-230 | 0.97 | 0.6 | < 0.1 | 7.91 | 0.202 | 0.07 | < 0.02 | 1.66 | 0.42 | 0.56 | 0.15 | 21.5 | 1.5 | 6.16 | 0.3 | 0.96 | 0.1 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-231 | 12.5 | 5.8 | 0.2 | 2.40 | 0.046 | 0.05 | 0.03 | 0.42 | < 0.02 | < 0.02 | 1.29 | 142 | 18.5 | 37.1 | 4.2 | 16.0 | 2.8 | 0.9 | 2.9 | 0.4 | 2.5 | 0.5 | 1.4 | 0.2 |
| 13-001-232 | 3.86 | 1.2 | < 0.1 | 1.11 | 0.235 | 0.04 | < 0.02 | 0.14 | < 0.02 | 0.05 | 1.20 | 28.2 | 5.4 | 10.3 | 1.2 | 4.50 | 0.8 | 0.3 | 0.8 | 0.1 | 0.8 | 0.2 | 0.5 | < 0.1 |
| 13-001-233 | 0.61 | 0.1 | < 0.1 | 0.20 | 0.041 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 1.48 | 26.9 | 0.6 | 0.19 | 0.1 | 0.38 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-234 | 0.67 | 0.4 | < 0.1 | 0.40 | 0.054 | 0.04 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.61 | 25.5 | 0.9 | 0.65 | 0.2 | 0.51 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-235 | 0.79 | 0.5 | < 0.1 | 0.18 | 0.069 | 0.03 | < 0.02 | 0.05 | < 0.02 | 0.06 | 1.79 | 33.4 | 1.0 | 0.77 | 0.2 | 0.63 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-236 | 0.85 | 0.5 | < 0.1 | 0.13 | 0.076 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.64 | 29.9 | 1.2 | 1.57 | 0.2 | 0.70 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-237 | 0.62 | 0.3 | < 0.1 | 0.07 | 0.022 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.04 | 1.82 | 27.6 | 0.7 | 0.68 | 0.1 | 0.36 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-238 | 1.13 | 0.8 | < 0.1 | 0.19 | 0.201 | 0.05 | < 0.02 | 0.07 | < 0.02 | 0.23 | 1.65 | 31.3 | 2.0 | 3.08 | 0.4 | 1.30 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 |
| 13-001-239 | 0.88 | 0.5 | < 0.1 | 0.27 | 0.061 | 0.04 | < 0.02 | 0.06 | < 0.02 | 0.04 | 1.25 | 19.7 | 1.1 | 1.58 | 0.2 | 0.67 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-240 | 0.70 | 0.2 | < 0.1 | 0.13 | 0.024 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 2.04 | 29.1 | 1.0 | 1.26 | 0.2 | 0.56 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-241 | 0.67 | 0.3 | < 0.1 | 1.67 | 0.054 | 0.02 | < 0.02 | < 0.05 | < 0.02 | 0.04 | 1.63 | 23.4 | 0.6 | 0.41 | < 0.1 | 0.33 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-242 | 0.73 | 0.2 | < 0.1 | 1.87 | 0.050 | 0.04 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 1.89 | 30.7 | 0.7 | 0.68 | 0.1 | 0.41 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-243 | 0.93 | 0.5 | < 0.1 | 0.11 | 0.036 | 0.03 | < 0.02 | 0.06 | < 0.02 | 0.03 | 1.36 | 28.1 | 1.7 | 2.53 | 0.3 | 0.99 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-244 | 0.71 | 0.3 | < 0.1 | 0.09 | 0.029 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.75 | 33.5 | 0.9 | 0.99 | 0.1 | 0.45 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-245 | 0.98 | 0.2 | < 0.1 | 7.71 | 0.151 | 0.06 | < 0.02 | 1.48 | 0.30 | 0.58 | 0.14 | 21.6 | 1.6 | 6.27 | 0.3 | 0.97 | 0.1 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 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 | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppb | % | % | % | % | % | % | % | % | % | % | % | % |
| Analyte Symbol | Yb | Lu | Hf | Ta | W | Re | Au | Tl | Pb | Th | U | Hg | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | V2O5 | LOI |
| Package Code | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay |
| Date Analyzed | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | May 6 2013 2:51PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM |
| 13-001-211 | < 0.1 | < 0.1 | < 0.1 | 0.07 | 0.1 | < 0.001 | 11 | 0.05 | 3.24 | 0.1 | 0.3 | < 10 | 9.95 | 0.26 | 0.08 | 0.050 | 21.48 | 28.87 | < 0.01 | 0.02 | 0.02 | 0.01 | < 0.003 | 38.77 |
| 13-001-212 | 0.7 | < 0.1 | 0.2 | < 0.05 | 9.9 | 0.164 | 5040 | 1.91 | 803 | 2.3 | 1.3 | 4060 | 56.74 | 11.55 | 11.71 | 0.070 | 4.33 | 4.05 | 1.20 | 1.73 | 0.41 | 0.11 | 0.018 | 6.68 |
| 13-001-213 | 1.0 | 0.1 | 0.2 | < 0.05 | 0.3 | 0.001 | 31 | 0.08 | 3.21 | 1.3 | 0.4 | 30 | 66.94 | 13.26 | 6.40 | 0.100 | 2.39 | 4.26 | 3.15 | 1.13 | 0.62 | 0.13 | 0.017 | 1.37 |
| 13-001-214 | 0.1 | < 0.1 | < 0.1 | 0.05 | < 0.1 | 0.002 | 17 | 0.06 | 0.79 | 0.1 | < 0.1 | < 10 | 49.60 | 12.80 | 12.22 | 0.180 | 12.06 | 7.46 | 1.63 | 0.40 | 0.23 | < 0.01 | 0.030 | 3.60 |
| 13-001-215 | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.004 | 12 | 0.06 | 0.76 | 0.2 | < 0.1 | 10 | 49.82 | 12.52 | 12.29 | 0.180 | 12.21 | 7.27 | 1.49 | 0.35 | 0.21 | < 0.01 | 0.028 | 3.97 |
| 13-001-216 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 13 | 0.05 | 0.51 | < 0.1 | < 0.1 | < 10 | 49.47 | 12.71 | 12.43 | 0.190 | 13.14 | 6.94 | 1.10 | 0.38 | 0.21 | < 0.01 | 0.025 | 3.89 |
| 13-001-217 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 11 | 0.05 | 0.60 | 0.1 | < 0.1 | < 10 | 49.68 | 12.04 | 12.56 | 0.190 | 13.32 | 6.82 | 1.09 | 0.37 | 0.20 | 0.01 | 0.029 | 3.68 |
| 13-001-218 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 7 | 0.05 | 0.69 | 0.1 | < 0.1 | 10 | 50.53 | 12.74 | 11.63 | 0.170 | 12.40 | 6.84 | 1.33 | 0.40 | 0.20 | < 0.01 | 0.029 | 3.27 |
| 13-001-219 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 8 | 0.04 | 0.91 | 0.1 | < 0.1 | < 10 | 50.12 | 12.14 | 12.16 | 0.200 | 13.04 | 6.91 | 1.51 | 0.30 | 0.20 | < 0.01 | 0.026 | 3.37 |
| 13-001-220 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.002 | 36 | 0.09 | 1.00 | < 0.1 | < 0.1 | < 10 | 48.74 | 11.97 | 13.01 | 0.170 | 12.96 | 6.74 | 1.22 | 0.36 | 0.23 | 0.01 | 0.029 | 3.43 |
| 13-001-221 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 12 | 0.05 | 0.73 | 0.2 | < 0.1 | < 10 | 49.57 | 11.98 | 12.55 | 0.180 | 12.81 | 6.84 | 1.21 | 0.29 | 0.21 | < 0.01 | 0.027 | 2.96 |
| 13-001-222 | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.002 | 33 | 0.08 | 1.65 | < 0.1 | < 0.1 | < 10 | 49.88 | 12.71 | 12.37 | 0.170 | 10.91 | 8.33 | 1.56 | 0.29 | 0.22 | < 0.01 | 0.030 | 2.51 |
| 13-001-223 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 9 | 0.04 | 0.94 | < 0.1 | < 0.1 | < 10 | 49.52 | 11.04 | 13.11 | 0.200 | 13.56 | 6.49 | 1.37 | 0.29 | 0.21 | < 0.01 | 0.030 | 3.09 |
| 13-001-224 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 9 | 0.03 | 1.94 | 0.1 | < 0.1 | < 10 | 49.46 | 11.52 | 13.12 | 0.200 | 13.39 | 6.41 | 1.31 | 0.26 | 0.20 | 0.01 | 0.030 | 2.69 |
| 13-001-225 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 8 | 0.03 | 0.80 | < 0.1 | < 0.1 | < 10 | 48.33 | 11.78 | 13.04 | 0.190 | 13.84 | 6.97 | 1.10 | 0.25 | 0.23 | 0.01 | 0.036 | 3.46 |
| 13-001-226 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.002 | 162 | 0.06 | 0.90 | < 0.1 | < 0.1 | < 10 | 48.89 | 13.22 | 13.09 | 0.180 | 11.90 | 7.35 | 1.50 | 0.28 | 0.29 | 0.01 | 0.036 | 2.91 |
| 13-001-227 | 0.2 | < 0.1 | < 0.1 | 0.09 | < 0.1 | 0.002 | 98 | 0.09 | 1.21 | < 0.1 | < 0.1 | < 10 | 49.88 | 13.44 | 13.67 | 0.170 | 9.49 | 7.90 | 2.00 | 0.24 | 0.39 | 0.01 | 0.037 | 2.63 |
| 13-001-228 | < 0.1 | < 0.1 | < 0.1 | 0.05 | < 0.1 | 0.001 | 21 | 0.03 | 0.50 | < 0.1 | < 0.1 | < 10 | 49.54 | 11.50 | 13.42 | 0.190 | 13.99 | 6.74 | 0.93 | 0.24 | 0.21 | 0.01 | 0.039 | 3.57 |
| 13-001-229 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.003 | 17 | 0.05 | 0.70 | < 0.1 | < 0.1 | < 10 | 49.27 | 11.32 | 13.57 | 0.210 | 13.31 | 6.78 | 1.07 | 0.28 | 0.21 | < 0.01 | 0.034 | 4.03 |
| 13-001-230 | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.004 | 1740 | 0.03 | 5.50 | 0.1 | < 0.1 | 40 | 45.12 | 22.02 | 6.92 | 0.080 | 8.67 | 12.67 | 1.12 | 0.11 | 0.11 | 0.01 | 0.009 | 2.62 |
| 13-001-231 | 1.2 | 0.2 | 0.1 | < 0.05 | < 0.1 | 0.002 | 26 | 0.08 | 1.23 | 1.8 | 0.3 | < 10 | 54.11 | 13.81 | 12.31 | 0.160 | 6.74 | 6.91 | 2.73 | 0.53 | 0.81 | 0.19 | 0.028 | 2.07 |
| 13-001-232 | 0.4 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 45 | 0.04 | 0.87 | 0.5 | < 0.1 | < 10 | 50.11 | 12.49 | 12.63 | 0.190 | 11.47 | 6.91 | 1.68 | 0.34 | 0.35 | 0.05 | 0.026 | 3.82 |
| 13-001-233 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 8 | 0.03 | 0.42 | < 0.1 | < 0.1 | < 10 | 49.22 | 11.94 | 12.99 | 0.190 | 13.56 | 6.89 | 1.14 | 0.26 | 0.19 | < 0.01 | 0.027 | 4.19 |
| 13-001-234 | < 0.1 | < 0.1 | < 0.1 | 0.30 | < 0.1 | 0.001 | 23 | 0.03 | 0.50 | < 0.1 | < 0.1 | < 10 | 48.94 | 11.51 | 13.38 | 0.190 | 13.04 | 6.60 | 1.72 | 0.25 | 0.19 | < 0.01 | 0.028 | 4.09 |
| 13-001-235 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 23 | 0.04 | 0.90 | 0.1 | < 0.1 | < 10 | 49.24 | 11.74 | 13.63 | 0.200 | 13.51 | 6.66 | 1.28 | 0.27 | 0.21 | < 0.01 | 0.035 | 3.48 |
| 13-001-236 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 27 | 0.04 | 0.75 | 0.1 | < 0.1 | < 10 | 49.79 | 11.23 | 12.59 | 0.180 | 12.55 | 6.89 | 1.24 | 0.24 | 0.21 | < 0.01 | 0.033 | 3.72 |
| 13-001-237 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 14 | 0.03 | 0.38 | < 0.1 | < 0.1 | < 10 | 48.92 | 10.90 | 13.18 | 0.190 | 14.01 | 6.44 | 0.79 | 0.26 | 0.21 | < 0.01 | 0.035 | 4.03 |
| 13-001-238 | 0.2 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.002 | 34 | 0.09 | 0.94 | 0.3 | < 0.1 | < 10 | 50.83 | 11.09 | 13.02 | 0.190 | 11.49 | 6.16 | 1.60 | 0.27 | 0.22 | 0.01 | 0.028 | 3.65 |
| 13-001-239 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 10 | 0.03 | 1.02 | 0.1 | < 0.1 | < 10 | 49.98 | 10.31 | 13.73 | 0.200 | 14.12 | 6.27 | 1.04 | 0.22 | 0.23 | < 0.01 | 0.030 | 4.18 |
| 13-001-240 | 0.1 | < 0.1 | < 0.1 | 0.09 | < 0.1 | < 0.001 | 15 | 0.03 | 0.47 | 0.1 | < 0.1 | < 10 | 49.44 | 10.83 | 13.81 | 0.200 | 13.99 | 6.22 | 1.10 | 0.26 | 0.21 | < 0.01 | 0.032 | 3.95 |
| 13-001-241 | 0.1 | < 0.1 | < 0.1 | 0.06 | < 0.1 | 0.001 | 17 | 0.03 | 0.43 | < 0.1 | < 0.1 | < 10 | 49.43 | 10.87 | 13.66 | 0.200 | 14.33 | 6.25 | 1.08 | 0.28 | 0.22 | < 0.01 | 0.035 | 3.45 |
| 13-001-242 | 0.1 | < 0.1 | < 0.1 | 0.29 | < 0.1 | 0.001 | 14 | 0.04 | 0.63 | < 0.1 | 0.1 | < 10 | 48.57 | 10.94 | 13.89 | 0.210 | 14.34 | 6.41 | 1.06 | 0.28 | 0.23 | < 0.01 | 0.033 | 3.82 |
| 13-001-243 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 8 | 0.03 | 0.80 | 0.2 | < 0.1 | < 10 | 49.51 | 12.15 | 13.15 | 0.200 | 13.31 | 6.59 | 1.53 | 0.32 | 0.21 | < 0.01 | 0.034 | 3.00 |
| 13-001-244 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 12 | 0.03 | 0.60 | 0.2 | < 0.1 | < 10 | 49.75 | 12.01 | 12.85 | 0.180 | 13.52 | 6.65 | 1.11 | 0.31 | 0.21 | < 0.01 | 0.033 | 3.56 |
| 13-001-245 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.1 | 0.004 | 1000 | 0.03 | 5.51 | 0.2 | < 0.1 | 40 | 45.21 | 22.56 | 7.06 | 0.090 | 8.87 | 12.84 | 1.15 | 0.11 | 0.09 | 0.01 | 0.013 | 2.46 |

| **Method Code** | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | IR | FA-MS | FA-MS | FA-MS |
|---|---|---|---|---|---|---|---|---|---|
| **Unit Symbol** | % | % | % | % | % | % | ppb | ppb | ppb |
| **Analyte Symbol** | Total | Cr | Ni | Co | Cu | Total S | Au | Pd | Pt |
| **Package Code** | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay | LDI-Greenfields PGE Tbay |
| **Date Analyzed** | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 15 2013 4:37PM | Apr 10 2013 7:15PM | May 15 2013 5:06PM | May 15 2013 5:06PM | May 15 2013 5:06PM |
| 13-001-211 | 99.49 | < 0.01 | < 0.003 | < 0.004 | < 0.004 | < 0.01 | < 1 | 0.4 | 0.1 |
| 13-001-212 | 98.90 | 0.02 | 0.066 | < 0.004 | 0.206 | 3.41 | 3260 | 1940 | 307 |
| 13-001-213 | 99.77 | < 0.01 | 0.009 | < 0.004 | < 0.004 | 0.04 | 3 | 1.6 | 2.0 |
| 13-001-214 | 100.3 | 0.03 | 0.053 | 0.010 | 0.011 | 0.11 | 2 | 177 | 19.4 |
| 13-001-215 | 100.4 | 0.03 | 0.047 | 0.005 | 0.007 | 0.07 | 2 | 119 | 12.6 |
| 13-001-216 | 100.6 | 0.05 | 0.064 | 0.007 | 0.009 | 0.06 | 2 | 131 | 10.7 |
| 13-001-217 | 100.2 | 0.06 | 0.095 | 0.008 | 0.005 | 0.05 | 1 | 94.8 | 5.5 |
| 13-001-218 | 99.64 | 0.03 | 0.060 | 0.008 | < 0.004 | 0.05 | < 1 | 105 | 8.7 |
| 13-001-219 | 100.4 | 0.31 | 0.060 | 0.011 | 0.004 | 0.04 | 1 | 97.2 | 10.1 |
| 13-001-220 | 99.04 | 0.03 | 0.087 | 0.012 | 0.038 | 0.40 | 10 | 302 | 25.7 |
| 13-001-221 | 98.73 | 0.03 | 0.042 | 0.010 | 0.018 | 0.11 | 4 | 158 | 13.1 |
| 13-001-222 | 99.18 | 0.01 | 0.083 | 0.010 | 0.093 | 0.50 | 42 | 454 | 38.4 |
| 13-001-223 | 99.00 | 0.03 | 0.039 | 0.008 | 0.013 | 0.06 | 3 | 132 | 8.9 |
| 13-001-224 | 98.68 | 0.03 | 0.039 | 0.011 | 0.007 | 0.06 | 3 | 107 | 5.4 |
| 13-001-225 | 99.34 | 0.04 | 0.050 | 0.010 | 0.009 | 0.04 | 1 | 95.8 | 5.4 |
| 13-001-226 | 99.91 | 0.03 | 0.073 | 0.010 | 0.142 | 0.41 | 51 | 242 | 21.1 |
| 13-001-227 | 100.1 | 0.02 | 0.104 | 0.008 | 0.107 | 0.73 | 51 | 472 | 60.2 |
| 13-001-228 | 100.5 | 0.03 | 0.050 | 0.007 | 0.010 | 0.09 | 3 | 138 | 10.0 |
| 13-001-229 | 100.5 | 0.13 | 0.222 | 0.011 | 0.022 | 0.35 | 5 | 179 | 21.6 |
| 13-001-230 | 99.63 | 0.08 | 0.068 | < 0.004 | 0.018 | 0.02 | 1280 | 6380 | 1400 |
| 13-001-231 | 100.5 | 0.01 | 0.028 | 0.007 | 0.008 | 0.13 | 3 | 67.3 | 6.8 |
| 13-001-232 | 100.2 | 0.03 | 0.066 | 0.007 | 0.014 | 0.15 | 5 | 151 | 15.3 |
| 13-001-233 | 100.7 | 0.04 | 0.052 | 0.008 | 0.008 | 0.06 | 2 | 101 | 7.6 |
| 13-001-234 | 100.1 | 0.03 | 0.056 | 0.009 | 0.016 | 0.13 | 4 | 152 | 17.6 |
| 13-001-235 | 100.4 | 0.05 | 0.042 | 0.009 | 0.010 | 0.12 | 5 | 158 | 17.5 |
| 13-001-236 | 98.79 | 0.03 | 0.057 | 0.008 | 0.024 | 0.19 | 6 | 194 | 19.0 |
| 13-001-237 | 99.04 | 0.03 | 0.036 | 0.008 | < 0.004 | 0.05 | 2 | 98.6 | 7.2 |
| 13-001-238 | 98.75 | 0.02 | 0.097 | 0.008 | 0.069 | 0.47 | 23 | 444 | 49.4 |
| 13-001-239 | 100.5 | 0.04 | 0.079 | 0.008 | 0.011 | 0.08 | 3 | 94.4 | 10.3 |
| 13-001-240 | 100.2 | 0.09 | 0.041 | 0.010 | 0.009 | 0.06 | 1 | 72.4 | 8.6 |
| 13-001-241 | 99.89 | 0.03 | 0.042 | 0.009 | 0.005 | 0.03 | 1 | 85.6 | 9.5 |
| 13-001-242 | 99.88 | 0.03 | 0.046 | 0.007 | 0.017 | 0.09 | 3 | 109 | 13.9 |
| 13-001-243 | 100.1 | 0.03 | 0.041 | 0.010 | 0.008 | 0.06 | 18 | 129 | 16.4 |
| 13-001-244 | 100.3 | 0.03 | 0.042 | 0.009 | 0.009 | 0.06 | 3 | 87.6 | 10.9 |
| 13-001-245 | 100.7 | 0.09 | 0.081 | 0.004 | 0.018 | 0.10 | 1220 | 6330 | 1330 |

## Quality Control

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | AR-MS |
| **Unit Symbol** | ppm | ppm | ppm | % | % | % | % | ppm | % | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| **Analyte Symbol** | Li | Be | B | Na | Mg | Al | K | Bi | Ca | Sc | V | Cr | Mn | Fe | Co | Ni | Cu | Zn | Ga | Ge | As | Se | Rb | Sr |
| **Package Code** | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) |
| **Date Analyzed** | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 |
| MICA-FE LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| AN-G LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-N LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| AC-E LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 74a (Fusion) LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-222 Replicate Original | 9.8 | < 0.1 | 2 | 0.561 | 2.03 | 4.14 | 0.07 | 0.13 | 2.49 | 6.2 | 67 | 102 | 292 | 3.86 | 67.6 | 672 | 1080 | 40.9 | 9.28 | < 0.1 | 0.6 | 1.8 | 3.1 | 103 |
| 13-001-222 LABDUP | 9.4 | < 0.1 | 2 | 0.551 | 1.98 | 4.00 | 0.06 | 0.13 | 2.41 | 6.0 | 65 | 99.9 | 283 | 3.72 | 64.8 | 661 | 1060 | 43.8 | 8.97 | < 0.1 | 0.8 | 2.0 | 3.0 | 100 |
| 13-001-224 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-224 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-233 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-233 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-234 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-234 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-236 Replicate Original | 16.2 | < 0.1 | 1 | 0.309 | 3.36 | 4.09 | 0.07 | 0.04 | 1.76 | 6.5 | 68 | 135 | 435 | 4.85 | 63.7 | 377 | 325 | 53.9 | 9.65 | < 0.1 | 0.5 | 0.7 | 2.5 | 53.1 |
| 13-001-236 LABDUP | 16.4 | < 0.1 | 2 | 0.315 | 3.38 | 4.09 | 0.07 | 0.04 | 1.78 | 6.7 | 68 | 136 | 440 | 4.84 | 63.5 | 377 | 322 | 54.7 | 9.81 | < 0.1 | 0.6 | 0.6 | 2.5 | 53.4 |
| 13-001-240 Split Original | 19.4 | < 0.1 | 1 | 0.192 | 3.80 | 3.90 | 0.07 | 0.03 | 1.18 | 5.7 | 67 | 151 | 477 | 5.32 | 60.8 | 257 | 100 | 60.9 | 9.75 | < 0.1 | 0.6 | 0.2 | 3.2 | 30.5 |
| 13-001-240 LABPREP | 17.9 | < 0.1 | 2 | 0.191 | 3.75 | 3.87 | 0.07 | 0.03 | 1.19 | 5.8 | 67 | 153 | 491 | 5.45 | 62.3 | 261 | 101 | 60.8 | 9.88 | < 0.1 | 0.5 | 0.2 | 3.2 | 30.1 |
| 13-001-242 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-242 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |

## Quality Control

| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **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 | AR-MS |
| **Unit Symbol** | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm |
| **Analyte Symbol** | Y | Zr | Nb | Mo | Ag | Cd | In | Sn | Sb | Te | Cs | Ba | La | Ce | Pr | Nd | Sm | Eu | Gd | Tb | Dy | Ho | Er | Tm |
| **Package Code** | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) |
| **Date Analyzed** | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 |
| MICA-FE LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| AN-G LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
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| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-N LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| AC-E LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 74a (Fusion) LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-222 Replicate Original | 1.12 | 0.7 | < 0.1 | 1.42 | 0.317 | 0.11 | < 0.02 | 0.05 | < 0.02 | 0.28 | 1.68 | 33.8 | 0.8 | 0.97 | 0.2 | 0.63 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 |
| 13-001-222 LABDUP | 1.09 | 0.7 | < 0.1 | 1.49 | 0.330 | 0.10 | < 0.02 | < 0.05 | < 0.02 | 0.28 | 1.61 | 32.7 | 0.8 | 0.96 | 0.2 | 0.62 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-224 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-224 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-233 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-233 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-234 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-234 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-236 Replicate Original | 0.84 | 0.4 | < 0.1 | 0.13 | 0.074 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.64 | 29.8 | 1.2 | 1.62 | 0.2 | 0.69 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-236 LABDUP | 0.85 | 0.5 | < 0.1 | 0.14 | 0.078 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.64 | 30.0 | 1.2 | 1.52 | 0.2 | 0.71 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-240 Split Original | 0.70 | 0.2 | < 0.1 | 0.13 | 0.024 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 2.04 | 29.1 | 1.0 | 1.26 | 0.2 | 0.56 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-240 LABPREP | 0.68 | 0.2 | < 0.1 | 0.14 | 0.033 | 0.02 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.97 | 27.7 | 0.9 | 1.03 | 0.1 | 0.50 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-242 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-242 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |

## Quality Control

| 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 | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Unit Symbol | ppm | ppm | ppm | ppm | ppm | ppm | ppb | ppm | ppm | ppm | ppm | ppb | % | % | % | % | % | % | % | % | % | % | % | % |
| Analyte Symbol | Yb | Lu | Hf | Ta | W | Re | Au | Tl | Pb | Th | U | Hg | SiO2 | Al2O3 | Fe2O3(T) | MnO | MgO | CaO | Na2O | K2O | TiO2 | P2O5 | V2O5 | LOI |
| Package Code | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) |
| Date Analyzed | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-05-06 14:51:07 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 |
| MICA-FE LABSTD | | | | | | | | | | | | | 34.36 | 19.42 | 25.72 | 0.252 | 4.57 | 0.42 | 0.35 | 8.82 | 2.49 | 0.42 | 0.025 | |
| AN-G LABSTD | | | | | | | | | | | | | 46.29 | 29.75 | 3.40 | 0.042 | 1.88 | 15.95 | 1.62 | 0.15 | 0.23 | 0.02 | 0.014 | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| LKSD-4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BE-N LABSTD | | | | | | | | | | | | | 38.42 | 10.15 | 12.78 | 0.202 | 13.18 | 13.91 | 3.20 | 1.40 | 2.63 | 1.10 | 0.041 | |
| AC-E LABSTD | | | | | | | | | | | | | 70.45 | 14.66 | 2.48 | 0.060 | 0.06 | 0.36 | 6.52 | 4.51 | 0.12 | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| BaSO4 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| Oreas 74a (Fusion) LABSTD | | | | | | | | | | | | | 32.36 | 2.25 | | | 27.96 | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| CDN-PGMS-23 LABSTD | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-214 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-221 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-222 Replicate Original | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.002 | 40 | 0.08 | 1.63 | < 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-222 LABDUP | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.003 | 26 | 0.08 | 1.67 | < 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-224 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-224 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-231 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-233 Replicate Original | | | | | | | | | | | | | 49.34 | 12.12 | 12.93 | 0.180 | 13.57 | 6.88 | 0.95 | 0.26 | 0.19 | < 0.01 | 0.029 | 4.20 |
| 13-001-233 LABDUP | | | | | | | | | | | | | 49.10 | 11.77 | 13.05 | 0.200 | 13.55 | 6.90 | 1.34 | 0.27 | 0.19 | < 0.01 | 0.026 | 4.17 |
| 13-001-234 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-234 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-236 Replicate Original | 0.1 | < 0.1 | < 0.1 | 0.07 | < 0.1 | 0.001 | 31 | 0.04 | 0.76 | 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-236 LABDUP | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 24 | 0.04 | 0.74 | 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-240 Split Original | 0.1 | < 0.1 | < 0.1 | 0.09 | < 0.1 | < 0.001 | 15 | 0.03 | 0.47 | 0.1 | < 0.1 | < 10 | 49.44 | 10.83 | 13.81 | 0.200 | 13.99 | 6.22 | 1.10 | 0.26 | 0.21 | < 0.01 | 0.032 | 3.95 |
| 13-001-240 LABPREP | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 13 | 0.03 | 0.45 | 0.1 | < 0.1 | < 10 | 49.37 | 10.93 | 13.58 | 0.190 | 14.05 | 6.21 | 1.00 | 0.26 | 0.21 | < 0.01 | 0.036 | 3.83 |
| 13-001-242 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-242 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-244 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |

## Quality Control

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Method Code** | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | FUS-XRF | IR | FA-MS | FA-MS | FA-MS |
| **Unit Symbol** | % | % | % | % | % | % | ppb | ppb | ppb |
| **Analyte Symbol** | Total | Cr | Ni | Co | Cu | Total S | Au | Pd | Pt |
| **Package Code** | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) | LDI-Greenfields PGE Tbay (MS) |
| **Date Analyzed** | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-15 16:37:34 | 2013-04-10 19:15:14 | 2013-05-15 17:06:01 | 2013-05-15 17:06:01 | 2013-05-15 17:06:01 |
| MICA-FE LABSTD | | 0.02 | < 0.003 | < 0.004 | < 0.004 | | | | |
| AN-G LABSTD | | 0.01 | 0.003 | 0.004 | < 0.004 | | | | |
| LKSD-4 LABSTD | | | | | | 1.00 | | | |
| LKSD-4 LABSTD | | | | | | 0.98 | | | |
| LKSD-4 LABSTD | | | | | | 0.88 | | | |
| LKSD-4 LABSTD | | | | | | 0.90 | | | |
| LKSD-4 LABSTD | | | | | | 0.86 | | | |
| BE-N LABSTD | | 0.04 | 0.026 | 0.007 | 0.008 | | | | |
| AC-E LABSTD | | < 0.01 | < 0.003 | < 0.004 | < 0.004 | | | | |
| BaSO4 LABSTD | | | | | | 14.4 | | | |
| BaSO4 LABSTD | | | | | | 14.5 | | | |
| BaSO4 LABSTD | | | | | | 12.8 | | | |
| BaSO4 LABSTD | | | | | | 12.4 | | | |
| BaSO4 LABSTD | | | | | | 12.8 | | | |
| Oreas 74a (Fusion) LABSTD | | 0.18 | 3.23 | 0.059 | 0.125 | | | | |
| CDN-PGMS-22 LABSTD | | | | | | | 1220 | 6270 | 1370 |
| CDN-PGMS-22 LABSTD | | | | | | | 1310 | 6460 | 1400 |
| CDN-PGMS-23 LABSTD | | | | | | | 564 | 2050 | 443 |
| CDN-PGMS-23 LABSTD | | | | | | | 530 | 2140 | 500 |
| 13-001-214 Replicate Original | | | | | | 0.11 | | | |
| 13-001-214 LABDUP | | | | | | 0.11 | | | |
| 13-001-221 Replicate Original | | | | | | | 4 | 156 | 13.4 |
| 13-001-221 LABDUP | | | | | | | 5 | 160 | 12.7 |
| 13-001-222 Replicate Original | | | | | | | | | |
| 13-001-222 LABDUP | | | | | | | | | |
| 13-001-224 Replicate Original | | | | | | 0.06 | | | |
| 13-001-224 LABDUP | | | | | | 0.06 | | | |
| 13-001-231 Replicate Original | | | | | | | 4 | 68.1 | 7.9 |
| 13-001-231 LABDUP | | | | | | | 1 | 66.4 | 5.7 |
| 13-001-233 Replicate Original | 100.8 | 0.04 | 0.053 | 0.007 | 0.009 | | | | |
| 13-001-233 LABDUP | 100.7 | 0.05 | 0.051 | 0.008 | 0.007 | | | | |
| 13-001-234 Replicate Original | | | | | | 0.13 | | | |
| 13-001-234 LABDUP | | | | | | 0.13 | | | |
| 13-001-236 Replicate Original | | | | | | | | | |
| 13-001-236 LABDUP | | | | | | | | | |
| 13-001-240 Split Original | 100.2 | 0.09 | 0.041 | 0.010 | 0.009 | 0.06 | | | |
| 13-001-240 LABPREP | 99.75 | 0.03 | 0.038 | 0.010 | 0.007 | 0.07 | | | |
| 13-001-242 Replicate Original | | | | | | | 3 | 110 | 13.2 |
| 13-001-242 LABDUP | | | | | | | 4 | 107 | 14.6 |
| 13-001-244 Replicate Original | | | | | | 0.06 | | | |
| 13-001-244 LABDUP | | | | | | 0.05 | | | |