*Quality Analysis ...* *Innovative Technologies*

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| **Date Submitted:** | 01-Apr-13 |
| **Invoice No.:** | A13-03553 |
| **Invoice Date:** | 06-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 package was requested: Code LDI-Greenfields PGE Tbay (MS) Whole Rock Analysis-XRF/Fire Assay ICPMS/Aqua Regia ICPMS/Total S-Eltra

REPORT **A13-03553**

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Notes:

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ISO/IEC 17025
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LAB 266
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Accrédité CCN

**ACTIVATION LABORATORIES LTD.**

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| **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 |
| 13-001-176 | 4.3 | < 0.1 | 33 | 0.009 | > 10.0 | 0.03 | 0.01 | < 0.02 | 18.4 | < 0.1 | 3 | 2.5 | 406 | 0.08 | 0.5 | 5.4 | 1.48 | 18.4 | < 0.02 | < 0.1 | 0.7 | 0.2 | 0.7 | 175 |
| 13-001-177 | 9.8 | 0.4 | 12 | 0.200 | 2.04 | 3.37 | 0.32 | 5.38 | 2.38 | 4.8 | 68 | 118 | 557 | 8.05 | 37.7 | 667 | 2160 | 2440 | 11.2 | 0.1 | 941 | 20.0 | 16.6 | 64.5 |
| 13-001-178 | 13.0 | 0.3 | 7 | 0.176 | 0.90 | 2.17 | 0.18 | 0.09 | 1.44 | 6.8 | 86 | 43.9 | 563 | 3.60 | 10.3 | 36.7 | 50.2 | 53.3 | 6.62 | < 0.1 | 5.5 | 0.5 | 6.9 | 70.5 |
| 13-001-179 | 9.7 | 0.1 | 3 | 1.19 | 1.52 | > 10.0 | 0.05 | 0.03 | 4.30 | 4.4 | 41 | 42.5 | 315 | 2.52 | 24.6 | 104 | 92.4 | 27.2 | 11.3 | < 0.1 | 0.5 | 0.2 | 1.8 | 180 |
| 13-001-180 | 10.4 | 0.2 | 3 | 1.10 | 1.57 | > 10.0 | 0.05 | 0.03 | 4.47 | 3.9 | 37 | 42.9 | 339 | 2.56 | 23.5 | 114 | 52.6 | 28.0 | 11.1 | < 0.1 | 0.5 | 0.2 | 1.5 | 170 |
| 13-001-181 | 7.9 | 0.1 | 2 | 1.38 | 1.48 | > 10.0 | 0.04 | 0.03 | 4.74 | 4.8 | 38 | 40.0 | 310 | 2.43 | 24.4 | 109 | 75.0 | 23.9 | 11.8 | < 0.1 | 0.5 | 0.3 | 1.2 | 201 |
| 13-001-182 | 10.2 | 0.1 | 2 | 1.24 | 1.66 | > 10.0 | 0.05 | 0.05 | 4.56 | 4.1 | 33 | 36.6 | 325 | 2.64 | 29.4 | 181 | 193 | 30.4 | 11.3 | < 0.1 | 2.0 | 0.8 | 1.4 | 187 |
| 13-001-183 | 16.1 | < 0.1 | 2 | 0.447 | 3.09 | > 10.0 | 0.04 | 0.04 | 1.91 | 6.2 | 46 | 59.5 | 526 | 4.38 | 45.7 | 200 | 145 | 48.6 | 8.53 | < 0.1 | 0.3 | 0.2 | 1.1 | 64.0 |
| 13-001-184 | 13.3 | 0.1 | 1 | 0.537 | 2.79 | > 10.0 | 0.05 | 0.03 | 2.14 | 5.6 | 42 | 58.3 | 419 | 4.06 | 43.5 | 202 | 158 | 45.7 | 8.80 | < 0.1 | 0.6 | 0.4 | 1.6 | 78.0 |
| 13-001-185 | 13.9 | 0.1 | 3 | 0.556 | 2.51 | 4.56 | 0.06 | 0.07 | 2.24 | 6.9 | 49 | 67.2 | 445 | 3.66 | 38.7 | 213 | 139 | 42.3 | 8.96 | < 0.1 | 0.4 | 0.3 | 1.8 | 84.9 |
| 13-001-186 | 18.8 | < 0.1 | 2 | 0.528 | 3.01 | > 10.0 | 0.04 | 0.10 | 2.09 | 6.1 | 43 | 64.2 | 522 | 4.35 | 47.4 | 294 | 283 | 56.3 | 9.01 | < 0.1 | 0.4 | 0.5 | 1.5 | 78.0 |
| 13-001-187 | 19.6 | < 0.1 | 2 | 0.465 | 3.07 | > 10.0 | 0.05 | 0.04 | 1.86 | 5.6 | 42 | 59.7 | 493 | 4.36 | 49.5 | 318 | 273 | 48.0 | 8.43 | < 0.1 | 0.5 | 0.7 | 1.8 | 67.5 |
| 13-001-188 | 11.3 | 0.1 | 2 | 0.694 | 2.10 | 4.79 | 0.05 | 0.04 | 2.59 | 6.7 | 58 | 46.4 | 438 | 3.82 | 39.0 | 188 | 213 | 41.8 | 9.39 | < 0.1 | 0.5 | 0.4 | 1.5 | 116 |
| 13-001-189 | 9.6 | 0.2 | 3 | 0.560 | 1.31 | 3.87 | 0.06 | 0.06 | 2.79 | 6.9 | 101 | 36.2 | 412 | 4.03 | 42.6 | 265 | 560 | 37.4 | 9.37 | < 0.1 | 0.7 | 0.9 | 2.0 | 124 |
| 13-001-190 | 7.2 | 0.2 | 1 | 0.594 | 0.98 | 3.45 | 0.06 | 0.06 | 2.64 | 7.6 | 269 | 30.8 | 420 | 6.44 | 36.8 | 292 | 389 | 27.8 | 11.3 | < 0.1 | 0.5 | 0.8 | 1.6 | 110 |
| 13-001-191 | 21.9 | < 0.1 | 2 | 0.416 | 3.80 | > 10.0 | 0.07 | 0.13 | 2.35 | 6.3 | 45 | 142 | 483 | 4.08 | 53.7 | 517 | 264 | 46.3 | 9.19 | < 0.1 | 0.6 | 1.0 | 3.1 | 66.9 |
| 13-001-192 | 7.7 | 0.3 | 3 | 0.174 | 1.06 | 1.78 | 0.15 | 0.21 | 1.24 | 7.1 | 75 | 24.6 | 321 | 3.41 | 18.1 | 43.4 | 106 | 42.0 | 8.50 | 0.1 | 0.4 | 0.5 | 6.9 | 32.6 |
| 13-001-193 | 20.1 | 0.1 | 2 | 0.372 | 2.87 | 4.22 | 0.09 | 0.60 | 1.77 | 8.1 | 62 | 109 | 474 | 3.99 | 49.5 | 184 | 44.5 | 50.9 | 9.19 | < 0.1 | 0.9 | 0.4 | 4.5 | 60.3 |
| 13-001-194 | 23.8 | < 0.1 | 2 | 0.368 | 3.89 | > 10.0 | 0.07 | 0.15 | 2.12 | 7.3 | 59 | 144 | 563 | 4.88 | 62.9 | 510 | 362 | 52.2 | 10.7 | < 0.1 | 1.0 | 1.0 | 3.0 | 59.3 |
| 13-001-195 | 3.0 | < 0.1 | 5 | 0.871 | 2.76 | > 10.0 | 0.05 | 0.11 | 7.18 | 2.6 | 18 | 153 | 369 | 3.68 | 32.8 | 565 | 213 | 26.5 | 12.0 | < 0.1 | 2.9 | 0.7 | 1.5 | 87.2 |
| 13-001-196 | 22.2 | < 0.1 | 2 | 0.314 | 3.43 | 4.47 | 0.07 | 0.03 | 1.82 | 5.6 | 48 | 124 | 482 | 4.15 | 45.7 | 192 | 61.2 | 45.4 | 9.53 | < 0.1 | 0.4 | 0.1 | 3.5 | 46.8 |
| 13-001-197 | 18.2 | < 0.1 | 2 | 0.510 | 3.31 | > 10.0 | 0.06 | 0.03 | 2.25 | 5.7 | 49 | 126 | 415 | 3.93 | 46.3 | 185 | 39.9 | 45.1 | 9.98 | < 0.1 | 0.4 | 0.1 | 2.2 | 81.1 |
| 13-001-198 | 17.0 | < 0.1 | 2 | 0.696 | 3.04 | > 10.0 | 0.07 | 0.02 | 2.70 | 5.3 | 46 | 117 | 336 | 3.74 | 45.6 | 199 | 87.4 | 38.6 | 11.2 | < 0.1 | 0.6 | 0.2 | 2.9 | 108 |
| 13-001-199 | 20.2 | < 0.1 | 4 | 0.492 | 3.40 | > 10.0 | 0.05 | 0.03 | 2.25 | 6.6 | 55 | 140 | 431 | 4.31 | 48.1 | 208 | 32.1 | 44.6 | 10.1 | < 0.1 | 0.3 | < 0.1 | 2.4 | 80.0 |
| 13-001-200 | 11.2 | < 0.1 | 2 | 0.542 | 2.68 | 4.76 | 0.06 | 0.04 | 2.37 | 6.1 | 52 | 128 | 288 | 3.33 | 42.0 | 196 | 75.0 | 37.5 | 9.86 | < 0.1 | 0.7 | 0.2 | 2.6 | 89.3 |
| 13-001-201 | 8.4 | < 0.1 | 2 | 0.879 | 2.03 | > 10.0 | 0.05 | 0.02 | 3.63 | 5.1 | 51 | 114 | 226 | 2.86 | 31.9 | 127 | 44.2 | 28.1 | 11.5 | < 0.1 | 0.5 | 0.1 | 2.0 | 141 |
| 13-001-202 | 7.5 | 0.1 | 4 | 1.08 | 1.77 | > 10.0 | 0.06 | 0.04 | 4.38 | 5.1 | 51 | 102 | 214 | 2.76 | 34.9 | 205 | 321 | 30.1 | 12.6 | < 0.1 | 0.6 | 0.5 | 2.3 | 172 |
| 13-001-203 | 10.3 | < 0.1 | 4 | 0.641 | 2.57 | > 10.0 | 0.06 | < 0.02 | 2.68 | 5.8 | 56 | 122 | 259 | 3.45 | 38.9 | 159 | 37.1 | 36.3 | 10.5 | < 0.1 | 0.4 | 0.2 | 2.4 | 101 |
| 13-001-204 | 6.2 | < 0.1 | 2 | 0.786 | 2.08 | > 10.0 | 0.07 | < 0.02 | 3.17 | 5.8 | 59 | 116 | 231 | 3.10 | 38.0 | 251 | 169 | 31.5 | 10.7 | < 0.1 | 0.6 | 0.5 | 2.5 | 122 |
| 13-001-205 | 5.0 | 0.1 | 2 | 0.791 | 1.69 | > 10.0 | 0.09 | 0.03 | 3.37 | 7.5 | 78 | 102 | 287 | 3.56 | 46.2 | 344 | 457 | 31.6 | 10.6 | < 0.1 | 0.5 | 1.2 | 3.4 | 127 |
| 13-001-206 | 8.9 | < 0.1 | 2 | 0.642 | 2.38 | > 10.0 | 0.07 | < 0.02 | 2.89 | 5.1 | 51 | 116 | 270 | 3.31 | 36.8 | 146 | 41.5 | 33.6 | 10.2 | < 0.1 | 0.2 | < 0.1 | 3.0 | 103 |
| 13-001-207 | 9.1 | < 0.1 | 2 | 0.592 | 2.44 | > 10.0 | 0.08 | 0.03 | 2.70 | 5.0 | 54 | 120 | 269 | 3.65 | 42.4 | 215 | 117 | 35.0 | 10.1 | < 0.1 | 0.4 | 0.3 | 3.6 | 97.7 |
| 13-001-208 | 15.7 | < 0.1 | 2 | 0.375 | 2.94 | 4.06 | 0.12 | 0.07 | 2.06 | 7.2 | 77 | 132 | 366 | 4.23 | 62.6 | 408 | 177 | 40.9 | 9.46 | < 0.1 | 0.6 | 0.7 | 6.6 | 65.8 |
| 13-001-209 | 13.6 | < 0.1 | 1 | 0.419 | 3.00 | 4.35 | 0.10 | 0.07 | 2.19 | 7.5 | 92 | 131 | 373 | 4.57 | 56.5 | 249 | 177 | 44.1 | 9.77 | < 0.1 | 0.6 | 0.5 | 5.3 | 77.9 |
| 13-001-210 | 2.9 | < 0.1 | 4 | 0.879 | 2.79 | > 10.0 | 0.05 | 0.11 | 7.26 | 2.7 | 18 | 154 | 379 | 3.71 | 33.0 | 573 | 215 | 27.1 | 12.3 | < 0.1 | 3.0 | 0.8 | 1.6 | 88.9 |

| **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 |
| 13-001-176 | 0.36 | 0.3 | < 0.1 | 0.08 | 0.029 | 0.08 | < 0.02 | < 0.05 | 0.04 | < 0.02 | 0.23 | 237 | < 0.5 | 0.37 | < 0.1 | 0.28 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-177 | 7.06 | 6.8 | 0.1 | 3150 | 32.5 | 9.41 | 1.36 | 23.2 | 36.4 | 0.59 | 1.54 | 2.7 | 7.8 | 16.1 | 2.0 | 8.02 | 1.6 | 0.4 | 1.7 | 0.3 | 1.5 | 0.3 | 0.8 | 0.1 |
| 13-001-178 | 10.8 | 7.8 | 0.2 | 7.89 | 0.154 | 0.12 | 0.03 | 1.31 | 0.40 | < 0.02 | 0.43 | 137 | 6.9 | 14.0 | 2.0 | 8.83 | 2.0 | 0.6 | 2.2 | 0.4 | 2.2 | 0.4 | 1.2 | 0.2 |
| 13-001-179 | 0.96 | 0.8 | < 0.1 | 0.21 | 0.070 | 0.03 | < 0.02 | 0.07 | < 0.02 | 0.02 | 0.94 | 54.7 | 1.7 | 2.42 | 0.3 | 1.00 | 0.2 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-180 | 0.84 | 0.6 | < 0.1 | 0.36 | 0.026 | 0.03 | < 0.02 | 0.06 | < 0.02 | 0.05 | 0.86 | 48.7 | 1.7 | 2.32 | 0.3 | 0.92 | 0.2 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-181 | 0.90 | 0.5 | < 0.1 | 0.30 | 0.036 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.04 | 0.75 | 57.4 | 1.4 | 1.90 | 0.2 | 0.85 | 0.1 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-182 | 0.79 | 0.6 | < 0.1 | 0.81 | 0.090 | 0.04 | < 0.02 | 0.06 | 0.03 | 0.09 | 0.89 | 56.3 | 1.5 | 2.19 | 0.3 | 0.87 | 0.1 | 0.2 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-183 | 0.89 | 0.5 | < 0.1 | 0.22 | 0.081 | 0.03 | < 0.02 | < 0.05 | 0.02 | 0.06 | 0.69 | 24.5 | 1.2 | 1.61 | 0.2 | 0.70 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-184 | 0.84 | 0.5 | < 0.1 | 0.07 | 0.084 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.07 | 0.77 | 31.4 | 1.1 | 1.60 | 0.2 | 0.76 | 0.1 | 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-185 | 1.27 | 0.8 | < 0.1 | 0.28 | 0.060 | 0.03 | < 0.02 | 0.08 | 0.04 | 0.09 | 0.99 | 36.9 | 2.3 | 3.75 | 0.4 | 1.49 | 0.3 | 0.1 | 0.3 | < 0.1 | 0.3 | < 0.1 | 0.2 | < 0.1 |
| 13-001-186 | 0.93 | 0.9 | < 0.1 | 0.11 | 0.119 | 0.04 | < 0.02 | < 0.05 | 0.03 | 0.18 | 1.01 | 34.7 | 1.4 | 1.99 | 0.2 | 0.84 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-187 | 0.78 | 0.7 | < 0.1 | 0.14 | 0.104 | 0.04 | < 0.02 | < 0.05 | 0.02 | 0.13 | 1.16 | 39.1 | 1.2 | 1.58 | 0.2 | 0.69 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-188 | 1.16 | 1.2 | < 0.1 | 0.51 | 0.094 | 0.06 | < 0.02 | 0.09 | 0.03 | 0.07 | 0.91 | 36.4 | 1.5 | 2.22 | 0.3 | 1.05 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-189 | 1.81 | 1.2 | < 0.1 | 5.00 | 0.222 | 0.05 | < 0.02 | 0.09 | 0.03 | 0.05 | 0.67 | 36.8 | 1.3 | 2.09 | 0.3 | 1.29 | 0.3 | 0.2 | 0.3 | < 0.1 | 0.4 | < 0.1 | 0.2 | < 0.1 |
| 13-001-190 | 3.12 | 1.3 | < 0.1 | 0.90 | 0.102 | 0.03 | < 0.02 | 0.16 | < 0.02 | 0.06 | 0.80 | 33.1 | 1.7 | 3.25 | 0.5 | 2.23 | 0.5 | 0.2 | 0.6 | < 0.1 | 0.6 | 0.1 | 0.4 | < 0.1 |
| 13-001-191 | 0.82 | 0.5 | < 0.1 | 0.58 | 0.111 | 0.05 | < 0.02 | < 0.05 | < 0.02 | 0.23 | 1.20 | 29.7 | 1.3 | 1.66 | 0.2 | 0.74 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-192 | 13.0 | 2.2 | 0.4 | 0.91 | 0.082 | 0.03 | < 0.02 | 0.66 | 0.06 | 0.05 | 1.40 | 71.2 | 28.1 | 54.6 | 6.0 | 21.2 | 3.6 | 0.7 | 3.2 | 0.5 | 2.7 | 0.5 | 1.4 | 0.2 |
| 13-001-193 | 2.85 | 1.8 | < 0.1 | 2.32 | 0.082 | 0.09 | < 0.02 | 0.11 | < 0.02 | 0.31 | 1.56 | 45.0 | 5.5 | 10.0 | 1.1 | 4.09 | 0.7 | 0.2 | 0.7 | < 0.1 | 0.6 | 0.1 | 0.3 | < 0.1 |
| 13-001-194 | 1.31 | 1.1 | < 0.1 | 2.00 | 0.134 | 0.03 | < 0.02 | 0.07 | 0.02 | 0.16 | 1.46 | 29.7 | 2.5 | 4.05 | 0.5 | 1.72 | 0.3 | 0.1 | 0.3 | < 0.1 | 0.3 | < 0.1 | 0.2 | < 0.1 |
| 13-001-195 | 0.95 | 0.6 | < 0.1 | 7.93 | 0.184 | 0.06 | < 0.02 | 1.64 | 0.45 | 0.50 | 0.15 | 21.3 | 1.6 | 6.34 | 0.3 | 0.98 | 0.2 | 0.2 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-196 | 0.95 | 1.0 | < 0.1 | 0.44 | 0.042 | 0.03 | < 0.02 | 0.05 | < 0.02 | < 0.02 | 1.30 | 30.2 | 2.0 | 2.76 | 0.3 | 1.01 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-197 | 0.80 | 0.6 | < 0.1 | 0.32 | 0.010 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.24 | 29.4 | 1.5 | 1.98 | 0.2 | 0.77 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-198 | 0.70 | 0.5 | < 0.1 | 0.08 | 0.046 | 0.04 | < 0.02 | < 0.05 | 0.02 | 0.02 | 1.74 | 42.2 | 1.1 | 1.38 | 0.2 | 0.61 | 0.1 | 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-199 | 0.74 | 0.6 | < 0.1 | 0.09 | 0.016 | 0.02 | < 0.02 | 0.05 | < 0.02 | < 0.02 | 1.76 | 68.9 | 1.5 | 2.01 | 0.2 | 0.76 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-200 | 0.69 | 0.8 | < 0.1 | 0.41 | 0.042 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 1.20 | 28.3 | 1.1 | 1.32 | 0.2 | 0.60 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-201 | 0.57 | 0.3 | < 0.1 | 0.08 | 0.015 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.38 | 35.0 | 0.8 | 0.82 | 0.1 | 0.43 | < 0.1 | 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-202 | 0.70 | 0.4 | < 0.1 | 0.14 | 0.119 | 0.06 | < 0.02 | < 0.05 | < 0.02 | 0.08 | 1.39 | 44.1 | 0.9 | 1.11 | 0.2 | 0.57 | < 0.1 | 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-203 | 0.62 | 0.5 | < 0.1 | 0.05 | 0.024 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 1.56 | 31.8 | 0.7 | 0.65 | 0.1 | 0.40 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-204 | 0.70 | 0.7 | < 0.1 | 0.10 | 0.080 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.06 | 1.63 | 37.1 | 1.0 | 1.21 | 0.2 | 0.59 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-205 | 1.12 | 0.9 | < 0.1 | 0.11 | 0.095 | 0.05 | < 0.02 | 0.08 | < 0.02 | 0.15 | 1.81 | 42.5 | 1.4 | 2.00 | 0.3 | 0.94 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-206 | 0.57 | 0.3 | < 0.1 | 0.06 | 0.015 | 0.03 | < 0.02 | < 0.05 | < 0.02 | < 0.02 | 1.59 | 31.8 | 0.8 | 0.82 | 0.1 | 0.44 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-207 | 0.53 | 0.3 | < 0.1 | 0.72 | 0.029 | 0.02 | < 0.02 | < 0.05 | < 0.02 | 0.03 | 1.79 | 29.1 | 0.6 | 0.58 | < 0.1 | 0.34 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-208 | 0.75 | 0.5 | < 0.1 | 5.78 | 0.223 | 0.03 | < 0.02 | < 0.05 | < 0.02 | 0.06 | 1.97 | 32.2 | 0.7 | 0.66 | 0.1 | 0.42 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 |
| 13-001-209 | 0.83 | 0.3 | < 0.1 | 9.54 | 0.097 | 0.02 | < 0.02 | 0.11 | 0.06 | 0.02 | 2.14 | 30.0 | 0.7 | 0.68 | 0.1 | 0.42 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-210 | 0.98 | 0.6 | < 0.1 | 8.03 | 0.252 | 0.06 | < 0.02 | 1.63 | 0.46 | 0.60 | 0.15 | 21.9 | 1.6 | 6.33 | 0.3 | 0.94 | 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 |
| 13-001-176 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 13 | 0.05 | 5.46 | < 0.1 | 0.4 | < 10 | 5.97 | 0.35 | 0.12 | 0.056 | 21.79 | 29.29 | < 0.01 | < 0.01 | 0.01 | 0.01 | < 0.003 | 42.27 |
| 13-001-177 | 0.6 | < 0.1 | 0.1 | < 0.05 | 8.8 | 0.166 | 4080 | 1.82 | 815 | 2.3 | 1.2 | 4030 | 56.59 | 12.01 | 12.09 | 0.089 | 4.45 | 4.14 | 1.28 | 1.79 | 0.42 | 0.11 | 0.021 | 6.69 |
| 13-001-178 | 1.0 | 0.1 | 0.3 | < 0.05 | 0.3 | 0.002 | 14 | 0.08 | 3.24 | 1.4 | 0.4 | 30 | 66.75 | 12.95 | 6.50 | 0.115 | 2.31 | 4.31 | 3.25 | 1.13 | 0.64 | 0.14 | 0.025 | 1.50 |
| 13-001-179 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 18 | < 0.02 | 1.38 | 0.2 | < 0.1 | < 10 | 50.18 | 20.99 | 6.90 | 0.104 | 6.45 | 10.66 | 2.70 | 0.25 | 0.16 | 0.01 | 0.021 | 2.08 |
| 13-001-180 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 20 | < 0.02 | 1.05 | < 0.1 | < 0.1 | < 10 | 50.05 | 20.42 | 7.23 | 0.112 | 6.81 | 10.56 | 2.57 | 0.25 | 0.14 | < 0.01 | 0.015 | 2.18 |
| 13-001-181 | 0.1 | < 0.1 | < 0.1 | 0.08 | < 0.1 | < 0.001 | 18 | < 0.02 | 1.09 | < 0.1 | < 0.1 | < 10 | 49.83 | 21.32 | 6.87 | 0.109 | 6.53 | 11.04 | 2.58 | 0.16 | 0.16 | 0.01 | 0.009 | 1.88 |
| 13-001-182 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 59 | < 0.02 | 1.15 | < 0.1 | < 0.1 | < 10 | 50.10 | 20.13 | 7.22 | 0.111 | 6.84 | 10.72 | 2.58 | 0.21 | 0.14 | 0.01 | 0.019 | 2.08 |
| 13-001-183 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 33 | < 0.02 | 0.56 | < 0.1 | < 0.1 | < 10 | 49.89 | 12.45 | 12.26 | 0.203 | 12.71 | 8.00 | 1.23 | 0.15 | 0.18 | < 0.01 | 0.030 | 3.29 |
| 13-001-184 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 43 | < 0.02 | 0.62 | 0.1 | < 0.1 | < 10 | 50.21 | 12.26 | 12.02 | 0.202 | 12.24 | 8.02 | 1.22 | 0.21 | 0.18 | < 0.01 | 0.024 | 3.03 |
| 13-001-185 | 0.2 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 22 | < 0.02 | 0.78 | 0.4 | 0.1 | < 10 | 51.88 | 15.13 | 9.81 | 0.165 | 9.58 | 7.91 | 2.17 | 0.24 | 0.16 | < 0.01 | 0.015 | 2.54 |
| 13-001-186 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 62 | < 0.02 | 0.62 | 0.1 | < 0.1 | < 10 | 50.13 | 13.88 | 11.36 | 0.183 | 11.52 | 8.14 | 1.62 | 0.18 | 0.16 | 0.01 | 0.029 | 3.14 |
| 13-001-187 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 73 | < 0.02 | 0.73 | 0.2 | < 0.1 | < 10 | 50.68 | 12.51 | 11.53 | 0.201 | 11.94 | 7.69 | 1.41 | 0.18 | 0.16 | < 0.01 | 0.020 | 3.13 |
| 13-001-188 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 34 | < 0.02 | 0.85 | < 0.1 | < 0.1 | < 10 | 51.04 | 16.36 | 9.90 | 0.167 | 8.71 | 8.93 | 2.28 | 0.20 | 0.17 | < 0.01 | 0.020 | 2.28 |
| 13-001-189 | 0.2 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.005 | 205 | 0.02 | 0.86 | 0.1 | < 0.1 | < 10 | 49.97 | 16.63 | 10.55 | 0.160 | 6.96 | 10.45 | 2.67 | 0.28 | 0.24 | < 0.01 | 0.036 | 2.14 |
| 13-001-190 | 0.3 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 43 | < 0.02 | 2.20 | < 0.1 | < 0.1 | < 10 | 47.43 | 16.75 | 14.18 | 0.160 | 6.25 | 10.28 | 2.61 | 0.25 | 0.78 | 0.03 | 0.065 | 1.50 |
| 13-001-191 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 45 | 0.02 | 1.35 | 0.2 | < 0.1 | < 10 | 49.91 | 14.18 | 9.57 | 0.158 | 12.71 | 7.71 | 1.42 | 0.30 | 0.18 | 0.01 | 0.020 | 4.03 |
| 13-001-192 | 1.2 | 0.2 | < 0.1 | < 0.05 | 0.2 | < 0.001 | 9 | 0.05 | 3.75 | 10.9 | 2.4 | < 10 | 65.70 | 14.73 | 5.56 | 0.067 | 2.44 | 4.40 | 3.91 | 0.96 | 0.53 | 0.14 | 0.018 | 1.37 |
| 13-001-193 | 0.3 | < 0.1 | < 0.1 | 0.11 | 0.1 | 0.001 | 16 | 0.04 | 4.45 | 2.0 | 1.1 | 10 | 54.55 | 15.38 | 8.54 | 0.131 | 8.62 | 6.60 | 2.49 | 0.43 | 0.20 | 0.03 | 0.023 | 2.92 |
| 13-001-194 | 0.2 | < 0.1 | < 0.1 | 0.08 | < 0.1 | 0.001 | 32 | 0.03 | 0.99 | 0.2 | < 0.1 | < 10 | 50.17 | 14.18 | 10.55 | 0.160 | 11.93 | 7.23 | 1.65 | 0.26 | 0.20 | 0.01 | 0.021 | 4.14 |
| 13-001-195 | 0.1 | < 0.1 | < 0.1 | 0.08 | 0.2 | 0.004 | 1780 | 0.03 | 5.69 | 0.2 | < 0.1 | 50 | 44.94 | 22.13 | 7.12 | 0.086 | 8.83 | 12.89 | 1.16 | 0.11 | 0.09 | 0.02 | 0.010 | 2.57 |
| 13-001-196 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 25 | 0.03 | 1.49 | 0.2 | < 0.1 | < 10 | 50.58 | 14.31 | 10.02 | 0.168 | 11.86 | 7.13 | 1.80 | 0.35 | 0.18 | 0.01 | 0.018 | 3.64 |
| 13-001-197 | 0.1 | < 0.1 | < 0.1 | 0.09 | < 0.1 | < 0.001 | 16 | < 0.02 | 0.78 | 0.2 | < 0.1 | < 10 | 50.64 | 14.77 | 10.10 | 0.168 | 11.95 | 7.49 | 1.65 | 0.26 | 0.18 | 0.01 | 0.024 | 3.16 |
| 13-001-198 | < 0.1 | < 0.1 | < 0.1 | 0.07 | < 0.1 | < 0.001 | 16 | 0.02 | 0.65 | 0.1 | < 0.1 | < 10 | 50.10 | 14.16 | 10.87 | 0.181 | 12.25 | 7.75 | 1.51 | 0.28 | 0.17 | 0.01 | 0.026 | 2.90 |
| 13-001-199 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 6 | < 0.02 | 0.64 | 0.2 | < 0.1 | < 10 | 50.17 | 13.85 | 11.18 | 0.179 | 12.33 | 7.44 | 1.48 | 0.24 | 0.17 | < 0.01 | 0.026 | 3.16 |
| 13-001-200 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 9 | < 0.02 | 0.90 | 0.3 | < 0.1 | < 10 | 50.56 | 13.01 | 12.03 | 0.192 | 13.05 | 7.17 | 1.37 | 0.33 | 0.18 | 0.01 | 0.029 | 2.69 |
| 13-001-201 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 6 | 0.02 | 0.70 | < 0.1 | < 0.1 | < 10 | 49.96 | 15.12 | 10.99 | 0.169 | 11.78 | 8.19 | 1.54 | 0.24 | 0.17 | < 0.01 | 0.028 | 2.12 |
| 13-001-202 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 14 | 0.03 | 1.09 | < 0.1 | < 0.1 | < 10 | 50.13 | 16.99 | 9.99 | 0.141 | 10.22 | 8.76 | 1.78 | 0.25 | 0.16 | < 0.01 | 0.018 | 1.91 |
| 13-001-203 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 7 | 0.03 | 0.63 | 0.1 | < 0.1 | < 10 | 49.53 | 12.33 | 12.72 | 0.191 | 13.98 | 7.02 | 1.15 | 0.25 | 0.21 | < 0.01 | 0.033 | 2.59 |
| 13-001-204 | < 0.1 | < 0.1 | < 0.1 | 0.05 | < 0.1 | 0.001 | 25 | 0.04 | 0.88 | 0.2 | < 0.1 | < 10 | 50.36 | 13.21 | 12.29 | 0.186 | 12.94 | 7.09 | 1.32 | 0.25 | 0.17 | < 0.01 | 0.027 | 2.26 |
| 13-001-205 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 61 | 0.05 | 0.89 | 0.3 | < 0.1 | < 10 | 50.53 | 13.38 | 12.88 | 0.185 | 12.27 | 7.51 | 1.50 | 0.26 | 0.22 | 0.01 | 0.035 | 1.69 |
| 13-001-206 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | < 5 | 0.03 | 0.52 | < 0.1 | < 0.1 | < 10 | 49.67 | 12.65 | 12.62 | 0.190 | 13.78 | 7.14 | 1.16 | 0.27 | 0.18 | < 0.01 | 0.030 | 2.44 |
| 13-001-207 | < 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 11 | 0.05 | 0.56 | < 0.1 | < 0.1 | < 10 | 49.43 | 12.69 | 12.60 | 0.193 | 13.65 | 7.41 | 1.15 | 0.32 | 0.18 | < 0.01 | 0.024 | 2.73 |
| 13-001-208 | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.003 | 11 | 0.06 | 0.85 | < 0.1 | < 0.1 | < 10 | 49.71 | 13.14 | 12.38 | 0.184 | 12.62 | 7.33 | 1.51 | 0.44 | 0.21 | < 0.01 | 0.027 | 3.07 |
| 13-001-209 | 0.1 | < 0.1 | < 0.1 | 0.28 | < 0.1 | 0.004 | 13 | 0.05 | 0.71 | < 0.1 | < 0.1 | < 10 | 49.73 | 12.75 | 12.75 | 0.194 | 12.35 | 7.38 | 1.44 | 0.34 | 0.24 | < 0.01 | 0.039 | 3.11 |
| 13-001-210 | 0.1 | < 0.1 | < 0.1 | < 0.05 | 0.2 | 0.004 | 2350 | 0.03 | 5.30 | 0.1 | < 0.1 | 40 | 44.88 | 22.58 | 7.07 | 0.086 | 8.84 | 12.94 | 1.16 | 0.11 | 0.10 | 0.01 | 0.011 | 2.50 |

| **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-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s PGE Tbay | LDI-Greenfield s 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 2 2013 10:59AM | May 2 2013 10:59AM | May 2 2013 10:59AM |
| 13-001-176 | 99.87 | < 0.01 | < 0.003 | < 0.004 | < 0.004 | < 0.01 | < 1 | 0.2 | 0.2 |
| 13-001-177 | 100.0 | 0.07 | 0.067 | 0.004 | 0.187 | 3.74 | 3560 | 1900 | 296 |
| 13-001-178 | 99.64 | 0.01 | 0.010 | < 0.004 | 0.005 | 0.05 | 3 | 1.1 | 0.8 |
| 13-001-179 | 100.6 | 0.02 | 0.042 | 0.004 | 0.007 | 0.07 | 6 | 76.1 | 18.0 |
| 13-001-180 | 100.6 | 0.11 | 0.138 | < 0.004 | 0.006 | 0.05 | 5 | 118 | 25.5 |
| 13-001-181 | 100.6 | 0.01 | 0.031 | 0.004 | 0.005 | 0.07 | 6 | 109 | 23.6 |
| 13-001-182 | 100.3 | 0.01 | 0.064 | 0.004 | 0.017 | 0.12 | 18 | 322 | 37.0 |
| 13-001-183 | 100.5 | 0.03 | 0.068 | 0.008 | 0.011 | 0.06 | 16 | 258 | 29.4 |
| 13-001-184 | 99.70 | 0.02 | 0.049 | 0.006 | 0.014 | 0.07 | 22 | 318 | 33.6 |
| 13-001-185 | 99.77 | 0.04 | 0.113 | 0.005 | 0.010 | 0.06 | 14 | 384 | 39.4 |
| 13-001-186 | 100.6 | 0.06 | 0.139 | 0.008 | 0.024 | 0.09 | 22 | 426 | 42.4 |
| 13-001-187 | 99.60 | 0.02 | 0.095 | 0.007 | 0.027 | 0.12 | 27 | 410 | 39.0 |
| 13-001-188 | 100.2 | 0.03 | 0.050 | 0.006 | 0.013 | 0.11 | 14 | 240 | 25.9 |
| 13-001-189 | 100.3 | 0.03 | 0.106 | 0.004 | 0.053 | 0.35 | 24 | 208 | 18.5 |
| 13-001-190 | 100.4 | 0.01 | 0.061 | 0.006 | 0.032 | 0.26 | 17 | 351 | 42.2 |
| 13-001-191 | 100.4 | 0.05 | 0.108 | 0.007 | 0.022 | 0.18 | 26 | 628 | 57.3 |
| 13-001-192 | 99.89 | 0.02 | 0.029 | < 0.004 | 0.008 | 0.18 | 2 | 19.8 | 1.8 |
| 13-001-193 | 100.0 | 0.03 | 0.054 | 0.004 | < 0.004 | 0.23 | 2 | 87.3 | 4.4 |
| 13-001-194 | 100.7 | 0.04 | 0.110 | 0.007 | 0.032 | 0.28 | 14 | 231 | 20.3 |
| 13-001-195 | 100.1 | 0.09 | 0.069 | 0.007 | 0.019 | 0.10 | 1260 | 6050 | 1330 |
| 13-001-196 | 100.2 | 0.04 | 0.051 | 0.007 | 0.006 | 0.04 | 3 | 81.1 | 6.5 |
| 13-001-197 | 100.5 | 0.03 | 0.039 | 0.009 | 0.004 | 0.03 | 2 | 98.8 | 4.0 |
| 13-001-198 | 100.5 | 0.10 | 0.179 | 0.012 | 0.007 | 0.05 | 5 | 142 | 10.7 |
| 13-001-199 | 100.3 | 0.05 | 0.065 | 0.006 | < 0.004 | 0.02 | 2 | 85.6 | 8.4 |
| 13-001-200 | 100.8 | 0.05 | 0.073 | 0.008 | 0.004 | 0.05 | 4 | 125 | 7.9 |
| 13-001-201 | 100.5 | 0.09 | 0.095 | 0.010 | < 0.004 | 0.03 | 2 | 87.3 | 3.7 |
| 13-001-202 | 100.4 | 0.03 | 0.042 | 0.004 | 0.026 | 0.11 | 9 | 107 | 9.8 |
| 13-001-203 | 100.2 | 0.07 | 0.072 | 0.009 | < 0.004 | 0.02 | 2 | 97.4 | 7.6 |
| 13-001-204 | 100.3 | 0.08 | 0.083 | 0.008 | 0.010 | 0.10 | 7 | 150 | 27.3 |
| 13-001-205 | 100.6 | 0.04 | 0.084 | 0.009 | 0.039 | 0.25 | 14 | 181 | 29.0 |
| 13-001-206 | 100.2 | 0.05 | 0.059 | 0.010 | < 0.004 | 0.03 | 1 | 81.7 | 16.4 |
| 13-001-207 | 100.5 | 0.05 | 0.051 | 0.004 | 0.010 | 0.08 | 5 | 129 | 18.8 |
| 13-001-208 | 100.8 | 0.04 | 0.074 | 0.014 | 0.013 | 0.21 | 4 | 174 | 16.2 |
| 13-001-209 | 100.5 | 0.04 | 0.069 | 0.010 | 0.015 | 0.15 | 5 | 139 | 12.1 |
| 13-001-210 | 100.5 | 0.08 | 0.071 | 0.004 | 0.018 | 0.09 | 1330 | 6390 | 1420 |

## 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-186 Replicate Original | 18.5 | < 0.1 | 2 | 0.527 | 2.99 | > 10.0 | 0.04 | 0.10 | 2.09 | 6.3 | 43 | 63.9 | 518 | 4.31 | 46.9 | 293 | 278 | 63.5 | 8.87 | < 0.1 | 0.3 | 0.5 | 1.5 | 77.5 |
| 13-001-186 LABDUP | 19.0 | < 0.1 | 2 | 0.530 | 3.02 | > 10.0 | 0.04 | 0.09 | 2.09 | 6.0 | 43 | 64.5 | 526 | 4.39 | 48.0 | 295 | 288 | 49.1 | 9.14 | < 0.1 | 0.5 | 0.4 | 1.5 | 78.5 |
| 13-001-195 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-195 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-200 Replicate Original | 11.3 | < 0.1 | 2 | 0.541 | 2.68 | 4.76 | 0.06 | 0.04 | 2.39 | 6.2 | 52 | 128 | 288 | 3.34 | 42.2 | 197 | 74.7 | 37.2 | 9.89 | < 0.1 | 0.6 | 0.2 | 2.6 | 88.9 |
| 13-001-200 LABDUP | 11.1 | < 0.1 | 2 | 0.543 | 2.68 | 4.77 | 0.06 | 0.04 | 2.36 | 6.1 | 52 | 129 | 287 | 3.33 | 41.8 | 195 | 75.3 | 37.8 | 9.82 | < 0.1 | 0.8 | 0.2 | 2.6 | 89.7 |
| 13-001-205 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-205 Split Original | 5.0 | 0.1 | 2 | 0.791 | 1.69 | > 10.0 | 0.09 | 0.03 | 3.37 | 7.5 | 78 | 102 | 287 | 3.56 | 46.2 | 344 | 457 | 31.6 | 10.6 | < 0.1 | 0.5 | 1.2 | 3.4 | 127 |
| 13-001-205 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-205 LABPREP | 4.8 | 0.1 | 2 | 0.774 | 1.64 | > 10.0 | 0.08 | 0.03 | 3.25 | 7.1 | 74 | 96.0 | 275 | 3.38 | 43.2 | 327 | 437 | 30.6 | 10.3 | < 0.1 | 0.8 | 1.1 | 3.2 | 121 |
| 13-001-207 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-207 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-186 Replicate Original | 0.94 | 0.7 | < 0.1 | 0.11 | 0.109 | 0.03 | < 0.02 | < 0.05 | 0.03 | 0.19 | 1.00 | 35.1 | 1.4 | 2.00 | 0.2 | 0.83 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-186 LABDUP | 0.92 | 1.0 | < 0.1 | 0.10 | 0.129 | 0.04 | < 0.02 | 0.06 | 0.04 | 0.17 | 1.02 | 34.2 | 1.4 | 1.98 | 0.2 | 0.84 | 0.1 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-195 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-195 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-200 Replicate Original | 0.69 | 0.7 | < 0.1 | 0.41 | 0.047 | 0.04 | < 0.02 | < 0.05 | < 0.02 | 0.02 | 1.19 | 28.4 | 1.1 | 1.31 | 0.2 | 0.58 | < 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-200 LABDUP | 0.70 | 1.0 | < 0.1 | 0.41 | 0.038 | 0.03 | < 0.02 | < 0.05 | 0.03 | 0.03 | 1.21 | 28.2 | 1.1 | 1.32 | 0.2 | 0.61 | 0.1 | < 0.1 | 0.1 | < 0.1 | 0.1 | < 0.1 | < 0.1 | < 0.1 |
| 13-001-205 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-205 Split Original | 1.12 | 0.9 | < 0.1 | 0.11 | 0.095 | 0.05 | < 0.02 | 0.08 | < 0.02 | 0.15 | 1.81 | 42.5 | 1.4 | 2.00 | 0.3 | 0.94 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-205 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-205 LABPREP | 1.09 | 0.9 | < 0.1 | 0.12 | 0.124 | 0.05 | < 0.02 | 0.07 | < 0.02 | 0.08 | 1.70 | 39.2 | 1.3 | 1.82 | 0.2 | 0.90 | 0.2 | 0.1 | 0.2 | < 0.1 | 0.2 | < 0.1 | 0.1 | < 0.1 |
| 13-001-207 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-207 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-185 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-186 Replicate Original | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 47 | < 0.02 | 0.61 | 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-186 LABDUP | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 77 | < 0.02 | 0.64 | 0.1 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-195 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-195 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-196 LABDUP | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-200 Replicate Original | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 10 | < 0.02 | 0.89 | 0.3 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-200 LABDUP | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | < 0.001 | 8 | 0.02 | 0.92 | 0.3 | < 0.1 | < 10 | | | | | | | | | | | | |
| 13-001-205 Replicate Original | | | | | | | | | | | | | 50.50 | 13.37 | 12.85 | 0.189 | 12.28 | 7.47 | 1.50 | 0.26 | 0.21 | 0.01 | 0.034 | 1.71 |
| 13-001-205 Split Original | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 61 | 0.05 | 0.89 | 0.3 | < 0.1 | < 10 | 50.53 | 13.38 | 12.88 | 0.185 | 12.27 | 7.51 | 1.50 | 0.26 | 0.22 | 0.01 | 0.035 | 1.69 |
| 13-001-205 LABDUP | | | | | | | | | | | | | 50.57 | 13.39 | 12.90 | 0.181 | 12.27 | 7.55 | 1.49 | 0.27 | 0.23 | 0.01 | 0.036 | 1.66 |
| 13-001-205 LABPREP | 0.1 | < 0.1 | < 0.1 | < 0.05 | < 0.1 | 0.001 | 27 | 0.04 | 0.89 | 0.2 | < 0.1 | < 10 | 50.59 | 13.32 | 12.86 | 0.189 | 12.33 | 7.51 | 1.51 | 0.25 | 0.24 | 0.01 | 0.038 | 1.71 |
| 13-001-207 Replicate Original | | | | | | | | | | | | | | | | | | | | | | | | |
| 13-001-207 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 | 2013-05-02 10:59:28 | 2013-05-02 10:59:28 | 2013-05-02 10:59:28 |
| 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 | | | | | | | 1300 | 6590 | 1500 |
| CDN-PGMS-22 LABSTD | | | | | | | 1350 | 6150 | 1320 |
| CDN-PGMS-23 LABSTD | | | | | | | 574 | 2250 | 485 |
| CDN-PGMS-23 LABSTD | | | | | | | 549 | 1970 | 425 |
| 13-001-185 Replicate Original | | | | | | 0.06 | | | |
| 13-001-185 LABDUP | | | | | | 0.06 | | | |
| 13-001-186 Replicate Original | | | | | | | 20 | 373 | 38.3 |
| 13-001-186 LABDUP | | | | | | | 25 | 479 | 46.5 |
| 13-001-195 Replicate Original | | | | | | 0.10 | | | |
| 13-001-195 LABDUP | | | | | | 0.10 | | | |
| 13-001-196 Replicate Original | | | | | | | 3 | 82.0 | 7.2 |
| 13-001-196 LABDUP | | | | | | | 3 | 80.2 | 5.8 |
| 13-001-200 Replicate Original | | | | | | | | | |
| 13-001-200 LABDUP | | | | | | | | | |
| 13-001-205 Replicate Original | 100.6 | 0.04 | 0.086 | 0.009 | 0.039 | 0.24 | | | |
| 13-001-205 Split Original | 100.6 | 0.04 | 0.084 | 0.009 | 0.039 | 0.25 | | | |
| 13-001-205 LABDUP | 100.7 | 0.04 | 0.082 | 0.009 | 0.039 | 0.25 | | | |
| 13-001-205 LABPREP | 100.7 | 0.03 | 0.082 | 0.007 | 0.039 | 0.25 | | | |
| 13-001-207 Replicate Original | | | | | | | 5 | 135 | 19.3 |
| 13-001-207 LABDUP | | | | | | | 5 | 122 | 18.3 |