| Date | Time | Reading | Sample ID | Notes | LE | LE +/- | P | P +/- | S | S +/- | Cl | Cl +/- | K | K +/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30-Jul-08 | 11:03:53 | 1 | Standardization | | | | | | | | | | | |
| 30-Jul-08 | 11:07:04 | 2 | NIST 2702 | | <LOD | 0 | <LOD | 18362 | 18329 | 2489 | 3016 | 585 | 24209 | 689 |
| 30-Jul-08 | 11:09:22 | 3 | NIST 2702 | | <LOD | 0 | <LOD | 21106 | 21574 | 2699 | 2965 | 611 | 24787 | 720 |
| 30-Jul-08 | 11:11:55 | 4 | NIST 2781 | | <LOD | 0 | 23293 | 6588 | 25520 | 2160 | 1962 | 381 | 6099 | 258 |
| 30-Jul-08 | 11:14:18 | 5 | NIST 2781 | | <LOD | 0 | 19616 | 6412 | 19903 | 2013 | 1961 | 382 | 6179 | 261 |
| 30-Jul-08 | 13:02:37 | 31 | JM-10 | | <LOD | 0 | <LOD | 9549 | <LOD | 3124 | <LOD | 1527 | 777 | 194 |
| 30-Jul-08 | 13:05:19 | 32 | JM-10 | other side | <LOD | 0 | <LOD | 24721 | <LOD | 10442 | 66107 | 2190 | 1117 | 263 |
| 30-Jul-08 | 13:08:52 | 33 | JM-12 | | <LOD | 0 | <LOD | 14109 | <LOD | 4327 | <LOD | 1918 | <LOD | 717 |
| 30-Jul-08 | 13:12:06 | 34 | JM-12 | other side | <LOD | 0 | <LOD | 14295 | <LOD | 4409 | <LOD | 1703 | <LOD | 647 |
| 30-Jul-08 | 13:15:19 | 35 | GF 1183 4083 | | <LOD | 0 | <LOD | 11867 | <LOD | 4254 | 2769 | 599 | <LOD | 583 |
| 30-Jul-08 | 13:18:05 | 36 | GF 1183 4083 | other side | <LOD | 0 | <LOD | 8115 | <LOD | 2873 | <LOD | 1298 | 502 | 156 |
| 30-Jul-08 | 13:21:07 | 37 | JIAAW 1605 | | <LOD | 0 | <LOD | 6771 | <LOD | 2021 | <LOD | 850 | <LOD | 313 |
| 30-Jul-08 | 13:23:33 | 38 | JIAAW 1605 | other side | <LOD | 0 | <LOD | 5626 | <LOD | 1816 | <LOD | 721 | <LOD | 274 |
| 30-Jul-08 | 13:26:12 | 39 | JIAAW 1631 | | <LOD | 0 | <LOD | 8612 | <LOD | 2803 | <LOD | 1298 | 530 | 163 |
| 30-Jul-08 | 13:29:01 | 40 | JIAAW 1631 | other side | <LOD | 0 | <LOD | 9321 | <LOD | 2808 | <LOD | 1280 | 531 | 164 |
| 30-Jul-08 | 13:32:15 | 41 | JIAAW 1608 | | <LOD | 0 | <LOD | 10091 | <LOD | 3116 | <LOD | 1487 | 701 | 189 |
| 30-Jul-08 | 13:34:37 | 42 | JIAAW 1608 | other side | <LOD | 0 | <LOD | 8783 | <LOD | 2633 | <LOD | 1228 | 1152 | 170 |
| 30-Jul-08 | 14:21:49 | 59 | NIST 2781 | | <LOD | 0 | <LOD | 20082 | 19271 | 2118 | 2931 | 437 | 6487 | 282 |
| 30-Jul-08 | 14:24:04 | 60 | NIST 2702 | | <LOD | 0 | <LOD | 19957 | 16988 | 2556 | 2411 | 614 | 24152 | 722 |

| Ca | Ca +/- | Ti | Ti +/- | Cr | Cr +/- | Mn | Mn +/- | Fe | Fe +/- | Co | Co +/- | Ni | Ni +/- | Cu | Cu +/- | Zn | Zn +/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4563 | 231 | 11114 | 341 | 354 | 23 | 1644 | 45 | 83669 | 1525 | 375 | 123 | <LOD | 77 | 98 | 12 | 416 | 15 |
| 4192 | 232 | 11765 | 364 | 386 | 24 | 1703 | 48 | 88124 | 1649 | <LOD | 369 | <LOD | 74 | 97 | 12 | 405 | 15 |
| 53144 | 870 | 4046 | 151 | 205 | 13 | 831 | 22 | 33900 | 486 | <LOD | 186 | 87 | 17 | 579 | 17 | 1233 | 23 |
| 54164 | 890 | 4019 | 151 | 197 | 13 | 857 | 23 | 34135 | 492 | <LOD | 183 | <LOD | 47 | 577 | 17 | 1212 | 22 |
| <LOD | 283 | <LOD | 148 | <LOD | 25 | 75 | 11 | 3188 | 74 | <LOD | 85 | <LOD | 43 | <LOD | 31 | <LOD | 14 |
| 32188 | 859 | 12813 | 390 | 137 | 14 | 204 | 17 | 8952 | 204 | <LOD | 146 | 159 | 24 | <LOD | 32 | 28 | 6 |
| 8380 | 337 | 242 | 64 | <LOD | 27 | 67 | 12 | 893 | 33 | <LOD | 48 | <LOD | 42 | <LOD | 29 | <LOD | 13 |
| 10605 | 372 | 318 | 58 | <LOD | 26 | 59 | 11 | 733 | 28 | <LOD | 35 | <LOD | 37 | <LOD | 23 | <LOD | 11 |
| 1324 | 132 | <LOD | 121 | <LOD | 24 | 52 | 10 | 555 | 23 | <LOD | 46 | <LOD | 39 | <LOD | 25 | <LOD | 12 |
| 1066 | 107 | <LOD | 103 | <LOD | 20 | 32 | 8 | 233 | 14 | <LOD | 33 | <LOD | 30 | <LOD | 21 | <LOD | 9 |
| <LOD | 166 | <LOD | 87 | <LOD | 16 | 40 | 7 | 487 | 16 | <LOD | 28 | <LOD | 29 | <LOD | 18 | <LOD | 9 |
| <LOD | 163 | <LOD | 88 | <LOD | 15 | 29 | 6 | 566 | 16 | <LOD | 31 | <LOD | 27 | <LOD | 18 | <LOD | 9 |
| <LOD | 212 | <LOD | 114 | <LOD | 22 | 35 | 9 | 723 | 24 | <LOD | 36 | <LOD | 34 | <LOD | 22 | <LOD | 10 |
| 598 | 96 | <LOD | 126 | 24 | 8 | 47 | 9 | 1063 | 30 | <LOD | 42 | <LOD | 34 | <LOD | 23 | <LOD | 11 |
| <LOD | 249 | <LOD | 157 | <LOD | 23 | 54 | 10 | 478 | 21 | <LOD | 36 | <LOD | 37 | <LOD | 24 | <LOD | 11 |
| 623 | 93 | <LOD | 169 | 23 | 7 | 41 | 8 | 1187 | 31 | <LOD | 36 | <LOD | 33 | <LOD | 22 | <LOD | 10 |
| 53020 | 921 | 4097 | 160 | 224 | 14 | 828 | 24 | 33405 | 508 | <LOD | 192 | 80 | 17 | 563 | 18 | 1227 | 24 |
| 3945 | 231 | 11867 | 368 | 391 | 24 | 1594 | 47 | 85992 | 1644 | <LOD | 371 | <LOD | 79 | 77 | 12 | 420 | 15 |

| As | As +/- | Se | Se +/- | Rb | Rb +/- | Sr | Sr +/- | Zr | Zr +/- | Mo | Mo +/- | Ag | Ag +/- | Cd | Cd +/- | Sn | Sn +/- |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 8 | <LOD | 5 | 118 | 4 | 108 | 4 | 269 | 6 | 11 | 3 | <LOD | 43 | <LOD | 55 | <LOD | 95 |
| 49 | 8 | 7 | 2 | 118 | 4 | 112 | 4 | 269 | 6 | 15 | 3 | <LOD | 43 | <LOD | 56 | <LOD | 94 |
| <LOD | 21 | 20 | 2 | 30 | 2 | 225 | 4 | 259 | 5 | 43 | 3 | <LOD | 36 | <LOD | 44 | <LOD | 75 |
| <LOD | 21 | 19 | 2 | 28 | 2 | 218 | 4 | 261 | 5 | 41 | 3 | <LOD | 35 | <LOD | 44 | <LOD | 74 |
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| <LOD | 9 | <LOD | 4 | <LOD | 4 | 12 | 2 | <LOD | 7 | <LOD | 9 | <LOD | 44 | <LOD | 59 | <LOD | 104 |
| <LOD | 8 | <LOD | 3 | <LOD | 3 | 16 | 2 | 7 | 2 | <LOD | 8 | <LOD | 41 | <LOD | 54 | <LOD | 94 |
| <LOD | 21 | 18 | 2 | 33 | 2 | 211 | 4 | 244 | 5 | 37 | 3 | <LOD | 37 | <LOD | 46 | <LOD | 77 |
| 62 | 8 | <LOD | 5 | 117 | 4 | 109 | 4 | 263 | 6 | <LOD | 10 | <LOD | 44 | <LOD | 57 | <LOD | 96 |

| Sb | Sb +/- | I | I +/- | Ba | Ba +/- | Hg | Hg +/- | Pb | Pb +/- |
|---|---|---|---|---|---|---|---|---|---|
| <LOD | 96 | <LOD | 614 | 1233 | 101 | <LOD | 15 | 130 | 7 |
| 100 | 32 | <LOD | 650 | 1301 | 107 | <LOD | 12 | 124 | 7 |
| <LOD | 75 | <LOD | 555 | 523 | 51 | <LOD | 12 | 200 | 7 |
| <LOD | 74 | <LOD | 560 | 487 | 51 | <LOD | 11 | 184 | 7 |
| <LOD | 127 | <LOD | 153 | <LOD | 72 | <LOD | 16 | <LOD | 14 |
| <LOD | 134 | 1180 | 286 | <LOD | 230 | <LOD | 15 | <LOD | 14 |
| <LOD | 128 | <LOD | 313 | <LOD | 83 | <LOD | 12 | <LOD | 12 |
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| <LOD | 85 | <LOD | 87 | <LOD | 45 | <LOD | 8 | <LOD | 7 |
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| <LOD | 77 | 733 | 198 | 486 | 54 | <LOD | 11 | 180 | 7 |
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