

Silt Data - GSC Open File 5696 / YGS Open File 2008-3

| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1002 | 0 | 0.5 | 230 | 1.06 | 9 | 9.7 | 2 | 10.0 | | | 3 | 1450 | 405.0 | 0.22 |
| 105G_1987_1003 | 0 | 0.2 | 176 | 0.54 | 5 | 9.1 | 3 | 10.0 | | | 4 | 2130 | 908.3 | 0.14 |
| 105G_1987_1004 | 0 | 0.2 | 345 | 0.70 | 15 | 14.8 | 2 | 10.0 | | | 4 | 3170 | 892.1 | 0.15 |
| 105G_1987_1005 | 0 | <0.2 | 29 | 0.44 | 1 | 0.8 | <1 | 10.0 | | | 4 | 558 | 118.6 | 0.03 |
| 105G_1987_1006 | 1 | <0.2 | 121 | 0.58 | 8 | 7.6 | <1 | 10.0 | | | 3 | 1650 | 444.2 | 0.17 |
| 105G_1987_1007 | 2 | <0.2 | 119 | 0.57 | 7 | 7.4 | <1 | 10.0 | | | 3 | 1590 | 364.1 | 0.19 |
| 105G_1987_1008 | 0 | 0.2 | 268 | 0.72 | 5 | 5.7 | 4 | 10.0 | | | 5 | 1310 | 352.0 | 0.17 |
| 105G_1987_1009 | 0 | <0.2 | 172 | 0.64 | 7 | 6.6 | <1 | 10.0 | | | 3 | 1430 | 338.6 | 0.17 |
| 105G_1987_1010 | 0 | 0.3 | 332 | 0.72 | 9 | 9.9 | <1 | 10.0 | | | 3 | 1500 | 413.1 | 0.20 |
| 105G_1987_1011 | 0 | 0.2 | 301 | 0.46 | 7 | 7.2 | <1 | 10.0 | | | 4 | 1400 | 342.1 | 0.13 |
| 105G_1987_1012 | 0 | 0.7 | 516 | 0.65 | 9 | 10.2 | <1 | 10.0 | | | 5 | 1540 | 421.1 | 0.15 |
| 105G_1987_1013 | 0 | 0.2 | 389 | 0.52 | 11 | 10.5 | 3 | 10.0 | | | 5 | 1530 | 372.5 | 0.14 |
| 105G_1987_1014 | 0 | <0.2 | 136 | 0.60 | 16 | 20.6 | <4 | 2.5 | | | 9 | 754 | 368.7 | 0.08 |
| 105G_1987_1015 | 0 | <0.2 | 227 | 1.33 | 19 | 19.7 | 1 | 10.0 | | | 3 | 1250 | 285.6 | 0.36 |
| 105G_1987_1016 | 0 | 0.4 | 299 | 0.78 | 16 | 15.9 | 2 | 10.0 | | | 4 | 1280 | 350.9 | 0.23 |
| 105G_1987_1017 | 0 | <0.2 | 247 | 0.39 | 19 | 17.8 | 1 | 10.0 | | | 4 | 1600 | 327.7 | 0.11 |
| 105G_1987_1019 | 0 | 1.1 | 890 | 0.47 | 12 | 13.2 | 4 | 10.0 | | | 4 | 1270 | 258.4 | 0.14 |
| 105G_1987_1020 | 0 | 0.5 | 429 | 0.61 | 8 | 8.3 | 3 | 10.0 | | | 4 | 2230 | 567.0 | 0.16 |
| 105G_1987_1022 | 0 | 0.4 | 326 | 0.51 | 20 | 20.1 | <1 | 10.0 | | | 5 | 1900 | 900.9 | 0.11 |
| 105G_1987_1023 | 0 | <0.2 | 230 | 0.47 | 12 | 13.4 | <1 | 10.0 | | | 4 | 1740 | 707.3 | 0.10 |
| 105G_1987_1024 | 0 | 0.6 | 510 | 0.58 | 13 | 15.2 | <1 | 10.0 | | | 3 | 2190 | 731.2 | 0.19 |
| 105G_1987_1025 | 1 | 0.2 | 201 | 0.96 | 20 | 37.2 | 4 | 10.0 | 4 | 2.5 | 5 | 2610 | 1171.6 | 0.15 |
| 105G_1987_1026 | 2 | 0.2 | 188 | 0.93 | 21 | 40.8 | 13 | 10.0 | 23 | 1.0 | 5 | 2720 | 1256.4 | 0.15 |
| 105G_1987_1027 | 0 | 0.7 | 531 | 0.76 | 20 | 28.7 | 4 | 10.0 | | | 5 | 1440 | 385.0 | 0.15 |
| 105G_1987_1028 | 0 | <0.2 | 238 | 0.86 | 7 | 6.6 | <1 | 10.0 | | | 5 | 1350 | 309.4 | 0.16 |
| 105G_1987_1029 | 0 | <0.2 | 132 | 0.51 | 4 | 3.9 | <1 | 10.0 | | | 10 | 1390 | 296.0 | 0.06 |
| 105G_1987_1030 | 0 | <0.2 | 123 | 0.40 | 3 | 2.1 | <1 | 10.0 | | | 7 | 1060 | 230.8 | 0.04 |
| 105G_1987_1031 | 0 | 0.2 | 165 | 0.43 | 13 | 22.1 | <1 | 10.0 | | | 6 | 771 | 245.1 | 0.10 |
| 105G_1987_1032 | 0 | 0.2 | 266 | 0.90 | 6 | 6.4 | <1 | 10.0 | | | 3 | 1460 | 414.2 | 0.16 |
| 105G_1987_1033 | 0 | <0.2 | 142 | 0.44 | 4 | 3.3 | <1 | 10.0 | | | 6 | 1010 | 241.2 | 0.09 |
| 105G_1987_1034 | 0 | <0.2 | 263 | 0.53 | 8 | 10.7 | 3 | 10.0 | | | 3 | 1590 | 291.0 | 0.13 |
| 105G_1987_1035 | 0 | <0.2 | 196 | 0.99 | 13 | 14.0 | <1 | 10.0 | | | 3 | 1300 | 295.0 | 0.13 |
| 105G_1987_1036 | 0 | 0.2 | 275 | 1.25 | 15 | 13.9 | <1 | 10.0 | | | 2 | 1510 | 295.2 | 0.22 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|------------------|----------------|--------------------|--------------|-------------------|-------------------|--------------|--------------------|---------------|-----------------|------------------|-------------------|------------------|-----------------|
| | | ICP-MS % 0.01 | AAS ppm 0.2 | ICP-MS ppm 0.01 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS ppm 0.5 | AAS ppm 2 | ICP-MS ppm 0.01 | ISE ppm 20 | AAS pct 0.02 | ICP-MS % 0.01 | ICP-MS ppm 0.2 | CV-AAS ppb 10 | ICP-MS ppb 5 |
| 105G_1987_1002 | 0 | 0.69 | 0.9 | 1.13 | 12 | 10.7 | 33.1 | 37 | 32.91 | 365 | 2.48 | 2.26 | 3.1 | 260 | 120 |
| 105G_1987_1003 | 0 | 1.25 | 0.7 | 1.04 | 8 | 7.3 | 10.6 | 26 | 24.38 | 605 | 1.54 | 1.56 | 1.6 | 100 | 99 |
| 105G_1987_1004 | 0 | 0.77 | 2.7 | 2.79 | 9 | 9.0 | 15.1 | 41 | 36.99 | 825 | 2.02 | 1.98 | 1.9 | 155 | 129 |
| 105G_1987_1005 | 0 | 1.25 | <0.2 | 0.27 | 2 | 2.1 | 2.2 | 9 | 8.56 | 200 | 0.50 | 0.38 | 1.1 | 30 | 44 |
| 105G_1987_1006 | 1 | 0.54 | 0.4 | 0.62 | 6 | 5.6 | 10.9 | 17 | 15.58 | 520 | 1.49 | 1.30 | 1.8 | 65 | 68 |
| 105G_1987_1007 | 2 | 0.56 | 0.3 | 0.63 | 6 | 5.4 | 11.2 | 19 | 15.82 | 655 | 1.60 | 1.32 | 1.8 | 70 | 64 |
| 105G_1987_1008 | 0 | 1.40 | 1.4 | 1.80 | 7 | 7.2 | 12.1 | 31 | 28.92 | 475 | 1.59 | 1.16 | 1.9 | 110 | 118 |
| 105G_1987_1009 | 0 | 0.77 | 0.4 | 0.68 | 6 | 5.5 | 10.9 | 20 | 18.63 | 555 | 1.45 | 1.18 | 1.9 | 95 | 82 |
| 105G_1987_1010 | 0 | 0.78 | 1.6 | 1.73 | 10 | 9.6 | 12.9 | 38 | 33.69 | 590 | 2.86 | 2.39 | 2.1 | 150 | 118 |
| 105G_1987_1011 | 0 | 0.83 | 2.5 | 2.91 | 7 | 7.5 | 10.8 | 38 | 37.35 | 525 | 1.68 | 1.37 | 1.3 | 145 | 118 |
| 105G_1987_1012 | 0 | 1.25 | 3.5 | 3.53 | 10 | 9.8 | 26.2 | 48 | 40.69 | 415 | 2.77 | 2.27 | 1.7 | 155 | 171 |
| 105G_1987_1013 | 0 | 1.89 | 2.3 | 2.31 | 6 | 6.4 | 10.7 | 40 | 36.79 | 760 | 1.27 | 1.35 | 1.5 | 95 | 84 |
| 105G_1987_1014 | 0 | 1.95 | 1.3 | 1.63 | 9 | 9.1 | 6.0 | 28 | 28.23 | 225 | 2.16 | 2.11 | 1.4 | 95 | 115 |
| 105G_1987_1015 | 0 | 0.61 | 0.8 | 0.95 | 13 | 13.3 | 21.5 | 36 | 31.60 | 425 | 2.88 | 2.63 | 4.0 | 60 | 56 |
| 105G_1987_1016 | 0 | 1.25 | 2.9 | 2.81 | 9 | 9.8 | 14.0 | 37 | 32.89 | 550 | 2.07 | 1.97 | 2.2 | 65 | 76 |
| 105G_1987_1017 | 0 | 1.74 | 3.7 | 3.56 | 6 | 5.4 | 7.8 | 34 | 29.59 | 495 | 1.16 | 1.23 | 1.1 | 95 | 75 |
| 105G_1987_1019 | 0 | 1.43 | 3.5 | 3.56 | 11 | 10.3 | 14.8 | 84 | 72.52 | 725 | 2.74 | 3.12 | 1.2 | 200 | 189 |
| 105G_1987_1020 | 0 | 0.96 | 3.1 | 3.14 | 9 | 9.5 | 25.4 | 49 | 46.68 | 540 | 1.71 | 1.74 | 1.8 | 120 | 118 |
| 105G_1987_1022 | 0 | 1.18 | 2.2 | 2.43 | 9 | 9.2 | 11.2 | 31 | 28.66 | 590 | 1.94 | 2.10 | 1.5 | 65 | 81 |
| 105G_1987_1023 | 0 | 1.07 | 1.7 | 1.77 | 6 | 6.3 | 9.7 | 23 | 21.91 | 640 | 1.47 | 1.42 | 1.3 | 60 | 57 |
| 105G_1987_1024 | 0 | 2.48 | 4.2 | 4.06 | 7 | 7.3 | 11.3 | 55 | 49.46 | 675 | 1.75 | 1.88 | 1.5 | 155 | 156 |
| 105G_1987_1025 | 1 | 1.76 | 1.0 | 1.44 | 21 | 22.5 | 42.1 | 40 | 36.96 | 315 | 3.94 | 4.48 | 2.9 | 120 | 133 |
| 105G_1987_1026 | 2 | 1.73 | 0.9 | 1.39 | 21 | 22.9 | 40.2 | 39 | 35.20 | 310 | 4.46 | 4.78 | 2.9 | 125 | 130 |
| 105G_1987_1027 | 0 | 2.15 | 3.2 | 3.14 | 17 | 16.7 | 46.0 | 76 | 67.74 | 390 | 2.10 | 2.19 | 2.2 | 245 | 203 |
| 105G_1987_1028 | 0 | 1.48 | 0.9 | 1.10 | 8 | 8.3 | 31.1 | 45 | 39.29 | 425 | 1.81 | 1.52 | 2.5 | 95 | 94 |
| 105G_1987_1029 | 0 | 1.00 | 0.3 | 0.54 | 4 | 4.5 | 22.5 | 23 | 21.27 | 440 | 1.16 | 0.94 | 1.7 | 60 | 77 |
| 105G_1987_1030 | 0 | 1.32 | 0.3 | 0.44 | 3 | 2.8 | 14.9 | 20 | 17.47 | 375 | 0.83 | 0.68 | 1.2 | 60 | 59 |
| 105G_1987_1031 | 0 | 1.32 | 0.8 | 1.18 | 11 | 11.3 | 14.7 | 29 | 27.76 | 230 | 3.20 | 3.06 | 1.4 | 95 | 120 |
| 105G_1987_1032 | 0 | 0.63 | 0.4 | 0.72 | 8 | 7.8 | 26.9 | 27 | 24.79 | 495 | 2.55 | 2.15 | 2.6 | 95 | 110 |
| 105G_1987_1033 | 0 | 2.05 | 0.6 | 0.79 | 5 | 4.3 | 11.5 | 40 | 36.56 | 320 | 0.83 | 0.85 | 1.2 | 125 | 133 |
| 105G_1987_1034 | 0 | 2.84 | 1.1 | 1.37 | 9 | 10.3 | 15.0 | 30 | 27.73 | 640 | 1.36 | 1.84 | 1.5 | 60 | 68 |
| 105G_1987_1035 | 0 | 0.91 | 0.6 | 0.72 | 12 | 12.8 | 41.6 | 39 | 35.76 | 395 | 2.43 | 1.98 | 3.0 | 65 | 77 |
| 105G_1987_1036 | 0 | 1.09 | 0.7 | 1.02 | 14 | 14.7 | 35.8 | 56 | 50.22 | 480 | 2.76 | 2.75 | 3.5 | 95 | 106 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1002 | 0 | 0.09 | 12.3 | 10.0 | 0.63 | 659 | 702 | <2 | 0.99 | 0.010 | 49 | 40.2 | 0.115 | 17 | 13.05 |
| 105G_1987_1003 | 0 | 0.09 | 13.8 | 7.0 | 0.67 | 280 | 303 | 2 | 2.47 | 0.006 | 29 | 22.2 | 0.154 | 15 | 10.97 |
| 105G_1987_1004 | 0 | 0.10 | 14.4 | 6.0 | 0.32 | 221 | 287 | 4 | 4.76 | 0.005 | 49 | 40.5 | 0.284 | 17 | 15.57 |
| 105G_1987_1005 | 0 | 0.02 | 2.2 | 39.6 | 0.16 | 454 | 444 | 3 | 2.32 | 0.039 | 8 | 4.2 | 0.062 | 3 | 1.10 |
| 105G_1987_1006 | 1 | 0.07 | 14.2 | 3.6 | 0.28 | 166 | 198 | <2 | 0.93 | 0.005 | 20 | 17.4 | 0.181 | 11 | 8.98 |
| 105G_1987_1007 | 2 | 0.07 | 14.1 | 2.8 | 0.29 | 178 | 187 | <2 | 0.89 | 0.004 | 21 | 18.0 | 0.187 | 13 | 9.69 |
| 105G_1987_1008 | 0 | 0.07 | 7.6 | 32.4 | 0.33 | 148 | 141 | <2 | 1.06 | 0.014 | 27 | 21.4 | 0.105 | 13 | 10.62 |
| 105G_1987_1009 | 0 | 0.09 | 10.5 | 8.0 | 0.30 | 340 | 349 | <2 | 0.84 | 0.009 | 20 | 16.7 | 0.119 | 12 | 11.33 |
| 105G_1987_1010 | 0 | 0.06 | 11.1 | 11.8 | 0.26 | 1253 | 1254 | 4 | 3.53 | 0.009 | 37 | 31.0 | 0.129 | 15 | 12.21 |
| 105G_1987_1011 | 0 | 0.08 | 10.6 | 10.2 | 0.28 | 438 | 431 | 2 | 2.65 | 0.005 | 39 | 36.6 | 0.131 | 13 | 10.68 |
| 105G_1987_1012 | 0 | 0.08 | 9.2 | 23.8 | 0.50 | 1896 | 1357 | 2 | 1.76 | 0.010 | 63 | 57.6 | 0.142 | 15 | 12.76 |
| 105G_1987_1013 | 0 | 0.10 | 11.2 | 6.6 | 0.52 | 190 | 206 | 4 | 5.24 | 0.006 | 41 | 37.0 | 0.189 | 14 | 12.07 |
| 105G_1987_1014 | 0 | 0.02 | 3.8 | 57.8 | 0.13 | 535 | 521 | 3 | 4.39 | 0.024 | 21 | 17.0 | 0.106 | 7 | 4.12 |
| 105G_1987_1015 | 0 | 0.10 | 21.0 | 7.4 | 0.52 | 530 | 646 | <2 | 0.97 | 0.018 | 33 | 28.6 | 0.109 | 48 | 45.27 |
| 105G_1987_1016 | 0 | 0.10 | 15.6 | 6.8 | 0.66 | 511 | 557 | 4 | 4.75 | 0.009 | 44 | 39.9 | 0.133 | 33 | 28.19 |
| 105G_1987_1017 | 0 | 0.08 | 10.9 | 7.0 | 0.57 | 264 | 278 | 7 | 6.96 | 0.005 | 54 | 47.5 | 0.112 | 16 | 11.49 |
| 105G_1987_1019 | 0 | 0.08 | 12.3 | 14.8 | 0.55 | 246 | 262 | 3 | 5.54 | 0.007 | 61 | 48.0 | 0.184 | 19 | 13.90 |
| 105G_1987_1020 | 0 | 0.08 | 11.6 | 9.2 | 0.58 | 457 | 512 | 2 | 3.21 | 0.006 | 58 | 51.3 | 0.160 | 17 | 13.69 |
| 105G_1987_1022 | 0 | 0.09 | 13.2 | 9.9 | 0.40 | 289 | 329 | 3 | 4.86 | 0.006 | 56 | 47.4 | 0.185 | 12 | 10.49 |
| 105G_1987_1023 | 0 | 0.08 | 12.0 | 4.4 | 0.42 | 362 | 382 | <2 | 3.57 | 0.005 | 37 | 32.6 | 0.164 | 11 | 10.42 |
| 105G_1987_1024 | 0 | 0.07 | 14.4 | 3.8 | 0.67 | 233 | 254 | 6 | 4.32 | 0.014 | 51 | 44.1 | 0.147 | 22 | 19.75 |
| 105G_1987_1025 | 1 | 0.13 | 8.7 | 35.0 | 0.80 | >20000 | >10000 | 7 | 2.49 | 0.012 | 124 | 116.2 | 0.164 | 13 | 10.56 |
| 105G_1987_1026 | 2 | 0.12 | 8.6 | 35.2 | 0.77 | >20000 | >10000 | <2 | 2.71 | 0.011 | 131 | 122.8 | 0.165 | 14 | 10.51 |
| 105G_1987_1027 | 0 | 0.09 | 6.9 | 40.4 | 0.87 | 1680 | 1216 | 3 | 2.30 | 0.009 | 103 | 92.7 | 0.127 | 16 | 12.11 |
| 105G_1987_1028 | 0 | 0.11 | 9.7 | 33.4 | 0.68 | 353 | 331 | <2 | 0.61 | 0.012 | 46 | 38.5 | 0.101 | 11 | 9.55 |
| 105G_1987_1029 | 0 | 0.06 | 7.3 | 21.0 | 0.57 | 210 | 195 | <2 | 0.88 | 0.009 | 34 | 29.6 | 0.159 | 4 | 5.00 |
| 105G_1987_1030 | 0 | 0.06 | 5.8 | 31.2 | 0.41 | 137 | 129 | <2 | 0.50 | 0.012 | 25 | 19.5 | 0.170 | 4 | 3.80 |
| 105G_1987_1031 | 0 | 0.08 | 4.3 | 51.0 | 0.32 | 548 | 598 | 6 | 5.45 | 0.015 | 41 | 38.4 | 0.173 | 7 | 6.65 |
| 105G_1987_1032 | 0 | 0.10 | 7.2 | 12.0 | 0.61 | 461 | 467 | 3 | 2.41 | 0.010 | 45 | 40.1 | 0.134 | 10 | 9.33 |
| 105G_1987_1033 | 0 | 0.05 | 5.4 | 32.2 | 0.39 | 114 | 109 | <2 | 0.66 | 0.024 | 38 | 32.5 | 0.069 | 6 | 5.28 |
| 105G_1987_1034 | 0 | 0.06 | 8.5 | 15.4 | 0.70 | 282 | 298 | 2 | 1.26 | 0.011 | 41 | 34.4 | 0.105 | 17 | 15.35 |
| 105G_1987_1035 | 0 | 0.09 | 9.9 | 16.6 | 0.73 | 940 | 900 | <2 | 0.60 | 0.009 | 51 | 46.9 | 0.138 | 12 | 9.17 |
| 105G_1987_1036 | 0 | 0.12 | 15.4 | 8.0 | 0.84 | 329 | 366 | <2 | 1.98 | 0.013 | 58 | 52.5 | 0.105 | 14 | 12.62 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|-------------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_1002 | 0 | 0.07 | 1.1 | 1.14 | 3.0 | 1.1 | 5 | 39.5 | 0.02 | 3.5 | 0.014 | 0.13 | 1.3 | 3.8 | |
| 105G_1987_1003 | 0 | 0.07 | 1.2 | 1.34 | 2.1 | 1.0 | 8 | 54.8 | 0.02 | 3.6 | 0.005 | 0.12 | 1.2 | 4.0 | |
| 105G_1987_1004 | 0 | 0.04 | 2.8 | 3.18 | 2.2 | 2.1 | 5 | 89.2 | 0.03 | 3.6 | 0.005 | 0.20 | 3.2 | 6.2 | |
| 105G_1987_1005 | 0 | 0.58 | 0.2 | 0.28 | 0.6 | 0.7 | 5 | 52.2 | <0.02 | 0.1 | 0.014 | 0.03 | 0.2 | 1.5 | |
| 105G_1987_1006 | 1 | 0.05 | 0.8 | 0.89 | 1.6 | 0.6 | 4 | 47.4 | 0.02 | 4.0 | 0.009 | 0.11 | 1.2 | 3.0 | |
| 105G_1987_1007 | 2 | 0.02 | 0.8 | 0.87 | 1.6 | 0.5 | 4 | 49.2 | 0.02 | 4.0 | 0.008 | 0.11 | 1.3 | 3.2 | |
| 105G_1987_1008 | 0 | 0.65 | 0.7 | 1.12 | 1.8 | 2.0 | 6 | 64.1 | 0.02 | 2.2 | 0.005 | 0.13 | 2.5 | 4.0 | |
| 105G_1987_1009 | 0 | 0.05 | 0.8 | 0.86 | 1.7 | 0.7 | 5 | 49.5 | 0.02 | 2.6 | 0.006 | 0.11 | 1.1 | 2.8 | |
| 105G_1987_1010 | 0 | 0.05 | 1.6 | 1.89 | 2.2 | 2.0 | 4 | 58.4 | 0.05 | 3.1 | 0.005 | 0.11 | 2.0 | 4.4 | |
| 105G_1987_1011 | 0 | 0.05 | 1.0 | 1.93 | 1.7 | 1.4 | 6 | 51.3 | 0.03 | 2.4 | 0.005 | 0.13 | 1.9 | 3.6 | |
| 105G_1987_1012 | 0 | 0.11 | 0.9 | 2.21 | 2.2 | 2.3 | 5 | 61.5 | 0.03 | 1.8 | 0.008 | 0.14 | 1.8 | 4.2 | |
| 105G_1987_1013 | 0 | 0.04 | 1.4 | 3.60 | 1.6 | 2.1 | 5 | 61.5 | 0.03 | 3.1 | 0.006 | 0.16 | 2.1 | 4.1 | |
| 105G_1987_1014 | 0 | 0.44 | 0.4 | 0.91 | 0.7 | 1.3 | 7 | 154.5 | 0.03 | 0.4 | 0.010 | 0.07 | 6.0 | 6.9 | |
| 105G_1987_1015 | 0 | 0.03 | 0.9 | 0.87 | 2.5 | 1.2 | 4 | 50.1 | 0.02 | 5.8 | 0.015 | 0.16 | 1.5 | 3.9 | |
| 105G_1987_1016 | 0 | 0.05 | 2.0 | 2.42 | 2.0 | 1.8 | 6 | 46.0 | 0.03 | 4.0 | 0.008 | 0.16 | 1.5 | 3.8 | |
| 105G_1987_1017 | 0 | 0.05 | 3.6 | 5.42 | 1.4 | 2.5 | 8 | 41.9 | 0.03 | 2.8 | 0.004 | 0.19 | 2.0 | 4.1 | |
| 105G_1987_1019 | 0 | 0.14 | 4.0 | 5.33 | 2.7 | 4.2 | 5 | 51.4 | 0.04 | 3.0 | 0.006 | 0.18 | 3.1 | 6.4 | |
| 105G_1987_1020 | 0 | 0.05 | 1.2 | 2.53 | 2.5 | 2.2 | 4 | 54.9 | 0.04 | 3.0 | 0.012 | 0.13 | 1.6 | 3.4 | |
| 105G_1987_1022 | 0 | 0.07 | 2.2 | 3.00 | 1.6 | 2.2 | 6 | 50.4 | 0.05 | 2.8 | 0.007 | 0.20 | 2.1 | 5.2 | |
| 105G_1987_1023 | 0 | 0.04 | 2.0 | 2.53 | 1.5 | 1.4 | 4 | 45.1 | 0.03 | 3.0 | 0.006 | 0.15 | 1.7 | 3.8 | |
| 105G_1987_1024 | 0 | 0.06 | 3.5 | 3.95 | 2.1 | 1.1 | 9 | 74.0 | 0.06 | 4.3 | 0.007 | 0.15 | 1.5 | 3.7 | |
| 105G_1987_1025 | 1 | 0.25 | 0.8 | 1.17 | 2.2 | 3.5 | 4 | 127.8 | 0.06 | 2.0 | 0.007 | 0.09 | 3.0 | 4.2 | |
| 105G_1987_1026 | 2 | 0.27 | 0.5 | 1.17 | 2.3 | 3.3 | 5 | 131.2 | 0.04 | 1.9 | 0.007 | 0.08 | 2.8 | 4.3 | |
| 105G_1987_1027 | 0 | 0.19 | 2.8 | 4.96 | 3.6 | 4.2 | 3 | 94.1 | 0.04 | 1.7 | 0.007 | 0.12 | 3.4 | 5.0 | |
| 105G_1987_1028 | 0 | 0.40 | 0.9 | 1.28 | 3.0 | 1.8 | 2 | 68.6 | 0.02 | 3.0 | 0.008 | 0.10 | 2.9 | 4.0 | |
| 105G_1987_1029 | 0 | 0.20 | 0.5 | 0.78 | 1.9 | 1.0 | 4 | 53.0 | <0.02 | 1.5 | 0.014 | 0.06 | 1.7 | 3.3 | |
| 105G_1987_1030 | 0 | 0.32 | 0.7 | 1.00 | 1.1 | 2.9 | 3 | 59.9 | <0.02 | 0.8 | 0.010 | 0.04 | 2.8 | 4.4 | |
| 105G_1987_1031 | 0 | 1.37 | 0.7 | 1.30 | 1.7 | 3.2 | 4 | 53.7 | 0.03 | 1.4 | 0.006 | 0.09 | 3.3 | 3.5 | |
| 105G_1987_1032 | 0 | 0.10 | 1.0 | 1.13 | 2.5 | 1.8 | 3 | 38.2 | <0.02 | 2.7 | 0.004 | 0.11 | 1.3 | 3.3 | |
| 105G_1987_1033 | 0 | 0.35 | 0.6 | 0.90 | 1.3 | 4.9 | 5 | 82.2 | <0.02 | 1.2 | 0.009 | 0.08 | 2.5 | 3.8 | |
| 105G_1987_1034 | 0 | 0.27 | 1.4 | 2.19 | 2.5 | 1.9 | 7 | 86.4 | <0.02 | 3.8 | 0.013 | 0.08 | 1.7 | 4.0 | |
| 105G_1987_1035 | 0 | 0.19 | 1.1 | 1.35 | 3.0 | 2.0 | 6 | 45.5 | 0.03 | 2.9 | 0.014 | 0.07 | 2.5 | 4.2 | |
| 105G_1987_1036 | 0 | 0.04 | 1.8 | 1.64 | 3.9 | 0.8 | 6 | 44.8 | 0.03 | 5.1 | 0.014 | 0.13 | 0.9 | 2.8 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1002 | 0 | 35 | 37 | 2 | 0.4 | 153 | 159.8 |
| 105G_1987_1003 | 0 | 24 | 26 | 2 | 0.4 | 153 | 170.7 |
| 105G_1987_1004 | 0 | 66 | 72 | 2 | <0.1 | 406 | 357.3 |
| 105G_1987_1005 | 0 | 11 | 6 | 2 | <0.1 | 37 | 46.4 |
| 105G_1987_1006 | 1 | 25 | 29 | 2 | 1.5 | 119 | 124.6 |
| 105G_1987_1007 | 2 | 28 | 29 | 2 | 1.4 | 121 | 122.4 |
| 105G_1987_1008 | 0 | 27 | 26 | 2 | 0.1 | 189 | 193.8 |
| 105G_1987_1009 | 0 | 29 | 30 | 2 | <0.1 | 110 | 119.9 |
| 105G_1987_1010 | 0 | 37 | 37 | 2 | 0.1 | 183 | 194.6 |
| 105G_1987_1011 | 0 | 27 | 30 | 2 | <0.1 | 270 | 268.4 |
| 105G_1987_1012 | 0 | 39 | 37 | 2 | <0.1 | 398 | 329.6 |
| 105G_1987_1013 | 0 | 40 | 40 | 2 | 0.1 | 287 | 279.6 |
| 105G_1987_1014 | 0 | 16 | 18 | 2 | 0.3 | 283 | 299.8 |
| 105G_1987_1015 | 0 | 29 | 28 | 2 | 0.3 | 150 | 169.9 |
| 105G_1987_1016 | 0 | 30 | 31 | 2 | 2.0 | 370 | 323.0 |
| 105G_1987_1017 | 0 | 67 | 68 | 2 | 0.2 | 544 | 464.3 |
| 105G_1987_1019 | 0 | 32 | 30 | 2 | <0.1 | 306 | 274.5 |
| 105G_1987_1020 | 0 | 38 | 35 | 2 | <0.1 | 246 | 254.0 |
| 105G_1987_1022 | 0 | 15 | 45 | 2 | 1.4 | 560 | 520.9 |
| 105G_1987_1023 | 0 | 30 | 37 | 2 | 0.2 | 320 | 321.3 |
| 105G_1987_1024 | 0 | 34 | 32 | 2 | 0.1 | 380 | 333.5 |
| 105G_1987_1025 | 1 | 60 | 35 | 2 | <0.1 | 233 | 228.6 |
| 105G_1987_1026 | 2 | 61 | 35 | 2 | <0.1 | 244 | 227.0 |
| 105G_1987_1027 | 0 | 32 | 29 | 2 | <0.1 | 220 | 211.1 |
| 105G_1987_1028 | 0 | 30 | 27 | 2 | <0.1 | 122 | 119.3 |
| 105G_1987_1029 | 0 | 21 | 22 | 2 | <0.1 | 71 | 75.1 |
| 105G_1987_1030 | 0 | 14 | 16 | 2 | <0.1 | 58 | 56.5 |
| 105G_1987_1031 | 0 | 18 | 19 | 2 | 0.1 | 137 | 147.3 |
| 105G_1987_1032 | 0 | 24 | 24 | 2 | <0.1 | 126 | 131.6 |
| 105G_1987_1033 | 0 | 15 | 14 | 2 | <0.1 | 80 | 78.0 |
| 105G_1987_1034 | 0 | 23 | 24 | 2 | 0.1 | 178 | 186.5 |
| 105G_1987_1035 | 0 | 28 | 32 | 2 | <0.1 | 119 | 121.7 |
| 105G_1987_1036 | 0 | 41 | 40 | 2 | <0.1 | 143 | 143.1 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1037 | 0 | <0.2 | 109 | 1.28 | 20 | 27.8 | <1 | 10.0 | | | 1 | 885 | 134.0 | 0.16 |
| 105G_1987_1039 | 0 | <0.2 | 317 | 0.82 | 20 | 39.5 | <1 | 10.0 | | | 2 | 2700 | 856.5 | 0.12 |
| 105G_1987_1040 | 0 | 0.2 | 255 | 0.48 | 25 | 39.9 | 6 | 10.0 | 9 | 5.0 | 3 | 1430 | 454.3 | 0.08 |
| 105G_1987_1042 | 0 | <0.2 | 267 | 0.97 | 13 | 14.6 | <1 | 10.0 | | | 2 | 1040 | 220.6 | 0.12 |
| 105G_1987_1044 | 1 | 0.3 | 356 | 0.97 | 20 | 23.0 | 2 | 10.0 | | | 3 | 1160 | 275.9 | 0.14 |
| 105G_1987_1045 | 2 | 0.3 | 428 | 1.01 | 20 | 23.6 | <1 | 10.0 | | | 3 | 1150 | 312.3 | 0.16 |
| 105G_1987_1046 | 0 | 0.5 | 375 | 0.83 | 45 | 80.4 | <1 | 10.0 | | | 4 | 1770 | 362.7 | 0.19 |
| 105G_1987_1047 | 0 | 0.2 | 200 | 0.86 | 13 | 14.0 | <1 | 10.0 | | | 2 | 1240 | 249.0 | 0.17 |
| 105G_1987_1048 | 0 | 0.2 | 175 | 0.67 | 20 | 23.6 | <1 | 10.0 | | | 3 | 1380 | 252.9 | 0.13 |
| 105G_1987_1049 | 0 | <0.2 | 261 | 0.82 | 16 | 16.9 | 2 | 10.0 | | | 4 | 2120 | 669.7 | 0.15 |
| 105G_1987_1050 | 0 | 0.4 | 445 | 0.72 | 7 | 7.2 | 4 | 10.0 | | | 5 | 1640 | 407.1 | 0.18 |
| 105G_1987_1051 | 0 | <0.2 | 131 | 0.84 | 6 | 6.8 | <1 | 10.0 | | | 5 | 1680 | 428.6 | 0.12 |
| 105G_1987_1052 | 0 | <0.2 | 121 | 0.48 | 6 | 5.4 | <1 | 10.0 | | | 2 | 988 | 207.1 | 0.05 |
| 105G_1987_1053 | 0 | <0.2 | 263 | 0.85 | 10 | 11.8 | 4 | 10.0 | | | 7 | 1440 | 499.8 | 0.14 |
| 105G_1987_1054 | 0 | 0.4 | 249 | 0.73 | 7 | 6.7 | 2 | 10.0 | | | 4 | 2030 | 701.8 | 0.15 |
| 105G_1987_1055 | 0 | 0.2 | 302 | 0.66 | 9 | 8.7 | <1 | 10.0 | | | 7 | 1460 | 424.4 | 0.16 |
| 105G_1987_1056 | 0 | <0.2 | 229 | 0.73 | 6 | 6.2 | <1 | 10.0 | | | 3 | 1730 | 420.4 | 0.14 |
| 105G_1987_1057 | 0 | <0.2 | 281 | 0.51 | 11 | 12.7 | <1 | 10.0 | | | 3 | 1930 | 419.9 | 0.14 |
| 105G_1987_1058 | 0 | <0.2 | 19 | 0.34 | <1 | 0.3 | <1 | 10.0 | | | 1 | 577 | 76.9 | 0.02 |
| 105G_1987_1059 | 0 | <0.2 | 120 | 0.41 | <1 | <0.1 | <1 | 10.0 | | | 2 | 1040 | 271.1 | 0.06 |
| 105G_1987_1060 | 0 | <0.2 | 275 | 0.54 | 7 | 7.9 | <1 | 10.0 | | | 4 | 1630 | 490.5 | 0.11 |
| 105G_1987_1062 | 0 | <0.2 | 220 | 0.54 | 5 | 1.8 | 2 | 10.0 | | | 4 | 874 | 201.0 | 0.07 |
| 105G_1987_1063 | 0 | <0.2 | 144 | 0.62 | 7 | 6.6 | <1 | 10.0 | | | 2 | 2930 | 1425.6 | 0.11 |
| 105G_1987_1064 | 0 | <0.2 | 189 | 0.54 | 5 | 6.4 | <1 | 10.0 | | | 2 | 1600 | 421.4 | 0.11 |
| 105G_1987_1065 | 0 | 0.2 | 283 | 0.63 | 9 | 7.9 | <1 | 10.0 | | | 3 | 1500 | 490.9 | 0.14 |
| 105G_1987_1066 | 0 | <0.2 | 124 | 0.86 | 4 | 3.3 | <1 | 10.0 | | | 2 | 1100 | 175.4 | 0.10 |
| 105G_1987_1068 | 0 | <0.2 | 175 | 0.30 | <1 | 0.5 | <1 | 10.0 | | | 6 | 504 | 316.4 | 0.02 |
| 105G_1987_1069 | 0 | <0.2 | 309 | 0.60 | 10 | 9.7 | <1 | 10.0 | | | 3 | 1900 | 508.3 | 0.12 |
| 105G_1987_1070 | 0 | <0.2 | 185 | 0.86 | 40 | 85.9 | 7 | 10.0 | 3 | 5.0 | 3 | 1170 | 329.0 | 0.18 |
| 105G_1987_1071 | 1 | <0.2 | 219 | 0.79 | 12 | 12.5 | <1 | 10.0 | | | 2 | 1270 | 259.9 | 0.16 |
| 105G_1987_1072 | 2 | <0.2 | 125 | 0.82 | 10 | 10.6 | <1 | 10.0 | | | 1 | 1000 | 207.5 | 0.16 |
| 105G_1987_1073 | 0 | <0.2 | 65 | 0.64 | 4 | 4.8 | <1 | 10.0 | | | <1 | 1050 | 142.3 | 0.08 |
| 105G_1987_1074 | 0 | 0.2 | 358 | 0.89 | 17 | 17.6 | <1 | 10.0 | | | 2 | 2020 | 507.3 | 0.20 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1037 | 0 | 2.34 | <0.2 | 0.35 | 16 | 16.7 | 37.8 | 36 | 32.23 | 380 | 2.79 | 2.94 | 3.8 | 35 | 27 |
| 105G_1987_1039 | 0 | 1.72 | 1.8 | 1.87 | 15 | 15.9 | 47.9 | 54 | 49.44 | 585 | 2.51 | 2.73 | 2.8 | 240 | 161 |
| 105G_1987_1040 | 0 | 2.06 | 3.6 | 3.45 | 15 | 15.7 | 16.6 | 35 | 32.72 | 345 | 3.44 | 3.63 | 1.4 | 260 | 242 |
| 105G_1987_1042 | 0 | 1.30 | 0.5 | 0.66 | 12 | 13.7 | 31.4 | 51 | 44.55 | 460 | 2.38 | 2.52 | 3.0 | 65 | 65 |
| 105G_1987_1044 | 1 | 1.80 | 1.0 | 1.08 | 15 | 14.8 | 32.9 | 72 | 61.83 | 600 | 2.52 | 2.70 | 3.1 | 95 | 101 |
| 105G_1987_1045 | 2 | 1.84 | 0.8 | 1.42 | 15 | 15.3 | 35.6 | 75 | 69.46 | 620 | 2.26 | 2.80 | 3.2 | 125 | 124 |
| 105G_1987_1046 | 0 | 1.31 | 1.4 | 1.62 | 22 | 22.8 | 28.7 | 54 | 49.40 | 480 | 3.77 | 3.44 | 2.5 | 95 | 104 |
| 105G_1987_1047 | 0 | 0.87 | 0.9 | 0.94 | 13 | 14.2 | 23.3 | 26 | 23.81 | 370 | 2.49 | 2.27 | 2.6 | 65 | 72 |
| 105G_1987_1048 | 0 | 0.82 | 0.4 | 0.68 | 10 | 9.9 | 24.1 | 27 | 23.01 | 435 | 2.07 | 1.81 | 1.9 | 95 | 85 |
| 105G_1987_1049 | 0 | 0.86 | 0.7 | 0.86 | 16 | 17.6 | 59.6 | 30 | 26.76 | 390 | 2.43 | 2.46 | 2.7 | 195 | 160 |
| 105G_1987_1050 | 0 | 0.66 | 0.8 | 0.99 | 12 | 12.8 | 53.5 | 50 | 45.41 | 420 | 1.99 | 1.69 | 2.2 | 425 | 381 |
| 105G_1987_1051 | 0 | 0.86 | <0.2 | 0.55 | 15 | 16.1 | 78.1 | 28 | 26.51 | 440 | 2.06 | 2.16 | 2.6 | 215 | 298 |
| 105G_1987_1052 | 0 | 1.13 | 0.3 | 0.63 | 6 | 6.2 | 24.3 | 18 | 15.34 | 475 | 1.62 | 1.22 | 1.5 | 65 | 64 |
| 105G_1987_1053 | 0 | 1.45 | 1.2 | 1.81 | 14 | 14.1 | 50.9 | 41 | 36.25 | 420 | 2.01 | 1.85 | 2.5 | 165 | 168 |
| 105G_1987_1054 | 0 | 1.13 | 1.0 | 1.07 | 8 | 8.1 | 18.7 | 41 | 36.90 | 675 | 1.66 | 1.56 | 2.3 | 125 | 142 |
| 105G_1987_1055 | 0 | 1.43 | 1.0 | 1.22 | 7 | 7.1 | 14.7 | 25 | 22.46 | 540 | 2.36 | 2.02 | 1.8 | 125 | 127 |
| 105G_1987_1056 | 0 | 0.67 | 0.8 | 0.87 | 7 | 8.3 | 22.4 | 25 | 24.07 | 640 | 1.68 | 1.54 | 2.4 | 115 | 114 |
| 105G_1987_1057 | 0 | 1.09 | 1.5 | 1.52 | 6 | 6.5 | 10.1 | 24 | 22.28 | 665 | 1.72 | 1.68 | 1.5 | 95 | 112 |
| 105G_1987_1058 | 0 | 0.58 | <0.2 | 0.13 | <2 | 1.3 | 2.4 | 7 | 6.61 | 285 | 0.51 | 0.33 | 0.7 | 35 | 47 |
| 105G_1987_1059 | 0 | 1.02 | 0.7 | 0.90 | <2 | 1.8 | 5.1 | 17 | 16.88 | 380 | 0.54 | 0.45 | 1.2 | 45 | 49 |
| 105G_1987_1060 | 0 | 1.18 | 2.3 | 2.05 | 6 | 6.7 | 7.8 | 32 | 26.92 | 365 | 1.43 | 1.06 | 1.4 | 115 | 119 |
| 105G_1987_1062 | 0 | 1.75 | 1.1 | 0.97 | 3 | 3.2 | 7.7 | 19 | 17.12 | 310 | 0.76 | 0.64 | 1.5 | 95 | 86 |
| 105G_1987_1063 | 0 | 0.57 | 0.6 | 0.68 | 6 | 6.7 | 18.0 | 25 | 21.41 | 545 | 1.84 | 1.57 | 2.0 | 95 | 109 |
| 105G_1987_1064 | 0 | 1.31 | 1.1 | 1.18 | 6 | 6.7 | 11.9 | 26 | 23.38 | 530 | 1.63 | 1.48 | 1.7 | 95 | 91 |
| 105G_1987_1065 | 0 | 1.89 | 1.4 | 1.65 | 8 | 7.3 | 12.8 | 32 | 27.66 | 540 | 1.51 | 1.56 | 1.8 | 135 | 127 |
| 105G_1987_1066 | 0 | 0.55 | 0.4 | 0.52 | 8 | 8.0 | 15.0 | 31 | 24.23 | 470 | 2.25 | 1.76 | 2.8 | 65 | 65 |
| 105G_1987_1068 | 0 | 3.06 | 0.4 | 0.59 | <2 | 0.4 | 4.1 | 20 | 18.01 | 80 | 0.46 | 0.26 | 0.6 | 10 | 97 |
| 105G_1987_1069 | 0 | 0.64 | 2.7 | 2.90 | 7 | 6.7 | 11.6 | 30 | 26.07 | 545 | 1.90 | 1.53 | 1.6 | 65 | 102 |
| 105G_1987_1070 | 0 | 1.18 | 0.5 | 1.00 | 16 | 15.6 | 21.6 | 49 | 41.78 | 455 | 3.13 | 2.73 | 2.7 | 70 | 84 |
| 105G_1987_1071 | 1 | 2.22 | 0.7 | 1.05 | 12 | 12.9 | 42.0 | 34 | 29.46 | 580 | 2.05 | 2.41 | 2.8 | 60 | 55 |
| 105G_1987_1072 | 2 | 1.39 | <0.2 | 0.57 | 13 | 12.7 | 43.9 | 30 | 24.65 | 285 | 2.06 | 2.09 | 3.1 | 30 | 47 |
| 105G_1987_1073 | 0 | 0.79 | <0.2 | 0.28 | 7 | 7.0 | 12.0 | 11 | 9.78 | 410 | 1.70 | 1.61 | 2.0 | 25 | 36 |
| 105G_1987_1074 | 0 | 1.39 | 1.3 | 1.66 | 12 | 12.3 | 20.5 | 34 | 31.94 | 475 | 2.62 | 2.84 | 2.6 | 100 | 98 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1037 | 0 | 0.07 | 22.5 | 8.0 | 1.11 | 451 | 465 | <2 | 0.75 | 0.006 | 48 | 42.2 | 0.124 | 11 | 9.45 |
| 105G_1987_1039 | 0 | 0.06 | 16.4 | 4.4 | 1.09 | 341 | 364 | 2 | 2.87 | 0.004 | 77 | 68.8 | 0.216 | 17 | 14.83 |
| 105G_1987_1040 | 0 | 0.06 | 5.2 | 39.0 | 0.40 | 1920 | 1417 | <2 | 1.66 | 0.019 | 48 | 42.7 | 0.188 | 11 | 6.66 |
| 105G_1987_1042 | 0 | 0.08 | 18.3 | 9.2 | 0.92 | 260 | 310 | <2 | 1.54 | 0.006 | 48 | 41.3 | 0.215 | 12 | 10.04 |
| 105G_1987_1044 | 1 | 0.09 | 14.1 | 12.2 | 0.98 | 498 | 521 | 2 | 1.96 | 0.008 | 58 | 48.4 | 0.173 | 15 | 11.79 |
| 105G_1987_1045 | 2 | 0.09 | 15.3 | 13.8 | 1.00 | 467 | 508 | <2 | 1.97 | 0.008 | 59 | 51.6 | 0.178 | 15 | 12.55 |
| 105G_1987_1046 | 0 | 0.13 | 8.8 | 27.2 | 0.67 | 8520 | 5729 | <2 | 1.98 | 0.011 | 88 | 80.5 | 0.152 | 17 | 14.50 |
| 105G_1987_1047 | 0 | 0.06 | 12.1 | 10.6 | 0.56 | 1800 | 1458 | <2 | 0.81 | 0.007 | 44 | 38.3 | 0.121 | 12 | 9.84 |
| 105G_1987_1048 | 0 | 0.06 | 10.6 | 10.2 | 0.57 | 493 | 498 | <2 | 0.51 | 0.006 | 39 | 33.4 | 0.136 | 11 | 8.67 |
| 105G_1987_1049 | 0 | 0.09 | 10.3 | 11.6 | 1.05 | 666 | 2053 | <2 | 1.29 | 0.009 | 86 | 84.2 | 0.135 | 13 | 11.02 |
| 105G_1987_1050 | 0 | 0.09 | 10.3 | 13.0 | 0.97 | 407 | 679 | <2 | 1.56 | 0.008 | 105 | 103.7 | 0.091 | 13 | 12.73 |
| 105G_1987_1051 | 0 | 0.08 | 11.0 | 10.8 | 1.57 | 325 | 451 | <2 | 0.70 | 0.008 | 138 | 133.4 | 0.094 | 11 | 9.79 |
| 105G_1987_1052 | 0 | 0.04 | 6.1 | 19.2 | 0.51 | 275 | 255 | <2 | 0.47 | 0.008 | 27 | 21.2 | 0.130 | 6 | 5.45 |
| 105G_1987_1053 | 0 | 0.12 | 7.9 | 35.0 | 0.83 | 9096 | 6045 | <2 | 1.45 | 0.012 | 121 | 111.0 | 0.137 | 11 | 9.82 |
| 105G_1987_1054 | 0 | 0.08 | 11.5 | 8.0 | 0.56 | 284 | 317 | <2 | 1.15 | 0.008 | 34 | 29.0 | 0.168 | 14 | 11.66 |
| 105G_1987_1055 | 0 | 0.09 | 7.3 | 25.4 | 0.46 | 2496 | 1788 | <2 | 0.97 | 0.008 | 30 | 24.0 | 0.140 | 13 | 11.51 |
| 105G_1987_1056 | 0 | 0.08 | 11.0 | 7.0 | 0.46 | 426 | 475 | <2 | 0.63 | 0.007 | 32 | 30.3 | 0.144 | 11 | 10.44 |
| 105G_1987_1057 | 0 | 0.07 | 10.6 | 5.2 | 0.49 | 382 | 410 | 2 | 2.02 | 0.005 | 30 | 26.4 | 0.152 | 16 | 13.40 |
| 105G_1987_1058 | 0 | 0.02 | 1.4 | 42.4 | 0.09 | 120 | 113 | <2 | 0.20 | 0.058 | 2 | 1.7 | 0.055 | 2 | 1.00 |
| 105G_1987_1059 | 0 | 0.04 | 4.1 | 20.0 | 0.17 | 185 | 172 | <2 | 0.16 | 0.034 | 10 | 7.9 | 0.061 | 4 | 3.67 |
| 105G_1987_1060 | 0 | 0.06 | 8.0 | 26.0 | 0.24 | 2016 | 1413 | <2 | 1.96 | 0.011 | 19 | 16.4 | 0.133 | 7 | 8.14 |
| 105G_1987_1062 | 0 | 0.05 | 4.6 | 35.4 | 0.26 | 151 | 138 | <2 | 0.69 | 0.036 | 14 | 10.1 | 0.088 | 5 | 4.16 |
| 105G_1987_1063 | 0 | 0.08 | 12.7 | 2.6 | 0.42 | 234 | 280 | <2 | 2.20 | 0.005 | 28 | 26.1 | 0.144 | 8 | 7.92 |
| 105G_1987_1064 | 0 | 0.06 | 8.4 | 6.0 | 0.59 | 284 | 287 | <2 | 2.27 | 0.005 | 27 | 25.0 | 0.131 | 11 | 9.70 |
| 105G_1987_1065 | 0 | 0.09 | 11.1 | 7.6 | 0.59 | 450 | 442 | 2 | 2.47 | 0.007 | 32 | 25.7 | 0.154 | 16 | 12.25 |
| 105G_1987_1066 | 0 | 0.08 | 9.3 | 8.0 | 0.44 | 332 | 346 | <2 | 0.82 | 0.008 | 23 | 19.6 | 0.105 | 9 | 6.85 |
| 105G_1987_1068 | 0 | 0.02 | 1.3 | 83.4 | 0.32 | 24 | 18 | 2 | 1.21 | 0.008 | 15 | 8.7 | 0.128 | 4 | 1.32 |
| 105G_1987_1069 | 0 | 0.09 | 11.6 | 8.2 | 0.26 | 334 | 363 | 2 | 2.76 | 0.006 | 36 | 32.2 | 0.132 | 16 | 11.35 |
| 105G_1987_1070 | 0 | 0.12 | 18.4 | 20.2 | 0.54 | 3768 | 2733 | <2 | 1.23 | 0.012 | 45 | 39.8 | 0.140 | 13 | 10.71 |
| 105G_1987_1071 | 1 | 0.06 | 16.2 | 11.0 | 1.01 | 463 | 488 | 2 | 1.78 | 0.009 | 46 | 41.3 | 0.132 | 16 | 13.07 |
| 105G_1987_1072 | 2 | 0.05 | 16.5 | 10.0 | 0.87 | 503 | 520 | <2 | 0.94 | 0.011 | 42 | 37.7 | 0.127 | 12 | 9.43 |
| 105G_1987_1073 | 0 | 0.03 | 15.9 | 4.8 | 0.43 | 175 | 228 | <2 | 0.76 | 0.038 | 15 | 13.9 | 0.164 | 9 | 7.31 |
| 105G_1987_1074 | 0 | 0.07 | 15.3 | 17.0 | 0.63 | 3120 | 2608 | <2 | 1.45 | 0.015 | 39 | 37.0 | 0.135 | 19 | 15.51 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1037 | 0 | 0.04 | 0.8 | 0.71 | 3.2 | 0.6 | 10 | 60.1 | <0.02 | 7.0 | 0.005 | 0.04 | 0.6 | 2.2 |
| 105G_1987_1039 | 0 | 0.06 | 5.0 | 6.11 | 3.1 | 1.6 | 6 | 77.4 | 0.04 | 4.3 | 0.019 | 0.07 | 1.4 | 2.9 |
| 105G_1987_1040 | 0 | 0.31 | 2.2 | 3.65 | 1.5 | 2.5 | 7 | 82.8 | <0.02 | 1.4 | 0.008 | 0.05 | 4.2 | 4.7 |
| 105G_1987_1042 | 0 | 0.07 | 1.4 | 1.29 | 3.0 | 1.6 | 6 | 48.5 | <0.02 | 4.5 | 0.019 | 0.07 | 1.2 | 3.2 |
| 105G_1987_1044 | 1 | 0.09 | 1.7 | 1.69 | 3.4 | 2.3 | 7 | 66.0 | <0.02 | 3.8 | 0.017 | 0.08 | 1.5 | 3.3 |
| 105G_1987_1045 | 2 | 0.08 | 1.3 | 1.73 | 3.8 | 2.6 | 6 | 66.7 | 0.02 | 4.1 | 0.019 | 0.08 | 1.7 | 3.3 |
| 105G_1987_1046 | 0 | 0.19 | 1.0 | 1.37 | 2.9 | 2.2 | 5 | 65.6 | 0.02 | 1.9 | 0.006 | 0.12 | 2.1 | 3.6 |
| 105G_1987_1047 | 0 | 0.06 | 0.8 | 0.89 | 2.0 | 1.1 | 4 | 49.1 | 0.03 | 3.1 | 0.006 | 0.07 | 1.1 | 3.5 |
| 105G_1987_1048 | 0 | 0.09 | 0.8 | 0.78 | 2.1 | 1.5 | 4 | 45.0 | <0.02 | 3.0 | 0.009 | 0.08 | 1.4 | 3.6 |
| 105G_1987_1049 | 0 | 0.10 | 1.3 | 1.44 | 3.1 | 2.1 | 3 | 49.3 | 0.03 | 2.6 | 0.016 | 0.10 | 1.1 | 3.2 |
| 105G_1987_1050 | 0 | 0.21 | 2.9 | 3.53 | 3.3 | 2.2 | 4 | 40.0 | 0.02 | 3.2 | 0.008 | 0.19 | 1.6 | 2.8 |
| 105G_1987_1051 | 0 | 0.07 | 1.1 | 1.18 | 3.2 | 0.7 | 4 | 46.0 | 0.02 | 3.1 | 0.013 | 0.12 | 0.8 | 2.4 |
| 105G_1987_1052 | 0 | 0.16 | 0.5 | 0.64 | 1.5 | 1.2 | 4 | 46.5 | <0.02 | 1.1 | 0.018 | 0.05 | 2.6 | 4.1 |
| 105G_1987_1053 | 0 | 0.26 | 0.6 | 0.94 | 2.3 | 2.7 | 3 | 64.8 | 0.03 | 1.3 | 0.009 | 0.12 | 3.4 | 4.8 |
| 105G_1987_1054 | 0 | 0.06 | 1.1 | 1.25 | 2.9 | 1.3 | 5 | 57.7 | 0.03 | 3.0 | 0.017 | 0.11 | 1.4 | 3.5 |
| 105G_1987_1055 | 0 | 0.18 | 0.8 | 1.25 | 1.8 | 2.1 | 5 | 71.3 | <0.02 | 1.6 | 0.005 | 0.13 | 1.0 | 2.4 |
| 105G_1987_1056 | 0 | 0.05 | 0.7 | 0.82 | 2.3 | 1.2 | 2 | 43.0 | 0.03 | 3.1 | 0.010 | 0.11 | 1.2 | 3.5 |
| 105G_1987_1057 | 0 | 0.12 | 1.4 | 1.69 | 1.9 | 1.4 | 5 | 53.3 | 0.03 | 3.0 | 0.004 | 0.15 | 1.7 | 3.5 |
| 105G_1987_1058 | 0 | 0.10 | <0.2 | 0.10 | 0.3 | 0.4 | 2 | 35.5 | <0.02 | <0.1 | 0.008 | 0.02 | 0.3 | 1.8 |
| 105G_1987_1059 | 0 | 0.09 | 0.2 | 0.28 | 0.8 | 4.5 | 3 | 62.0 | 0.02 | 0.4 | 0.008 | 0.04 | 3.3 | 4.7 |
| 105G_1987_1060 | 0 | 0.17 | 0.9 | 1.28 | 1.5 | 1.4 | 3 | 55.9 | 0.02 | 1.4 | 0.005 | 0.10 | 1.8 | 3.7 |
| 105G_1987_1062 | 0 | 0.29 | 0.2 | 0.56 | 1.0 | 2.0 | 6 | 88.8 | 0.02 | 0.7 | 0.009 | 0.07 | 2.0 | 3.3 |
| 105G_1987_1063 | 0 | 0.05 | 1.0 | 1.12 | 1.6 | 1.0 | 4 | 58.0 | 0.04 | 3.2 | 0.008 | 0.11 | 1.2 | 2.9 |
| 105G_1987_1064 | 0 | 0.06 | 1.2 | 1.29 | 2.0 | 2.0 | 5 | 68.8 | 0.03 | 2.9 | 0.004 | 0.11 | 1.1 | 3.2 |
| 105G_1987_1065 | 0 | 0.05 | 1.6 | 1.54 | 2.2 | 2.0 | 7 | 88.2 | 0.03 | 3.0 | 0.005 | 0.18 | 1.1 | 3.2 |
| 105G_1987_1066 | 0 | 0.02 | 0.6 | 0.52 | 2.2 | 0.9 | 2 | 32.2 | 0.02 | 1.9 | 0.027 | 0.08 | 1.1 | 3.0 |
| 105G_1987_1068 | 0 | 0.43 | 0.3 | 0.50 | 0.5 | 1.6 | 4 | 130.9 | <0.02 | 0.3 | 0.005 | 0.02 | 0.2 | <0.5 |
| 105G_1987_1069 | 0 | 0.05 | 1.6 | 1.98 | 1.7 | 1.8 | 3 | 44.3 | 0.03 | 2.6 | 0.007 | 0.15 | 3.5 | 5.3 |
| 105G_1987_1070 | 0 | 0.14 | 1.1 | 1.11 | 2.2 | 2.3 | 5 | 58.1 | 0.03 | 2.6 | 0.007 | 0.11 | 1.3 | 3.3 |
| 105G_1987_1071 | 1 | 0.05 | 1.4 | 1.66 | 3.0 | 1.1 | 8 | 71.2 | 0.03 | 4.4 | 0.021 | 0.09 | 1.2 | 3.3 |
| 105G_1987_1072 | 2 | 0.04 | 0.6 | 0.93 | 2.5 | 0.8 | 5 | 55.6 | <0.02 | 3.9 | 0.023 | 0.08 | 1.2 | 3.3 |
| 105G_1987_1073 | 0 | 0.05 | 0.2 | 0.52 | 1.6 | 0.6 | 2 | 36.3 | <0.02 | 2.5 | 0.030 | 0.05 | 1.8 | 3.0 |
| 105G_1987_1074 | 0 | 0.09 | 1.2 | 1.41 | 2.6 | 3.1 | 5 | 59.5 | 0.03 | 4.0 | 0.010 | 0.10 | 1.2 | 3.6 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1037 | 0 | 32 | 27 | 2 | <0.1 | 88 | 89.4 |
| 105G_1987_1039 | 0 | 37 | 36 | 2 | 0.1 | 227 | 220.5 |
| 105G_1987_1040 | 0 | 18 | 20 | 2 | 0.5 | 193 | 187.4 |
| 105G_1987_1042 | 0 | 36 | 34 | 2 | <0.1 | 112 | 105.6 |
| 105G_1987_1044 | 1 | 39 | 36 | 2 | <0.1 | 140 | 134.4 |
| 105G_1987_1045 | 2 | 39 | 38 | 2 | 0.1 | 132 | 151.9 |
| 105G_1987_1046 | 0 | 32 | 27 | 2 | <0.1 | 194 | 181.3 |
| 105G_1987_1047 | 0 | 24 | 21 | 2 | <0.1 | 124 | 125.0 |
| 105G_1987_1048 | 0 | 24 | 22 | 2 | <0.1 | 110 | 106.1 |
| 105G_1987_1049 | 0 | 37 | 36 | 2 | <0.1 | 141 | 144.4 |
| 105G_1987_1050 | 0 | 29 | 28 | 2 | <0.1 | 143 | 145.4 |
| 105G_1987_1051 | 0 | 27 | 27 | 2 | <0.1 | 104 | 110.5 |
| 105G_1987_1052 | 0 | 18 | 21 | 2 | <0.1 | 78 | 75.3 |
| 105G_1987_1053 | 0 | 32 | 29 | 2 | <0.1 | 144 | 147.2 |
| 105G_1987_1054 | 0 | 38 | 40 | 2 | 0.2 | 122 | 123.2 |
| 105G_1987_1055 | 0 | 28 | 28 | 2 | <0.1 | 131 | 129.2 |
| 105G_1987_1056 | 0 | 29 | 32 | 2 | 0.1 | 129 | 144.0 |
| 105G_1987_1057 | 0 | 34 | 34 | 2 | 0.3 | 213 | 213.8 |
| 105G_1987_1058 | 0 | 10 | 6 | 2 | <0.1 | 19 | 26.4 |
| 105G_1987_1059 | 0 | 14 | 15 | 2 | <0.1 | 37 | 40.3 |
| 105G_1987_1060 | 0 | 29 | 29 | 2 | <0.1 | 145 | 151.2 |
| 105G_1987_1062 | 0 | 14 | 13 | 2 | <0.1 | 57 | 59.8 |
| 105G_1987_1063 | 0 | 25 | 26 | 2 | 0.3 | 118 | 113.8 |
| 105G_1987_1064 | 0 | 22 | 23 | 2 | <0.1 | 126 | 122.6 |
| 105G_1987_1065 | 0 | 26 | 28 | 2 | <0.1 | 150 | 131.8 |
| 105G_1987_1066 | 0 | 34 | 35 | 2 | <0.1 | 105 | 97.5 |
| 105G_1987_1068 | 0 | 13 | 5 | 2 | <0.1 | 26 | 28.7 |
| 105G_1987_1069 | 0 | 34 | 37 | 2 | 0.1 | 301 | 284.5 |
| 105G_1987_1070 | 0 | 34 | 33 | 2 | 0.1 | 131 | 129.3 |
| 105G_1987_1071 | 1 | 25 | 27 | 2 | 0.1 | 130 | 132.3 |
| 105G_1987_1072 | 2 | 26 | 26 | 2 | 0.2 | 92 | 93.1 |
| 105G_1987_1073 | 0 | 23 | 21 | 2 | 0.1 | 70 | 79.7 |
| 105G_1987_1074 | 0 | 29 | 30 | 2 | <0.1 | 216 | 209.6 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1075 | 0 | <0.2 | 445 | 0.49 | 16 | 14.2 | <1 | 10.0 | | | 2 | 2930 | 928.1 | 0.14 |
| 105G_1987_1076 | 0 | 0.3 | 463 | 1.11 | 18 | 17.8 | 3 | 10.0 | 5 | 5.0 | 4 | 2930 | 722.0 | 0.28 |
| 105G_1987_1077 | 0 | <0.2 | 218 | 0.39 | 18 | 18.9 | <1 | 10.0 | | | <1 | 348 | 78.0 | 0.14 |
| 105G_1987_1078 | 0 | <0.2 | 323 | 0.37 | 20 | 24.4 | <1 | 10.0 | | | <1 | 1750 | 88.1 | 0.17 |
| 105G_1987_1079 | 0 | 0.8 | 1017 | 0.25 | 13 | 10.4 | 7 | 10.0 | 5 | 10.0 | <1 | 1450 | 267.6 | 0.15 |
| 105G_1987_1080 | 0 | 0.4 | 619 | 0.70 | 15 | 14.5 | 5 | 10.0 | 7 | 5.0 | 4 | 1200 | 256.2 | 0.16 |
| 105G_1987_1082 | 0 | 0.4 | 722 | 0.62 | 14 | 12.5 | <1 | 10.0 | | | 1 | 3150 | 789.1 | 0.15 |
| 105G_1987_1083 | 0 | 0.4 | 391 | 0.91 | 14 | 14.6 | <1 | 10.0 | | | 2 | 3160 | 848.5 | 0.18 |
| 105G_1987_1084 | 0 | 0.3 | 320 | 0.82 | 14 | 14.4 | <1 | 10.0 | | | 2 | 3880 | 661.9 | 0.19 |
| 105G_1987_1085 | 0 | 0.5 | 561 | 0.52 | 20 | 20.4 | <1 | 10.0 | | | 3 | 3380 | 425.6 | 0.27 |
| 105G_1987_1086 | 1 | 0.7 | 655 | 0.72 | 13 | 12.9 | <1 | 10.0 | | | 1 | 1925 | 627.3 | 0.20 |
| 105G_1987_1087 | 2 | 0.3 | 516 | 0.76 | 10 | 11.0 | <1 | 10.0 | | | 3 | 2560 | 920.5 | 0.18 |
| 105G_1987_1089 | 0 | <0.2 | 241 | 0.40 | 30 | 35.1 | <1 | 10.0 | | | 1 | 1690 | 239.2 | 0.23 |
| 105G_1987_1090 | 0 | <0.2 | 143 | 1.28 | 9 | 9.7 | <1 | 10.0 | | | 2 | 1010 | 290.7 | 0.14 |
| 105G_1987_1091 | 0 | <0.2 | 196 | 0.77 | 11 | 12.2 | <1 | 10.0 | | | 2 | 3480 | 870.4 | 0.10 |
| 105G_1987_1092 | 0 | <0.2 | 156 | 0.76 | 11 | 11.8 | <1 | 10.0 | | | 1 | 1920 | 475.3 | 0.12 |
| 105G_1987_1093 | 0 | <0.2 | 57 | 1.30 | 6 | 5.7 | <1 | 10.0 | | | <1 | 598 | 66.1 | 0.11 |
| 105G_1987_1094 | 0 | <0.2 | 35 | 1.86 | 1 | 1.5 | <1 | 10.0 | | | <1 | 540 | 130.1 | 0.14 |
| 105G_1987_1095 | 0 | <0.2 | 215 | 2.05 | 6 | 7.2 | <1 | 10.0 | | | 2 | 1190 | 126.8 | 0.17 |
| 105G_1987_1096 | 0 | <0.2 | 42 | 1.49 | 2 | 2.0 | <1 | 10.0 | | | <1 | 1130 | 99.1 | 0.13 |
| 105G_1987_1097 | 0 | <0.2 | 108 | 1.66 | 3 | 3.2 | <1 | 10.0 | | | 1 | 1000 | 144.4 | 0.11 |
| 105G_1987_1098 | 0 | <0.2 | 42 | 1.44 | 2 | 2.2 | <1 | 10.0 | | | 1 | 938 | 161.4 | 0.11 |
| 105G_1987_1099 | 0 | <0.2 | 34 | 0.18 | 4 | 4.3 | <1 | 10.0 | | | <1 | 2440 | 955.3 | 0.10 |
| 105G_1987_1100 | 0 | <0.2 | 122 | 0.67 | 4 | 3.8 | <1 | 10.0 | | | 2 | 1970 | 741.0 | 0.09 |
| 105G_1987_1102 | 0 | <0.2 | 265 | 0.97 | 6 | 4.8 | <1 | 10.0 | | | 1 | 2140 | 537.4 | 0.13 |
| 105G_1987_1103 | 0 | 0.2 | 268 | 0.87 | 5 | 3.9 | <1 | 10.0 | | | 3 | 1840 | 662.8 | 0.12 |
| 105G_1987_1104 | 0 | 0.4 | 451 | 0.91 | 4 | 3.4 | <1 | 10.0 | | | 2 | 4210 | 1810.7 | 0.19 |
| 105G_1987_1105 | 0 | 0.3 | 439 | 1.03 | 4 | 3.4 | <1 | 10.0 | | | 2 | 2310 | 974.7 | 0.17 |
| 105G_1987_1106 | 0 | 0.5 | 547 | 1.29 | 7 | 6.7 | <1 | 10.0 | | | 2 | 1640 | 661.4 | 0.26 |
| 105G_1987_1107 | 0 | 0.2 | 362 | 0.87 | 3 | 3.0 | <1 | 10.0 | | | 2 | 1390 | 478.4 | 0.13 |
| 105G_1987_1108 | 1 | <0.2 | 124 | 0.79 | 3 | 3.0 | <1 | 10.0 | | | <1 | 1160 | 348.8 | 0.10 |
| 105G_1987_1109 | 2 | <0.2 | 128 | 0.77 | 3 | 3.5 | <1 | 10.0 | | | 1 | 1170 | 346.7 | 0.11 |
| 105G_1987_1110 | 0 | <0.2 | 98 | 0.71 | 3 | 3.1 | <1 | 10.0 | | | 1 | 1110 | 311.5 | 0.09 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1075 | 0 | 4.63 | 3.4 | 3.29 | 11 | 12.6 | 11.2 | 42 | 36.20 | 990 | 1.49 | 2.34 | 1.3 | 65 | 85 |
| 105G_1987_1076 | 0 | 1.80 | 1.5 | 1.84 | 11 | 11.8 | 23.5 | 61 | 56.33 | 715 | 2.72 | 2.74 | 3.2 | 180 | 172 |
| 105G_1987_1077 | 0 | 6.18 | 0.9 | 1.38 | 11 | 12.4 | 6.3 | 28 | 26.20 | 925 | 1.72 | 2.62 | 1.0 | 30 | 31 |
| 105G_1987_1078 | 0 | 7.70 | 1.0 | 1.49 | 12 | 12.9 | 5.7 | 36 | 31.08 | 880 | 1.71 | 2.72 | 0.9 | 30 | 29 |
| 105G_1987_1079 | 0 | 6.88 | 2.8 | 3.22 | 6 | 6.9 | 6.1 | 55 | 50.59 | 435 | 1.14 | 1.72 | 0.5 | 95 | 113 |
| 105G_1987_1080 | 0 | 3.59 | 4.5 | 4.83 | 11 | 11.3 | 13.3 | 62 | 53.90 | 350 | 1.79 | 2.32 | 1.9 | 95 | 116 |
| 105G_1987_1082 | 0 | 3.61 | 5.6 | 5.47 | 11 | 12.1 | 34.2 | 57 | 48.11 | 685 | 2.03 | 2.43 | 1.7 | 180 | 157 |
| 105G_1987_1083 | 0 | 3.14 | 10.3 | 10.57 | 45 | 47.3 | 23.2 | 56 | 51.46 | 550 | 2.44 | 2.87 | 2.3 | 190 | 202 |
| 105G_1987_1084 | 0 | 0.60 | 1.0 | 1.42 | 15 | 14.1 | 27.9 | 35 | 30.69 | 650 | 3.10 | 3.01 | 2.5 | 190 | 168 |
| 105G_1987_1085 | 0 | 0.39 | 19.4 | 22.78 | 98 | 95.1 | 7.2 | 89 | 83.15 | 360 | 3.39 | 3.31 | 1.3 | 415 | 361 |
| 105G_1987_1086 | 1 | 0.70 | 1.5 | 1.86 | 16 | 15.1 | 37.0 | 58 | 52.53 | 655 | 2.99 | 2.70 | 2.4 | 145 | 128 |
| 105G_1987_1087 | 2 | 0.62 | 0.9 | 1.48 | 14 | 13.8 | 35.3 | 48 | 44.34 | 805 | 3.01 | 2.53 | 2.6 | 100 | 107 |
| 105G_1987_1089 | 0 | 3.13 | 0.3 | 0.98 | 12 | 12.7 | 14.5 | 31 | 26.57 | 820 | 2.58 | 3.26 | 1.4 | 65 | 52 |
| 105G_1987_1090 | 0 | 4.40 | 0.2 | 0.81 | 13 | 13.5 | 36.0 | 27 | 22.97 | 650 | 2.68 | 3.17 | 4.2 | 30 | 41 |
| 105G_1987_1091 | 0 | 0.55 | 0.8 | 1.31 | 18 | 19.1 | 30.0 | 33 | 30.77 | 2100 | 3.53 | 3.85 | 2.5 | 30 | 36 |
| 105G_1987_1092 | 0 | 1.65 | 2.6 | 2.72 | 12 | 12.7 | 29.3 | 28 | 23.13 | 945 | 3.14 | 3.34 | 2.4 | 35 | 60 |
| 105G_1987_1093 | 0 | 4.35 | <0.2 | 0.35 | 15 | 16.2 | 48.2 | 30 | 24.37 | 540 | 2.61 | 3.25 | 4.1 | 60 | 62 |
| 105G_1987_1094 | 0 | 1.68 | <0.2 | 0.10 | 28 | 29.2 | 99.2 | 44 | 39.92 | 575 | 4.38 | 4.47 | 6.4 | 85 | 130 |
| 105G_1987_1095 | 0 | 1.25 | <0.2 | 0.86 | 21 | 24.9 | 97.8 | 43 | 43.75 | 835 | 3.79 | 4.57 | 6.8 | 55 | 73 |
| 105G_1987_1096 | 0 | 0.57 | <0.2 | 0.27 | 14 | 14.2 | 39.2 | 19 | 16.57 | 625 | 3.21 | 3.19 | 4.7 | 55 | 41 |
| 105G_1987_1097 | 0 | 0.70 | <0.2 | 0.40 | 18 | 20.5 | 83.9 | 34 | 29.84 | 590 | 3.54 | 3.78 | 5.9 | 90 | 48 |
| 105G_1987_1098 | 0 | 3.07 | <0.2 | 0.27 | 16 | 16.0 | 41.0 | 24 | 25.16 | 520 | 2.79 | 3.04 | 4.7 | 35 | 34 |
| 105G_1987_1099 | 0 | 14.07 | <0.2 | 0.60 | 4 | 4.7 | 4.8 | 9 | 7.21 | 385 | 1.05 | 1.31 | 0.4 | 30 | 36 |
| 105G_1987_1100 | 0 | 2.00 | <0.2 | 0.46 | 8 | 7.7 | 26.1 | 19 | 16.03 | 435 | 1.71 | 1.83 | 2.3 | 40 | 45 |
| 105G_1987_1102 | 0 | 0.84 | <0.2 | 0.73 | 10 | 9.5 | 28.6 | 31 | 27.64 | 480 | 2.38 | 2.16 | 3.1 | 115 | 71 |
| 105G_1987_1103 | 0 | 0.72 | 0.6 | 1.04 | 9 | 9.5 | 27.8 | 26 | 23.55 | 460 | 2.53 | 2.44 | 2.8 | 100 | 85 |
| 105G_1987_1104 | 0 | 0.67 | 2.3 | 2.75 | 9 | 10.5 | 22.0 | 33 | 31.05 | 600 | 2.25 | 2.23 | 2.6 | 125 | 136 |
| 105G_1987_1105 | 0 | 0.62 | 1.1 | 1.41 | 9 | 10.2 | 23.1 | 33 | 29.87 | 460 | 2.32 | 2.02 | 3.1 | 135 | 112 |
| 105G_1987_1106 | 0 | 0.51 | 1.2 | 1.42 | 13 | 14.1 | 24.1 | 46 | 41.25 | 435 | 3.35 | 3.05 | 3.8 | 140 | 140 |
| 105G_1987_1107 | 0 | 0.56 | 1.1 | 1.31 | 8 | 8.1 | 21.3 | 22 | 20.53 | 440 | 2.25 | 1.89 | 2.5 | 120 | 100 |
| 105G_1987_1108 | 1 | 0.59 | 0.3 | 0.56 | 7 | 7.8 | 23.5 | 15 | 13.91 | 290 | 2.13 | 1.79 | 2.3 | 50 | 48 |
| 105G_1987_1109 | 2 | 0.54 | 0.2 | 0.58 | 8 | 7.3 | 23.9 | 16 | 13.66 | 270 | 2.15 | 1.75 | 2.4 | 30 | 39 |
| 105G_1987_1110 | 0 | 0.44 | <0.2 | 0.38 | 5 | 5.3 | 21.4 | 13 | 11.40 | 285 | 2.19 | 1.63 | 2.2 | 30 | 43 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1075 | 0 | 0.07 | 14.3 | 6.6 | 1.09 | 287 | 329 | 6 | 5.56 | 0.006 | 48 | 44.9 | 0.165 | 21 | 16.22 |
| 105G_1987_1076 | 0 | 0.15 | 17.2 | 6.0 | 0.84 | 396 | 428 | 2 | 3.81 | 0.008 | 50 | 48.8 | 0.147 | 23 | 20.85 |
| 105G_1987_1077 | 0 | 0.04 | 8.8 | 2.7 | 1.00 | 214 | 281 | 4 | 2.89 | 0.006 | 35 | 30.0 | 0.105 | 21 | 24.45 |
| 105G_1987_1078 | 0 | 0.04 | 7.3 | 7.3 | 0.99 | 190 | 253 | 6 | 3.76 | 0.006 | 39 | 31.0 | 0.109 | 29 | 25.02 |
| 105G_1987_1079 | 0 | 0.05 | 10.6 | 4.4 | 1.15 | 1785 | 239 | 8 | 5.81 | 0.004 | 42 | 34.7 | 0.301 | 12 | 9.91 |
| 105G_1987_1080 | 0 | 0.18 | 11.1 | 5.6 | 0.72 | 412 | 432 | 9 | 8.67 | 0.010 | 54 | 46.8 | 0.179 | 16 | 12.14 |
| 105G_1987_1082 | 0 | 0.09 | 11.3 | 6.6 | 1.98 | 300 | 306 | 13 | 12.40 | 0.005 | 72 | 62.4 | 0.167 | 26 | 21.32 |
| 105G_1987_1083 | 0 | 0.08 | 55.4 | 8.0 | 1.88 | 971 | 1027 | 8 | 8.88 | 0.005 | 139 | 129.8 | 0.136 | 57 | 46.92 |
| 105G_1987_1084 | 0 | 0.08 | 25.4 | 7.0 | 0.66 | 383 | 356 | 3 | 3.06 | 0.005 | 63 | 53.8 | 0.117 | 34 | 28.03 |
| 105G_1987_1085 | 0 | 0.13 | 23.1 | 8.8 | 0.10 | 1160 | 1518 | 15 | 15.78 | 0.004 | 169 | 153.2 | 0.121 | 45 | 39.21 |
| 105G_1987_1086 | 1 | 0.08 | 18.5 | 4.9 | 0.72 | 433 | 521 | 7 | 7.58 | 0.003 | 63 | 58.2 | 0.103 | 19 | 17.47 |
| 105G_1987_1087 | 2 | 0.10 | 21.1 | 4.0 | 0.70 | 317 | 396 | 5 | 5.92 | 0.004 | 57 | 50.5 | 0.103 | 17 | 15.15 |
| 105G_1987_1089 | 0 | 0.05 | 39.3 | 7.2 | 1.26 | 635 | 677 | 5 | 4.98 | 0.005 | 38 | 32.5 | 0.106 | 38 | 36.42 |
| 105G_1987_1090 | 0 | 0.09 | 16.0 | 6.6 | 2.58 | 544 | 544 | 3 | 2.97 | 0.007 | 47 | 38.3 | 0.104 | 36 | 31.02 |
| 105G_1987_1091 | 0 | 0.12 | 96.9 | 7.8 | 0.42 | 652 | 833 | 5 | 5.20 | 0.005 | 51 | 46.5 | 0.116 | 60 | 53.89 |
| 105G_1987_1092 | 0 | 0.06 | 123.5 | 7.6 | 1.30 | 839 | 918 | 4 | 3.93 | 0.004 | 56 | 53.3 | 0.102 | 33 | 29.15 |
| 105G_1987_1093 | 0 | 0.05 | 14.2 | 9.0 | 3.39 | 510 | 510 | <2 | 1.36 | 0.007 | 52 | 43.0 | 0.108 | 32 | 23.92 |
| 105G_1987_1094 | 0 | 0.07 | 20.4 | 9.6 | 1.99 | 583 | 658 | <2 | 0.60 | 0.005 | 86 | 80.9 | 0.143 | 14 | 11.41 |
| 105G_1987_1095 | 0 | 0.05 | 23.6 | 7.4 | 1.84 | 524 | 725 | 2 | 2.86 | 0.006 | 84 | 88.1 | 0.177 | 13 | 14.80 |
| 105G_1987_1096 | 0 | 0.04 | 16.2 | 5.2 | 1.17 | 235 | 300 | <2 | 0.97 | 0.004 | 43 | 38.2 | 0.097 | 14 | 11.99 |
| 105G_1987_1097 | 0 | 0.04 | 19.3 | 6.2 | 1.54 | 425 | 532 | <2 | 1.30 | 0.006 | 77 | 73.3 | 0.155 | 12 | 11.78 |
| 105G_1987_1098 | 0 | 0.06 | 17.9 | 6.8 | 1.57 | 600 | 598 | <2 | 1.45 | 0.006 | 43 | 37.4 | 0.109 | 15 | 12.58 |
| 105G_1987_1099 | 0 | 0.04 | 3.9 | 5.2 | 0.75 | 137 | 237 | 5 | 2.55 | 0.004 | 37 | 26.0 | 0.024 | 20 | 12.99 |
| 105G_1987_1100 | 0 | 0.05 | 14.9 | 6.6 | 1.25 | 264 | 277 | 2 | 1.13 | 0.007 | 34 | 28.6 | 0.090 | 12 | 10.03 |
| 105G_1987_1102 | 0 | 0.09 | 11.9 | 5.2 | 0.87 | 269 | 294 | <2 | 1.68 | 0.007 | 42 | 37.8 | 0.088 | 14 | 10.59 |
| 105G_1987_1103 | 0 | 0.09 | 12.3 | 8.5 | 0.60 | 463 | 536 | <2 | 1.88 | 0.007 | 33 | 31.8 | 0.131 | 11 | 9.29 |
| 105G_1987_1104 | 0 | 0.09 | 12.9 | 6.0 | 0.52 | 264 | 352 | <2 | 2.69 | 0.007 | 39 | 40.0 | 0.163 | 15 | 12.69 |
| 105G_1987_1105 | 0 | 0.09 | 11.4 | 9.0 | 0.51 | 348 | 396 | <2 | 1.77 | 0.008 | 35 | 33.8 | 0.112 | 12 | 10.91 |
| 105G_1987_1106 | 0 | 0.10 | 9.6 | 5.6 | 0.74 | 305 | 399 | 4 | 5.04 | 0.006 | 43 | 39.9 | 0.097 | 19 | 17.86 |
| 105G_1987_1107 | 0 | 0.07 | 9.1 | 8.4 | 0.41 | 528 | 570 | <2 | 1.43 | 0.007 | 29 | 28.9 | 0.100 | 10 | 8.99 |
| 105G_1987_1108 | 1 | 0.05 | 9.8 | 7.8 | 0.41 | 968 | 1062 | <2 | 0.40 | 0.007 | 22 | 20.5 | 0.080 | 9 | 7.33 |
| 105G_1987_1109 | 2 | 0.05 | 9.6 | 6.8 | 0.40 | 930 | 990 | <2 | 0.39 | 0.007 | 22 | 19.8 | 0.087 | 7 | 7.65 |
| 105G_1987_1110 | 0 | 0.04 | 8.5 | 8.6 | 0.34 | 598 | 576 | <2 | 0.43 | 0.007 | 20 | 17.2 | 0.083 | 8 | 5.86 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_1075 | 0 | 0.08 | 3.7 | 3.47 | 2.5 | 2.8 | 13 | 144.5 | 0.06 | 4.4 | 0.005 | 0.15 | 1.4 | 4.7 | |
| 105G_1987_1076 | 0 | 0.05 | 3.1 | 2.58 | 3.6 | 1.7 | 7 | 86.8 | 0.04 | 6.4 | 0.011 | 0.20 | 1.4 | 4.2 | |
| 105G_1987_1077 | 0 | 0.07 | 3.6 | 3.50 | 2.9 | 1.0 | 17 | 142.0 | 0.03 | 6.5 | 0.003 | 0.05 | 1.3 | 4.1 | |
| 105G_1987_1078 | 0 | 0.10 | 4.5 | 4.38 | 2.9 | 1.4 | 21 | 167.8 | 0.02 | 5.1 | 0.002 | 0.05 | 1.3 | 4.3 | |
| 105G_1987_1079 | 0 | 0.07 | 3.2 | 3.45 | 2.7 | 5.9 | 17 | 206.1 | 0.06 | 3.1 | 0.003 | 0.14 | 1.2 | 4.1 | |
| 105G_1987_1080 | 0 | 0.11 | 3.5 | 2.85 | 3.2 | 4.4 | 11 | 119.7 | 0.07 | 3.4 | 0.002 | 0.36 | 1.6 | 4.7 | |
| 105G_1987_1082 | 0 | 0.13 | 4.2 | 4.24 | 3.1 | 4.4 | 13 | 83.0 | 0.06 | 3.0 | 0.006 | 0.33 | 2.0 | 6.4 | |
| 105G_1987_1083 | 0 | 0.12 | 3.2 | 3.15 | 3.1 | 1.6 | 12 | 76.0 | 0.03 | 3.9 | 0.011 | 0.27 | 3.6 | 7.2 | |
| 105G_1987_1084 | 0 | 0.08 | 2.4 | 2.31 | 2.6 | 1.5 | 2 | 43.9 | 0.04 | 3.9 | 0.013 | 0.12 | 1.2 | 4.2 | |
| 105G_1987_1085 | 0 | 0.30 | 8.0 | 6.27 | 3.8 | 6.9 | 3 | 116.9 | 0.04 | 4.3 | 0.002 | 0.66 | 6.7 | 12.5 | |
| 105G_1987_1086 | 1 | 0.10 | 2.4 | 2.69 | 3.2 | 2.8 | 3 | 32.2 | 0.04 | 4.3 | 0.033 | 0.26 | 1.6 | 5.1 | |
| 105G_1987_1087 | 2 | 0.08 | 2.0 | 2.20 | 2.7 | 2.2 | 2 | 31.1 | 0.05 | 4.9 | 0.040 | 0.21 | 1.5 | 4.6 | |
| 105G_1987_1089 | 0 | 0.09 | 4.5 | 4.90 | 2.9 | 1.0 | 10 | 55.5 | 0.02 | 6.5 | 0.005 | 0.10 | 1.1 | 6.5 | |
| 105G_1987_1090 | 0 | 0.09 | 2.0 | 2.25 | 2.6 | 0.5 | 13 | 92.1 | 0.03 | 4.5 | 0.030 | 0.13 | 0.7 | 3.2 | |
| 105G_1987_1091 | 0 | 0.14 | 1.2 | 1.49 | 2.9 | 1.4 | 3 | 36.2 | 0.02 | 7.3 | 0.015 | 0.19 | 0.6 | 8.1 | |
| 105G_1987_1092 | 0 | 0.09 | 1.7 | 2.03 | 2.1 | 1.1 | 5 | 31.3 | 0.02 | 9.4 | 0.021 | 0.13 | 0.8 | 7.0 | |
| 105G_1987_1093 | 0 | 0.07 | 1.4 | 1.62 | 3.2 | 0.4 | 13 | 55.7 | <0.02 | 3.2 | 0.015 | 0.06 | 0.5 | 2.6 | |
| 105G_1987_1094 | 0 | 0.09 | 0.2 | 0.21 | 5.1 | 0.4 | 7 | 62.3 | <0.02 | 4.8 | 0.025 | 0.02 | 0.3 | 2.3 | |
| 105G_1987_1095 | 0 | 0.06 | 1.3 | 1.48 | 5.3 | 0.7 | 5 | 54.1 | 0.02 | 4.8 | 0.019 | 0.07 | 1.3 | 4.0 | |
| 105G_1987_1096 | 0 | 0.04 | 0.3 | 0.34 | 3.0 | 0.3 | 2 | 25.0 | <0.02 | 4.3 | 0.019 | 0.06 | 0.6 | 2.8 | |
| 105G_1987_1097 | 0 | 0.04 | 0.5 | 0.67 | 4.2 | 0.5 | 4 | 30.9 | <0.02 | 3.8 | 0.042 | 0.04 | 0.8 | 3.2 | |
| 105G_1987_1098 | 0 | 0.08 | 0.3 | 0.45 | 3.4 | 0.4 | 9 | 101.7 | <0.02 | 4.1 | 0.054 | 0.07 | 0.6 | 2.5 | |
| 105G_1987_1099 | 0 | 0.08 | 0.7 | 0.64 | 3.4 | 0.6 | 24 | 228.2 | 0.03 | 2.7 | 0.001 | 0.33 | 0.5 | 2.0 | |
| 105G_1987_1100 | 0 | 0.07 | 0.5 | 0.69 | 2.2 | 0.7 | 7 | 39.5 | <0.02 | 2.8 | 0.034 | 0.12 | 0.7 | 3.4 | |
| 105G_1987_1102 | 0 | 0.04 | 0.7 | 0.78 | 2.3 | 1.0 | 4 | 28.6 | 0.03 | 3.1 | 0.023 | 0.11 | 0.8 | 3.1 | |
| 105G_1987_1103 | 0 | 0.13 | 0.5 | 0.70 | 2.9 | 2.6 | 1 | 34.0 | 0.02 | 2.6 | 0.024 | 0.13 | 0.9 | 3.1 | |
| 105G_1987_1104 | 0 | 0.06 | 0.9 | 1.00 | 3.0 | 1.9 | 3 | 41.6 | 0.03 | 2.9 | 0.010 | 0.16 | 1.0 | 3.8 | |
| 105G_1987_1105 | 0 | 0.07 | 0.6 | 0.69 | 3.2 | 3.4 | 4 | 36.5 | 0.03 | 2.1 | 0.014 | 0.15 | 1.4 | 4.0 | |
| 105G_1987_1106 | 0 | 0.05 | 1.9 | 1.26 | 3.9 | 2.5 | 3 | 36.1 | 0.05 | 3.8 | 0.009 | 0.19 | 0.7 | 3.2 | |
| 105G_1987_1107 | 0 | 0.04 | 0.5 | 0.51 | 2.5 | 2.4 | 2 | 36.7 | 0.02 | 1.8 | 0.010 | 0.10 | 0.9 | 3.0 | |
| 105G_1987_1108 | 1 | 0.04 | 0.3 | 0.25 | 1.9 | 1.4 | 2 | 32.2 | <0.02 | 1.7 | 0.022 | 0.06 | 0.5 | 2.7 | |
| 105G_1987_1109 | 2 | 0.06 | 0.3 | 0.28 | 2.1 | 1.2 | 1 | 30.2 | <0.02 | 1.8 | 0.023 | 0.06 | 0.5 | 2.3 | |
| 105G_1987_1110 | 0 | 0.07 | 0.3 | 0.26 | 1.9 | 1.2 | 1 | 24.6 | <0.02 | 1.8 | 0.021 | 0.06 | 1.1 | 3.3 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1075 | 0 | 23 | 22 | 2 | <0.1 | 342 | 303.9 |
| 105G_1987_1076 | 0 | 48 | 55 | 2 | <0.1 | 249 | 234.7 |
| 105G_1987_1077 | 0 | 26 | 15 | 2 | <0.1 | 164 | 169.7 |
| 105G_1987_1078 | 0 | 19 | 11 | 2 | <0.1 | 231 | 203.3 |
| 105G_1987_1079 | 0 | 16 | 8 | 2 | 0.1 | 156 | 166.5 |
| 105G_1987_1080 | 0 | 31 | 31 | 2 | <0.1 | 410 | 350.0 |
| 105G_1987_1082 | 0 | 41 | 39 | 2 | <0.1 | 545 | 498.6 |
| 105G_1987_1083 | 0 | 44 | 44 | 2 | <0.1 | 1198 | 1143.2 |
| 105G_1987_1084 | 0 | 28 | 24 | 2 | <0.1 | 489 | 444.8 |
| 105G_1987_1085 | 0 | 116 | 120 | 2 | 0.3 | 670 | 640.9 |
| 105G_1987_1086 | 1 | 33 | 30 | 2 | <0.1 | 200 | 208.4 |
| 105G_1987_1087 | 2 | 30 | 32 | 2 | <0.1 | 183 | 188.5 |
| 105G_1987_1089 | 0 | 23 | 19 | 2 | 0.2 | 205 | 197.8 |
| 105G_1987_1090 | 0 | 32 | 27 | 2 | <0.1 | 162 | 167.7 |
| 105G_1987_1091 | 0 | 20 | 18 | 2 | <0.1 | 184 | 182.8 |
| 105G_1987_1092 | 0 | 19 | 19 | 2 | <0.1 | 256 | 259.0 |
| 105G_1987_1093 | 0 | 30 | 27 | 2 | <0.1 | 123 | 119.1 |
| 105G_1987_1094 | 0 | 43 | 40 | 2 | <0.1 | 91 | 88.7 |
| 105G_1987_1095 | 0 | 44 | 52 | 2 | <0.1 | 122 | 153.2 |
| 105G_1987_1096 | 0 | 24 | 27 | 2 | <0.1 | 108 | 110.7 |
| 105G_1987_1097 | 0 | 40 | 45 | 2 | 0.2 | 104 | 109.1 |
| 105G_1987_1098 | 0 | 33 | 33 | 2 | <0.1 | 99 | 98.3 |
| 105G_1987_1099 | 0 | 20 | 5 | 2 | <0.1 | 61 | 58.6 |
| 105G_1987_1100 | 0 | 22 | 24 | 2 | 0.3 | 90 | 85.1 |
| 105G_1987_1102 | 0 | 27 | 30 | 2 | <0.1 | 149 | 152.7 |
| 105G_1987_1103 | 0 | 27 | 28 | 2 | <0.1 | 134 | 138.4 |
| 105G_1987_1104 | 0 | 17 | 23 | 2 | <0.1 | 242 | 246.1 |
| 105G_1987_1105 | 0 | 24 | 27 | 2 | 0.3 | 156 | 171.8 |
| 105G_1987_1106 | 0 | 30 | 31 | 2 | <0.1 | 174 | 176.9 |
| 105G_1987_1107 | 0 | 17 | 21 | 2 | <0.1 | 130 | 139.7 |
| 105G_1987_1108 | 1 | 21 | 22 | 2 | 0.3 | 104 | 100.2 |
| 105G_1987_1109 | 2 | 20 | 22 | 2 | 0.1 | 91 | 88.6 |
| 105G_1987_1110 | 0 | 16 | 22 | 2 | 0.4 | 90 | 78.2 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----------|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | FA-NA ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1111 | 0 | <0.2 | 231 | 0.66 | 2 | 1.4 | <1 | 10.0 | | | 1 | 1500 | 456.4 | 0.09 |
| 105G_1987_1112 | 0 | 0.2 | 271 | 0.76 | 3 | 3.4 | <1 | 10.0 | | | 1 | 1360 | 226.0 | 0.12 |
| 105G_1987_1113 | 0 | <0.2 | 290 | 0.65 | 3 | 3.5 | <1 | 10.0 | | | 6 | 1390 | 696.4 | 0.09 |
| 105G_1987_1114 | 0 | <0.2 | 165 | 0.82 | 8 | 8.6 | <1 | 10.0 | | | 2 | 1210 | 390.1 | 0.23 |
| 105G_1987_1115 | 0 | 0.2 | 207 | 0.97 | 6 | 2.4 | 4 | 10.0 | | | 2 | 1110 | 406.3 | 0.14 |
| 105G_1987_1117 | 0 | <0.2 | 205 | 0.78 | 10 | 10.6 | <1 | 10.0 | | | 2 | 1650 | 520.8 | 0.15 |
| 105G_1987_1118 | 0 | <0.2 | 129 | 0.99 | 2 | 3.3 | <1 | 10.0 | | | 2 | 936 | 190.2 | 0.10 |
| 105G_1987_1119 | 0 | <0.2 | 208 | 0.81 | 2 | 2.7 | <1 | 10.0 | | | 6 | 983 | 360.5 | 0.14 |
| 105G_1987_1120 | 0 | <0.2 | 109 | 1.11 | 3 | 3.6 | <1 | 10.0 | | | 2 | 946 | 224.7 | 0.09 |
| 105G_1987_1122 | 0 | 0.2 | 127 | 0.99 | 6 | 5.7 | <1 | 10.0 | | | 1 | 1240 | 402.5 | 0.10 |
| 105G_1987_1123 | 0 | <0.2 | 140 | 0.98 | 7 | 6.8 | <1 | 10.0 | | | 2 | 1340 | 557.8 | 0.08 |
| 105G_1987_1124 | 0 | 0.2 | 172 | 1.48 | 7 | 6.6 | 11 | 10.0 | 3 | 5.0 | 1 | 1330 | 463.6 | 0.16 |
| 105G_1987_1125 | 0 | 0.3 | 416 | 1.23 | 2 | 2.3 | <1 | 10.0 | | | 1 | 1020 | 318.9 | 0.10 |
| 105G_1987_1126 | 1 | 0.2 | 334 | 1.11 | 6 | 5.5 | <1 | 10.0 | | | <1 | 1060 | 366.4 | 0.11 |
| 105G_1987_1127 | 2 | 0.3 | 354 | 1.06 | 7 | 5.7 | <1 | 10.0 | | | <1 | 1020 | 353.9 | 0.11 |
| 105G_1987_1128 | 0 | 0.2 | 377 | 1.11 | 4 | 5.3 | <1 | 10.0 | | | 1 | 1080 | 348.8 | 0.12 |
| 105G_1987_1129 | 0 | 0.3 | 298 | 1.41 | 3 | 3.7 | <1 | 10.0 | | | 1 | 1090 | 333.2 | 0.13 |
| 105G_1987_1131 | 0 | <0.2 | 139 | 0.77 | 7 | 6.8 | <1 | 10.0 | | | 3 | 1450 | 906.4 | 0.07 |
| 105G_1987_1132 | 0 | <0.2 | 175 | 0.71 | 3 | 2.8 | <1 | 10.0 | | | 1 | 1080 | 289.0 | 0.09 |
| 105G_1987_1133 | 0 | <0.2 | 223 | 0.77 | 4 | 3.7 | <1 | 10.0 | | | 1 | 1330 | 348.3 | 0.09 |
| 105G_1987_1134 | 0 | <0.2 | 265 | 0.78 | 2 | 1.2 | <1 | 10.0 | | | 3 | 1220 | 438.7 | 0.11 |
| 105G_1987_1135 | 0 | 0.3 | 220 | 0.51 | 3 | 0.7 | <1 | 10.0 | | | 13 | 1090 | 335.2 | 0.10 |
| 105G_1987_1136 | 0 | 0.8 | 673 | 1.04 | 4 | 4.5 | <1 | 10.0 | | | 2 | 2540 | 683.5 | 0.18 |
| 105G_1987_1137 | 0 | <0.2 | 156 | 0.70 | 10 | 12.4 | <1 | 10.0 | | | 2 | 2410 | 334.9 | 0.14 |
| 105G_1987_1138 | 0 | <0.2 | 422 | 0.57 | 5 | 7.4 | <1 | 10.0 | | | 1 | 2750 | 960.9 | 0.17 |
| 105G_1987_1139 | 0 | 0.4 | 522 | 0.76 | 6 | 7.6 | <1 | 10.0 | | | 1 | 2950 | 680.9 | 0.19 |
| 105G_1987_1140 | 0 | 0.4 | 518 | 0.63 | 6 | 7.7 | 2 | 10.0 | | | 3 | 6300 | 2960.5 | 0.20 |
| 105G_1987_1142 | 0 | 0.7 | 591 | 0.64 | 6 | 7.8 | <1 | 10.0 | | | 3 | 2380 | 1285.9 | 0.23 |
| 105G_1987_1143 | 0 | <0.2 | 139 | 0.80 | 3 | 4.0 | <1 | 10.0 | | | 1 | 1120 | 242.2 | 0.11 |
| 105G_1987_1144 | 0 | <0.2 | 152 | 0.58 | 175 | 367.1 | <1 | 10.0 | | | 4 | 1260 | 536.7 | 0.11 |
| 105G_1987_1146 | 0 | <0.2 | 60 | 0.64 | 4 | 7.9 | <1 | 10.0 | | | 5 | 897 | 202.5 | 0.08 |
| 105G_1987_1147 | 0 | <0.2 | 95 | 0.46 | 6 | 6.8 | 32 | 10.0 | 1 | 10.0 | 4 | 709 | 164.4 | 0.11 |
| 105G_1987_1148 | 0 | <0.2 | 304 | 0.91 | 6 | 16.6 | 2 | 10.0 | | | 4 | 1660 | 489.2 | 0.19 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1111 | 0 | 0.43 | 1.2 | 1.06 | 3 | 3.3 | 15.1 | 13 | 10.85 | 300 | 1.45 | 0.94 | 1.7 | 80 | 78 |
| 105G_1987_1112 | 0 | 0.42 | 1.4 | 1.38 | 7 | 6.8 | 20.0 | 22 | 19.39 | 345 | 1.79 | 1.52 | 2.2 | 75 | 70 |
| 105G_1987_1113 | 0 | 1.96 | 5.3 | 5.30 | 6 | 5.6 | 30.6 | 23 | 22.90 | 260 | 1.50 | 1.46 | 1.8 | 175 | 167 |
| 105G_1987_1114 | 0 | 0.71 | 1.4 | 1.44 | 7 | 6.6 | 24.5 | 20 | 18.32 | 350 | 2.48 | 1.85 | 2.3 | 75 | 62 |
| 105G_1987_1115 | 0 | 1.26 | 2.9 | 2.89 | 5 | 6.2 | 25.9 | 38 | 35.53 | 280 | 1.60 | 1.15 | 2.6 | 85 | 72 |
| 105G_1987_1117 | 0 | 1.91 | 0.2 | 1.21 | 10 | 10.5 | 22.9 | 39 | 32.28 | 515 | 2.27 | 2.17 | 2.3 | 45 | 55 |
| 105G_1987_1118 | 0 | 0.54 | <0.2 | 0.39 | 10 | 9.7 | 40.0 | 31 | 26.26 | 390 | 2.07 | 1.82 | 2.8 | 25 | 28 |
| 105G_1987_1119 | 0 | 1.49 | 0.9 | 1.22 | 8 | 8.0 | 19.8 | 18 | 15.97 | 375 | 2.66 | 2.23 | 2.4 | 125 | 113 |
| 105G_1987_1120 | 0 | 0.52 | <0.2 | 0.28 | 11 | 10.5 | 47.9 | 31 | 26.28 | 365 | 2.40 | 1.96 | 3.3 | 30 | 27 |
| 105G_1987_1122 | 0 | 0.42 | 0.4 | 0.61 | 9 | 8.2 | 29.8 | 17 | 14.28 | 350 | 2.39 | 2.14 | 2.7 | 55 | 44 |
| 105G_1987_1123 | 0 | 0.64 | 0.5 | 0.83 | 9 | 8.9 | 37.8 | 18 | 15.74 | 320 | 2.45 | 2.09 | 2.7 | 55 | 55 |
| 105G_1987_1124 | 0 | 0.68 | <0.2 | 0.50 | 16 | 15.8 | 66.0 | 38 | 32.87 | 405 | 2.66 | 2.61 | 4.3 | 30 | 44 |
| 105G_1987_1125 | 0 | 0.60 | <0.2 | 0.43 | 9 | 9.0 | 84.8 | 38 | 32.72 | 350 | 2.38 | 1.77 | 3.4 | 30 | 50 |
| 105G_1987_1126 | 1 | 0.70 | 1.1 | 1.43 | 8 | 8.1 | 35.4 | 29 | 25.07 | 305 | 2.40 | 1.72 | 2.5 | 60 | 81 |
| 105G_1987_1127 | 2 | 0.72 | 1.5 | 1.71 | 8 | 8.5 | 34.0 | 30 | 24.64 | 330 | 2.45 | 1.72 | 2.2 | 85 | 90 |
| 105G_1987_1128 | 0 | 0.72 | 1.5 | 1.68 | 8 | 8.4 | 33.1 | 30 | 25.44 | 315 | 2.50 | 1.75 | 2.4 | 85 | 78 |
| 105G_1987_1129 | 0 | 0.74 | 0.7 | 1.01 | 10 | 11.3 | 52.5 | 29 | 26.60 | 290 | 2.55 | 1.88 | 3.3 | 95 | 81 |
| 105G_1987_1131 | 0 | 1.08 | 0.7 | 1.12 | 5 | 5.6 | 27.9 | 11 | 9.90 | 270 | 5.74 | 5.31 | 1.7 | 80 | 81 |
| 105G_1987_1132 | 0 | 0.47 | 0.7 | 0.76 | 5 | 5.3 | 21.1 | 16 | 13.31 | 350 | 1.74 | 1.29 | 1.9 | 55 | 46 |
| 105G_1987_1133 | 0 | 0.47 | 1.0 | 1.17 | 7 | 6.9 | 17.5 | 16 | 13.10 | 400 | 2.33 | 2.01 | 1.9 | 90 | 77 |
| 105G_1987_1134 | 0 | 1.02 | 1.0 | 1.32 | 6 | 5.7 | 20.4 | 25 | 21.77 | 380 | 1.74 | 1.28 | 2.2 | 125 | 115 |
| 105G_1987_1135 | 0 | 4.40 | 0.2 | 0.66 | 4 | 3.6 | 33.6 | 32 | 27.93 | 320 | 0.96 | 1.02 | 1.3 | 170 | 145 |
| 105G_1987_1136 | 0 | 0.39 | 0.6 | 0.89 | 8 | 8.1 | 22.1 | 40 | 33.28 | 560 | 2.39 | 1.70 | 2.5 | 150 | 137 |
| 105G_1987_1137 | 0 | 5.88 | 0.9 | 1.07 | 11 | 10.8 | 11.6 | 27 | 22.65 | 840 | 1.77 | 2.38 | 2.0 | 100 | 80 |
| 105G_1987_1138 | 0 | 0.29 | 3.1 | 3.15 | 12 | 10.8 | 9.9 | 57 | 51.20 | 625 | 2.42 | 2.02 | 1.5 | 130 | 96 |
| 105G_1987_1139 | 0 | 0.43 | 3.5 | 3.36 | 12 | 11.4 | 13.5 | 61 | 52.44 | 620 | 2.59 | 2.21 | 1.9 | 130 | 106 |
| 105G_1987_1140 | 0 | 0.38 | 1.9 | 2.04 | 13 | 12.0 | 11.9 | 64 | 55.87 | 615 | 2.54 | 2.24 | 1.6 | 160 | 162 |
| 105G_1987_1142 | 0 | 0.46 | 2.6 | 2.58 | 13 | 12.8 | 11.3 | 48 | 39.80 | 475 | 2.69 | 2.50 | 1.7 | 185 | 167 |
| 105G_1987_1143 | 0 | 0.63 | 0.4 | 0.47 | 6 | 5.1 | 17.6 | 22 | 16.92 | 450 | 1.92 | 1.57 | 2.2 | 55 | 66 |
| 105G_1987_1144 | 0 | 1.30 | 1.0 | 1.27 | 7 | 6.9 | 13.6 | 17 | 14.22 | 370 | 6.23 | 8.60 | 1.7 | 165 | 131 |
| 105G_1987_1146 | 0 | 0.74 | <0.2 | 0.34 | 8 | 7.6 | 23.7 | 16 | 12.58 | 400 | 2.13 | 1.60 | 2.2 | 85 | 69 |
| 105G_1987_1147 | 0 | 0.63 | 0.6 | 0.61 | 5 | 5.2 | 14.1 | 20 | 14.94 | 425 | 1.33 | 1.01 | 1.8 | 105 | 106 |
| 105G_1987_1148 | 0 | 1.02 | 0.6 | 0.89 | 14 | 15.0 | 27.0 | 44 | 39.56 | 550 | 2.71 | 2.23 | 2.8 | 135 | 127 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1111 | 0 | 0.04 | 8.0 | 6.8 | 0.26 | 91 | 94 | <2 | 0.28 | 0.005 | 18 | 16.2 | 0.083 | 8 | 6.68 |
| 105G_1987_1112 | 0 | 0.07 | 13.1 | 4.6 | 0.35 | 248 | 291 | <2 | 0.97 | 0.005 | 30 | 29.2 | 0.091 | 10 | 9.01 |
| 105G_1987_1113 | 0 | 0.08 | 6.6 | 36.2 | 0.50 | 1063 | 1007 | <2 | 0.86 | 0.009 | 29 | 27.5 | 0.146 | 9 | 7.83 |
| 105G_1987_1114 | 0 | 0.07 | 12.7 | 13.2 | 0.41 | 620 | 580 | <2 | 0.54 | 0.012 | 26 | 24.2 | 0.099 | 12 | 9.87 |
| 105G_1987_1115 | 0 | 0.08 | 9.1 | 29.2 | 0.44 | 88 | 91 | 4 | 5.34 | 0.015 | 35 | 32.4 | 0.072 | 9 | 8.96 |
| 105G_1987_1117 | 0 | 0.09 | 10.1 | 2.6 | 1.16 | 698 | 690 | <2 | 2.27 | 0.006 | 46 | 39.5 | 0.119 | 13 | 10.73 |
| 105G_1987_1118 | 0 | 0.09 | 12.9 | 6.6 | 0.62 | 307 | 347 | <2 | 0.48 | 0.009 | 47 | 41.4 | 0.115 | 7 | 7.81 |
| 105G_1987_1119 | 0 | 0.10 | 8.2 | 21.2 | 0.54 | 379 | 1374 | <2 | 0.80 | 0.010 | 24 | 20.4 | 0.121 | 11 | 9.54 |
| 105G_1987_1120 | 0 | 0.09 | 11.2 | 4.6 | 0.77 | 324 | 391 | <2 | 0.43 | 0.011 | 45 | 40.0 | 0.104 | 7 | 7.18 |
| 105G_1987_1122 | 0 | 0.05 | 9.3 | 6.2 | 0.46 | 1174 | 1402 | <2 | 0.67 | 0.007 | 31 | 26.5 | 0.084 | 9 | 6.97 |
| 105G_1987_1123 | 0 | 0.06 | 10.3 | 10.4 | 0.51 | 3360 | 2758 | <2 | 1.11 | 0.009 | 35 | 31.7 | 0.104 | 6 | 6.13 |
| 105G_1987_1124 | 0 | 0.18 | 20.8 | 9.0 | 0.84 | 1178 | 1503 | <2 | 0.65 | 0.013 | 69 | 62.7 | 0.166 | 8 | 6.44 |
| 105G_1987_1125 | 0 | 0.09 | 13.2 | 14.2 | 0.68 | 311 | 308 | <2 | 0.63 | 0.009 | 87 | 77.2 | 0.135 | 6 | 6.11 |
| 105G_1987_1126 | 1 | 0.06 | 11.5 | 15.2 | 0.48 | 910 | 857 | <2 | 0.74 | 0.009 | 48 | 41.2 | 0.126 | 10 | 9.06 |
| 105G_1987_1127 | 2 | 0.06 | 11.0 | 17.0 | 0.45 | 982 | 860 | <2 | 0.75 | 0.007 | 49 | 40.4 | 0.129 | 10 | 8.79 |
| 105G_1987_1128 | 0 | 0.07 | 11.8 | 16.2 | 0.48 | 1088 | 996 | <2 | 0.76 | 0.009 | 48 | 40.4 | 0.125 | 10 | 10.37 |
| 105G_1987_1129 | 0 | 0.10 | 15.9 | 16.4 | 0.56 | 546 | 522 | <2 | 0.79 | 0.010 | 51 | 47.9 | 0.121 | 8 | 8.02 |
| 105G_1987_1131 | 0 | 0.03 | 5.4 | 26.4 | 0.29 | 2544 | 1905 | <2 | 1.89 | 0.007 | 17 | 15.7 | 0.126 | 6 | 4.68 |
| 105G_1987_1132 | 0 | 0.05 | 10.3 | 6.4 | 0.38 | 472 | 501 | <2 | 0.51 | 0.005 | 24 | 21.4 | 0.079 | 6 | 8.06 |
| 105G_1987_1133 | 0 | 0.07 | 9.4 | 7.6 | 0.38 | 1656 | 1405 | <2 | 0.77 | 0.006 | 28 | 25.7 | 0.087 | 7 | 6.91 |
| 105G_1987_1134 | 0 | 0.07 | 8.7 | 16.0 | 0.46 | 301 | 283 | <2 | 0.50 | 0.007 | 26 | 22.8 | 0.122 | 7 | 7.39 |
| 105G_1987_1135 | 0 | 0.08 | 6.0 | 40.0 | 0.50 | 368 | 500 | <2 | 0.96 | 0.010 | 20 | 14.7 | 0.164 | 8 | 5.45 |
| 105G_1987_1136 | 0 | 0.07 | 8.5 | 8.2 | 0.36 | 103 | 113 | <2 | 2.12 | 0.007 | 43 | 38.7 | 0.115 | 14 | 12.36 |
| 105G_1987_1137 | 0 | 0.13 | 13.8 | 2.5 | 2.16 | 338 | 374 | 14 | 14.62 | 0.004 | 56 | 44.8 | 0.109 | 19 | 13.43 |
| 105G_1987_1138 | 0 | 0.09 | 4.9 | 3.0 | 0.23 | 218 | 300 | 3 | 4.59 | 0.005 | 67 | 54.2 | 0.109 | 20 | 16.14 |
| 105G_1987_1139 | 0 | 0.08 | 5.9 | 3.8 | 0.41 | 323 | 407 | 3 | 4.58 | 0.009 | 84 | 71.5 | 0.106 | 19 | 17.91 |
| 105G_1987_1140 | 0 | 0.11 | 7.3 | 5.0 | 0.21 | 239 | 324 | 2 | 4.09 | 0.007 | 58 | 48.7 | 0.124 | 19 | 16.15 |
| 105G_1987_1142 | 0 | 0.11 | 9.4 | 5.2 | 0.31 | 352 | 464 | 4 | 5.24 | 0.007 | 57 | 46.1 | 0.123 | 19 | 16.08 |
| 105G_1987_1143 | 0 | 0.09 | 13.1 | 7.0 | 0.47 | 139 | 154 | <2 | 0.49 | 0.009 | 27 | 18.6 | 0.093 | 10 | 9.24 |
| 105G_1987_1144 | 0 | 0.06 | 7.8 | 16.6 | 0.36 | 2808 | 2595 | 5 | 5.67 | 0.006 | 26 | 19.0 | 0.252 | 9 | 6.60 |
| 105G_1987_1146 | 0 | 0.06 | 9.5 | 13.4 | 0.53 | 678 | 543 | <2 | 0.39 | 0.008 | 29 | 23.9 | 0.108 | 6 | 5.09 |
| 105G_1987_1147 | 0 | 0.05 | 10.7 | 6.8 | 0.33 | 1872 | 1133 | <2 | 0.28 | 0.009 | 23 | 17.3 | 0.115 | 8 | 5.59 |
| 105G_1987_1148 | 0 | 0.09 | 11.4 | 41.6 | 0.54 | 486 | 480 | <2 | 1.17 | 0.007 | 54 | 47.0 | 0.123 | 14 | 11.77 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1111 | 0 | 0.07 | 0.4 | 0.31 | 1.6 | 2.0 | 2 | 23.5 | <0.02 | 1.6 | 0.008 | 0.10 | 1.0 | 3.5 |
| 105G_1987_1112 | 0 | 0.01 | 0.7 | 0.67 | 1.5 | 0.9 | 1 | 23.9 | <0.02 | 2.0 | 0.018 | 0.08 | 1.1 | 3.1 |
| 105G_1987_1113 | 0 | 0.18 | 0.8 | 1.24 | 1.0 | 4.9 | 4 | 36.3 | 0.02 | 0.6 | 0.011 | 0.38 | 2.8 | 3.6 |
| 105G_1987_1114 | 0 | 0.09 | 0.4 | 0.63 | 2.1 | 2.3 | 2 | 34.8 | 0.02 | 2.5 | 0.023 | 0.08 | 1.9 | 3.7 |
| 105G_1987_1115 | 0 | 0.81 | 2.1 | 2.83 | 2.3 | 20.2 | 2 | 38.6 | 0.02 | 2.5 | 0.023 | 0.13 | 21.8 | 20.6 |
| 105G_1987_1117 | 0 | 0.20 | 0.8 | 0.75 | 2.7 | 1.1 | 7 | 49.7 | 0.03 | 4.4 | 0.009 | 0.13 | 1.2 | 3.4 |
| 105G_1987_1118 | 0 | 0.01 | 0.4 | 0.51 | 2.4 | 0.7 | <1 | 25.1 | 0.02 | 1.7 | 0.036 | 0.06 | 1.1 | 3.1 |
| 105G_1987_1119 | 0 | 0.15 | 0.4 | 0.43 | 2.5 | 4.0 | 3 | 47.6 | 0.02 | 1.5 | 0.008 | 0.12 | 0.6 | 2.2 |
| 105G_1987_1120 | 0 | 0.02 | 0.3 | 0.31 | 2.9 | 0.3 | 2 | 23.3 | 0.02 | 1.9 | 0.041 | 0.07 | 1.0 | 2.4 |
| 105G_1987_1122 | 0 | 0.02 | 6.4 | 0.32 | 2.2 | 0.9 | 1 | 21.7 | <0.02 | 1.5 | 0.014 | 0.09 | 1.2 | 3.0 |
| 105G_1987_1123 | 0 | 0.05 | 0.3 | 0.33 | 2.1 | 1.7 | 2 | 27.5 | 0.02 | 1.1 | 0.018 | 0.09 | 2.0 | 3.1 |
| 105G_1987_1124 | 0 | 0.01 | 0.4 | 0.30 | 3.0 | 1.0 | 3 | 39.8 | 0.03 | 1.2 | 0.053 | 0.13 | 1.8 | 3.4 |
| 105G_1987_1125 | 0 | 0.06 | 0.3 | 0.32 | 2.0 | 1.8 | 2 | 25.8 | <0.02 | 0.5 | 0.027 | 0.07 | 2.2 | 3.8 |
| 105G_1987_1126 | 1 | 0.07 | 0.6 | 0.56 | 1.5 | 2.4 | 1 | 31.0 | <0.02 | 0.5 | 0.013 | 0.09 | 1.9 | 3.2 |
| 105G_1987_1127 | 2 | 0.07 | 0.6 | 0.56 | 1.5 | 3.4 | 1 | 30.6 | 0.02 | 0.5 | 0.012 | 0.09 | 2.2 | 3.8 |
| 105G_1987_1128 | 0 | 0.07 | 0.7 | 0.60 | 1.5 | 2.2 | 2 | 33.0 | 0.03 | 0.5 | 0.012 | 0.08 | 1.6 | 3.0 |
| 105G_1987_1129 | 0 | 0.06 | 0.5 | 0.51 | 2.5 | 1.9 | 2 | 30.5 | 0.04 | 1.0 | 0.023 | 0.10 | 2.2 | 4.0 |
| 105G_1987_1131 | 0 | 0.16 | 0.3 | 0.29 | 1.4 | 8.2 | 5 | 37.2 | <0.02 | 1.2 | 0.008 | 0.08 | 1.8 | 2.8 |
| 105G_1987_1132 | 0 | 0.03 | 0.3 | 0.51 | 1.5 | 0.8 | <1 | 16.9 | 0.02 | 1.3 | 0.016 | 0.08 | 1.0 | 2.3 |
| 105G_1987_1133 | 0 | 0.03 | 0.3 | 0.42 | 1.6 | 1.5 | <1 | 30.8 | <0.02 | 2.2 | 0.011 | 0.08 | 0.9 | 3.1 |
| 105G_1987_1134 | 0 | 0.11 | 0.4 | 0.43 | 1.9 | 3.3 | 2 | 37.8 | <0.02 | 1.5 | 0.008 | 0.09 | 1.1 | 2.8 |
| 105G_1987_1135 | 0 | 0.25 | 0.7 | 1.00 | 4.3 | 11.2 | 10 | 75.0 | 0.02 | 0.4 | 0.007 | 0.10 | 2.0 | 3.4 |
| 105G_1987_1136 | 0 | 0.08 | 1.0 | 0.94 | 2.8 | 3.1 | 2 | 37.0 | 0.03 | 1.5 | 0.005 | 0.17 | 2.1 | 4.8 |
| 105G_1987_1137 | 0 | 0.08 | 3.1 | 2.80 | 3.2 | 0.7 | 17 | 100.9 | 0.04 | 4.1 | 0.003 | 0.25 | 2.2 | 6.3 |
| 105G_1987_1138 | 0 | 0.08 | 3.0 | 3.18 | 2.4 | 2.3 | 2 | 54.4 | 0.04 | 2.6 | 0.002 | 0.29 | 1.6 | 4.8 |
| 105G_1987_1139 | 0 | 0.07 | 3.4 | 2.98 | 2.0 | 2.3 | 4 | 69.5 | 0.05 | 2.5 | 0.006 | 0.29 | 2.1 | 5.5 |
| 105G_1987_1140 | 0 | 0.10 | 2.5 | 2.04 | 3.1 | 2.8 | 4 | 59.5 | 0.06 | 2.3 | 0.003 | 0.24 | 1.2 | 4.4 |
| 105G_1987_1142 | 0 | 0.09 | 2.4 | 2.00 | 3.4 | 3.0 | 2 | 46.1 | 0.05 | 3.3 | 0.002 | 0.27 | 1.0 | 4.6 |
| 105G_1987_1143 | 0 | 0.04 | 0.3 | 0.52 | 1.8 | 0.5 | 3 | 34.9 | <0.02 | 3.8 | 0.011 | 0.09 | 0.6 | 2.4 |
| 105G_1987_1144 | 0 | 0.06 | 2.3 | 0.77 | 1.5 | 0.7 | 4 | 134.9 | 0.03 | 2.2 | 0.008 | 0.08 | 0.7 | 1.9 |
| 105G_1987_1146 | 0 | 0.11 | 0.3 | 0.41 | 1.8 | 0.9 | 3 | 37.3 | <0.02 | 2.1 | 0.015 | 0.05 | 1.0 | 2.5 |
| 105G_1987_1147 | 0 | 0.07 | 0.3 | 0.28 | 1.5 | 0.6 | 1 | 30.0 | <0.02 | 2.3 | 0.017 | 0.08 | 0.6 | 2.1 |
| 105G_1987_1148 | 0 | 0.16 | 1.4 | 1.53 | 2.8 | 2.0 | 3 | 61.2 | 0.02 | 3.7 | 0.005 | 0.10 | 4.8 | 6.2 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|-------------|------------|---------------|------------|---------------|------------|---------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1111 | 0 | 16 | 19 | 2 | <0.1 | 107 | 103.0 |
| 105G_1987_1112 | 0 | 22 | 23 | 2 | 0.6 | 137 | 139.5 |
| 105G_1987_1113 | 0 | 18 | 18 | 2 | 0.1 | 199 | 198.4 |
| 105G_1987_1114 | 0 | 19 | 23 | 2 | 0.4 | 129 | 125.5 |
| 105G_1987_1115 | 0 | 26 | 24 | 2 | <0.1 | 140 | 146.2 |
| 105G_1987_1117 | 0 | 25 | 23 | 2 | <0.1 | 110 | 103.7 |
| 105G_1987_1118 | 0 | 32 | 30 | 2 | 0.1 | 86 | 85.0 |
| 105G_1987_1119 | 0 | 19 | 21 | 2 | <0.1 | 160 | 156.1 |
| 105G_1987_1120 | 0 | 36 | 35 | 2 | 0.1 | 83 | 74.6 |
| 105G_1987_1122 | 0 | 26 | 27 | 2 | <0.1 | 103 | 99.6 |
| 105G_1987_1123 | 0 | 24 | 27 | 2 | 0.2 | 102 | 101.4 |
| 105G_1987_1124 | 0 | 47 | 43 | 2 | 0.2 | 101 | 97.2 |
| 105G_1987_1125 | 0 | 38 | 32 | 2 | 0.1 | 89 | 85.1 |
| 105G_1987_1126 | 1 | 25 | 25 | 2 | <0.1 | 153 | 153.0 |
| 105G_1987_1127 | 2 | 24 | 23 | 2 | <0.1 | 167 | 152.3 |
| 105G_1987_1128 | 0 | 25 | 25 | 2 | <0.1 | 501 | 176.0 |
| 105G_1987_1129 | 0 | 28 | 29 | 2 | 0.2 | 115 | 120.2 |
| 105G_1987_1131 | 0 | 18 | 18 | 2 | <0.1 | 238 | 210.8 |
| 105G_1987_1132 | 0 | 17 | 20 | 2 | 0.3 | 99 | 92.8 |
| 105G_1987_1133 | 0 | 19 | 21 | 2 | 0.2 | 144 | 133.2 |
| 105G_1987_1134 | 0 | 13 | 17 | 2 | <0.1 | 117 | 120.9 |
| 105G_1987_1135 | 0 | 15 | 11 | 2 | <0.1 | 69 | 63.8 |
| 105G_1987_1136 | 0 | 30 | 31 | 2 | <0.1 | 184 | 179.8 |
| 105G_1987_1137 | 0 | 36 | 32 | 2 | <0.1 | 184 | 166.1 |
| 105G_1987_1138 | 0 | 27 | 29 | 2 | <0.1 | 454 | 407.3 |
| 105G_1987_1139 | 0 | 28 | 32 | 2 | <0.1 | 520 | 447.6 |
| 105G_1987_1140 | 0 | 27 | 28 | 2 | <0.1 | 322 | 296.4 |
| 105G_1987_1142 | 0 | 25 | 23 | 2 | <0.1 | 301 | 269.0 |
| 105G_1987_1143 | 0 | 25 | 24 | 2 | 0.2 | 98 | 85.4 |
| 105G_1987_1144 | 0 | 23 | 22 | 2 | 0.1 | 113 | 109.3 |
| 105G_1987_1146 | 0 | 23 | 22 | 2 | <0.1 | 71 | 71.0 |
| 105G_1987_1147 | 0 | 15 | 17 | 2 | 4.0 | 65 | 62.8 |
| 105G_1987_1148 | 0 | 31 | 32 | 2 | <0.1 | 131 | 135.4 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1149 | 1 | <0.2 | 133 | 0.88 | 4 | 6.2 | <1 | 10.0 | | | 5 | 1430 | 436.0 | 0.09 |
| 105G_1987_1150 | 2 | <0.2 | 129 | 0.84 | 4 | 6.3 | <1 | 10.0 | | | 5 | 1360 | 428.8 | 0.08 |
| 105G_1987_1151 | 0 | <0.2 | 379 | 1.17 | 10 | 14.8 | <1 | 10.0 | | | 5 | 1780 | 491.8 | 0.35 |
| 105G_1987_1152 | 0 | <0.2 | 102 | 0.68 | 7 | 9.2 | <1 | 10.0 | | | 4 | 914 | 241.4 | 0.13 |
| 105G_1987_1153 | 0 | <0.2 | 139 | 0.75 | 8 | 10.9 | <1 | 10.0 | | | 4 | 1070 | 340.1 | 0.17 |
| 105G_1987_1154 | 0 | <0.2 | 261 | 1.28 | 8 | 12.8 | <1 | 10.0 | | | 3 | 1730 | 410.0 | 0.30 |
| 105G_1987_1155 | 0 | <0.2 | 90 | 0.70 | 4 | 9.6 | <1 | 10.0 | | | 4 | 686 | 153.5 | 0.20 |
| 105G_1987_1156 | 0 | <0.2 | 355 | 0.90 | 17 | 26.9 | 1 | 10.0 | | | 5 | 1290 | 256.9 | 0.18 |
| 105G_1987_1157 | 0 | 0.4 | 450 | 1.27 | 7 | 17.9 | <1 | 10.0 | | | 5 | 1600 | 316.7 | 0.23 |
| 105G_1987_1158 | 0 | 0.3 | 255 | 0.99 | 15 | 21.5 | <1 | 10.0 | | | 6 | 1280 | 362.1 | 0.16 |
| 105G_1987_1159 | 0 | <0.2 | 197 | 0.67 | 7 | 9.9 | <1 | 10.0 | | | 7 | 1700 | 655.3 | 0.14 |
| 105G_1987_1160 | 0 | <0.2 | 351 | 0.42 | 11 | 13.1 | <1 | 10.0 | | | 4 | 1630 | 359.5 | 0.12 |
| 105G_1987_1162 | 0 | <0.2 | 210 | 0.61 | 2 | 3.5 | <1 | 10.0 | | | 4 | 1200 | 460.0 | 0.10 |
| 105G_1987_1163 | 0 | <0.2 | 279 | 0.54 | 9 | 13.2 | <1 | 10.0 | | | 4 | 2010 | 333.2 | 0.14 |
| 105G_1987_1164 | 1 | <0.2 | 210 | 0.31 | 13 | 15.4 | <1 | 10.0 | | | 3 | 1500 | 181.8 | 0.13 |
| 105G_1987_1165 | 2 | <0.2 | 221 | 0.33 | 13 | 15.9 | <1 | 10.0 | | | 4 | 1540 | 199.9 | 0.12 |
| 105G_1987_1166 | 0 | <0.2 | 198 | 0.60 | 9 | 10.5 | <1 | 10.0 | | | 4 | 1740 | 412.0 | 0.13 |
| 105G_1987_1167 | 0 | <0.2 | 103 | 0.68 | 1 | 1.2 | <1 | 10.0 | | | 4 | 1210 | 233.4 | 0.08 |
| 105G_1987_1168 | 0 | 0.4 | 553 | 0.37 | 35 | 31.2 | 4 | 10.0 | | | 4 | 6490 | 1917.8 | 0.17 |
| 105G_1987_1169 | 0 | 0.4 | 514 | 0.44 | 13 | 23.3 | <1 | 10.0 | | | 4 | 2060 | 384.8 | 0.16 |
| 105G_1987_1170 | 0 | 0.2 | 451 | 0.71 | 14 | 18.7 | 2 | 10.0 | | | 4 | 2220 | 257.7 | 0.24 |
| 105G_1987_1171 | 0 | 0.3 | 284 | 0.51 | 96 | 17.4 | <1 | 10.0 | | | 3 | 1760 | 112.3 | 0.17 |
| 105G_1987_1172 | 0 | 0.2 | 253 | 0.55 | 12 | 14.4 | <1 | 10.0 | | | 3 | 1630 | 414.6 | 0.13 |
| 105G_1987_1174 | 0 | 0.3 | 235 | 0.68 | 16 | 18.3 | <1 | 10.0 | | | 2 | 1300 | 197.7 | 0.16 |
| 105G_1987_1175 | 0 | 0.3 | 341 | 0.33 | 20 | 26.6 | <1 | 10.0 | | | 3 | 2090 | 616.7 | 0.17 |
| 105G_1987_1176 | 0 | 0.2 | 238 | 0.53 | 20 | 24.6 | 2 | 10.0 | | | 2 | 1160 | 118.6 | 0.18 |
| 105G_1987_1177 | 0 | 0.8 | 721 | 0.41 | 10 | 8.9 | <1 | 10.0 | | | 6 | 2650 | 1114.8 | 0.17 |
| 105G_1987_1178 | 0 | 0.7 | 552 | 0.47 | 10 | 13.4 | <1 | 10.0 | | | 5 | 1560 | 273.8 | 0.15 |
| 105G_1987_1179 | 0 | 1.0 | 913 | 0.99 | 10 | 15.5 | <1 | 10.0 | | | 7 | 2700 | 1040.8 | 0.17 |
| 105G_1987_1180 | 0 | 0.7 | | | 10 | | <1 | 10.0 | | | | 2280 | | |
| 105G_1987_1182 | 0 | 0.3 | 244 | 0.78 | 9 | 11.7 | <1 | 10.0 | | | 2 | 1995 | 425.6 | 0.19 |
| 105G_1987_1183 | 0 | 0.7 | 530 | 0.72 | 10 | 14.0 | <1 | 10.0 | | | 2 | 3029 | 1102.4 | 0.17 |
| 105G_1987_1184 | 0 | 0.4 | 463 | 0.73 | 8 | 10.8 | <1 | 10.0 | | | 3 | 2196 | 702.0 | 0.17 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1149 | 1 | 0.57 | <0.2 | 0.49 | 12 | 14.0 | 42.8 | 24 | 23.71 | 450 | 2.38 | 2.15 | 3.0 | 570 | 806 |
| 105G_1987_1150 | 2 | 0.57 | 0.2 | 0.45 | 14 | 13.4 | 42.3 | 25 | 20.89 | 430 | 2.38 | 2.10 | 2.8 | 375 | 330 |
| 105G_1987_1151 | 0 | 0.93 | 1.1 | 1.66 | 11 | 11.8 | 27.8 | 53 | 50.16 | 515 | 2.73 | 2.82 | 3.8 | 140 | 142 |
| 105G_1987_1152 | 0 | 0.90 | 0.2 | 0.43 | 6 | 6.6 | 15.8 | 17 | 16.13 | 615 | 1.84 | 1.43 | 2.3 | 50 | 54 |
| 105G_1987_1153 | 0 | 0.79 | 0.4 | 0.72 | 10 | 9.7 | 23.2 | 20 | 18.91 | 520 | 2.00 | 1.93 | 2.5 | 55 | 65 |
| 105G_1987_1154 | 0 | 1.89 | 1.1 | 1.14 | 13 | 12.9 | 35.2 | 43 | 39.01 | 535 | 3.39 | 2.95 | 4.1 | 105 | 96 |
| 105G_1987_1155 | 0 | 0.65 | <0.2 | 0.31 | 9 | 9.0 | 16.4 | 19 | 17.44 | 530 | 1.88 | 1.71 | 2.4 | 25 | 32 |
| 105G_1987_1156 | 0 | 3.84 | 1.6 | 1.87 | 13 | 14.1 | 26.8 | 53 | 50.29 | 465 | 1.90 | 2.66 | 2.8 | 105 | 99 |
| 105G_1987_1157 | 0 | 0.66 | 0.6 | 0.86 | 12 | 12.4 | 30.6 | 49 | 45.30 | 635 | 2.79 | 2.78 | 3.8 | 105 | 115 |
| 105G_1987_1158 | 0 | 1.28 | 0.6 | 0.94 | 13 | 13.8 | 40.1 | 43 | 39.06 | 695 | 2.58 | 2.53 | 2.9 | 110 | 109 |
| 105G_1987_1159 | 0 | 1.36 | 0.6 | 0.87 | 7 | 7.5 | 20.1 | 19 | 16.93 | 620 | 1.78 | 1.83 | 2.0 | 75 | 72 |
| 105G_1987_1160 | 0 | 4.35 | 2.2 | 2.10 | 8 | 8.5 | 10.7 | 30 | 26.60 | 837 | 1.52 | 2.09 | 1.2 | 75 | 76 |
| 105G_1987_1162 | 0 | 1.78 | 0.6 | 0.79 | 6 | 5.8 | 12.5 | 31 | 26.74 | 415 | 1.48 | 1.40 | 1.8 | 75 | 78 |
| 105G_1987_1163 | 0 | 3.16 | 1.6 | 1.71 | 11 | 11.2 | 8.9 | 27 | 25.52 | 785 | 2.05 | 2.58 | 1.5 | 30 | 51 |
| 105G_1987_1164 | 1 | 4.68 | 1.4 | 1.64 | 9 | 9.8 | 8.8 | 27 | 24.19 | 950 | 1.55 | 2.40 | 0.9 | 30 | 50 |
| 105G_1987_1165 | 2 | 4.33 | 1.4 | 1.61 | 9 | 9.9 | 9.1 | 28 | 24.84 | 830 | 1.65 | 2.37 | 1.0 | 30 | 56 |
| 105G_1987_1166 | 0 | 2.41 | 1.1 | 1.29 | 8 | 8.6 | 13.9 | 27 | 22.51 | 695 | 1.95 | 2.09 | 1.9 | 50 | 62 |
| 105G_1987_1167 | 0 | 0.43 | 0.2 | 0.27 | 3 | 3.5 | 15.7 | 16 | 12.77 | 465 | 1.11 | 0.77 | 2.0 | 50 | 55 |
| 105G_1987_1168 | 0 | 1.80 | 5.5 | 5.35 | 8 | 8.0 | 6.6 | 53 | 43.53 | 680 | 2.06 | 2.06 | 0.9 | 35 | 31 |
| 105G_1987_1169 | 0 | 4.16 | 2.4 | 2.67 | 14 | 15.0 | 7.2 | 53 | 45.13 | 1100 | 2.36 | 3.03 | 1.2 | 55 | 49 |
| 105G_1987_1170 | 0 | 1.48 | 2.6 | 2.30 | 16 | 16.3 | 10.7 | 76 | 63.91 | 1070 | 3.12 | 3.22 | 1.9 | 35 | 35 |
| 105G_1987_1171 | 0 | 4.83 | 1.7 | 1.72 | 15 | 15.2 | 7.5 | 36 | 33.85 | 950 | 3.20 | 3.02 | 1.4 | 50 | 36 |
| 105G_1987_1172 | 0 | 3.84 | 1.5 | 1.57 | 11 | 10.9 | 14.1 | 27 | 25.50 | 960 | 2.73 | 2.46 | 1.5 | 50 | 45 |
| 105G_1987_1174 | 0 | 4.29 | 1.2 | 1.17 | 13 | 12.7 | 9.5 | 33 | 30.46 | 990 | 2.97 | 2.87 | 1.9 | 20 | 25 |
| 105G_1987_1175 | 0 | 4.27 | 2.5 | 2.30 | 10 | 10.3 | 5.2 | 32 | 29.33 | 975 | 2.57 | 2.38 | 0.8 | 25 | 37 |
| 105G_1987_1176 | 0 | 6.70 | 0.5 | 0.74 | 14 | 13.8 | 9.0 | 31 | 31.48 | 630 | 2.99 | 3.19 | 1.4 | 20 | 21 |
| 105G_1987_1177 | 0 | 2.25 | 5.9 | 5.65 | 8 | 6.9 | 9.2 | 42 | 40.76 | 1040 | 2.02 | 1.88 | 0.9 | 85 | 104 |
| 105G_1987_1178 | 0 | 1.74 | 3.4 | 3.01 | 10 | 9.9 | 16.6 | 43 | 39.79 | 790 | 2.38 | 2.23 | 1.2 | 105 | 126 |
| 105G_1987_1179 | 0 | 1.90 | 10.7 | 10.71 | 23 | 23.0 | 22.3 | 66 | 62.56 | 860 | 2.87 | 2.70 | 1.5 | 135 | 155 |
| 105G_1987_1180 | 0 | | 2.9 | | 17 | | | 48 | | 840 | 2.85 | | | 100 | |
| 105G_1987_1182 | 0 | 0.34 | 6.6 | 5.33 | 14 | 13.3 | 14.3 | 34 | 30.41 | 900 | 3.53 | 3.24 | 1.7 | 80 | 88 |
| 105G_1987_1183 | 0 | 1.66 | 1.3 | 1.28 | 12 | 12.3 | 24.1 | 35 | 32.45 | 760 | 2.97 | 2.77 | 2.2 | 160 | 186 |
| 105G_1987_1184 | 0 | 0.45 | 1.0 | 0.94 | 10 | 9.5 | 22.6 | 33 | 30.27 | 785 | 2.70 | 2.48 | 2.3 | 135 | 149 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_1149 | 1 | 0.07 | 10.3 | 5.0 | 0.99 | 317 | 377 | <2 | 0.68 | 0.008 | 76 | 72.7 | 0.137 | 8 | 7.02 |
| 105G_1987_1150 | 2 | 0.07 | 9.7 | 3.8 | 1.00 | 312 | 351 | <2 | 0.67 | 0.007 | 78 | 69.6 | 0.142 | 7 | 6.57 |
| 105G_1987_1151 | 0 | 0.17 | 18.5 | 11.0 | 0.74 | 160 | 184 | <2 | 1.27 | 0.010 | 52 | 47.0 | 0.123 | 23 | 21.53 |
| 105G_1987_1152 | 0 | 0.07 | 12.4 | 11.2 | 0.40 | 361 | 356 | <2 | 0.56 | 0.012 | 21 | 18.6 | 0.125 | 5 | 5.94 |
| 105G_1987_1153 | 0 | 0.10 | 16.5 | 5.6 | 0.54 | 433 | 494 | 5 | 0.77 | 0.010 | 31 | 28.6 | 0.137 | 10 | 9.68 |
| 105G_1987_1154 | 0 | 0.19 | 21.6 | 2.6 | 1.02 | 563 | 565 | 2 | 1.88 | 0.013 | 52 | 46.6 | 0.095 | 17 | 15.85 |
| 105G_1987_1155 | 0 | 0.09 | 14.6 | 3.2 | 0.48 | 257 | 294 | <2 | 0.64 | 0.006 | 27 | 21.9 | 0.124 | 10 | 7.93 |
| 105G_1987_1156 | 0 | 0.10 | 8.5 | 15.2 | 0.69 | 310 | 328 | <2 | 1.24 | 0.009 | 55 | 47.4 | 0.124 | 14 | 12.33 |
| 105G_1987_1157 | 0 | 0.14 | 18.0 | 9.6 | 0.65 | 210 | 253 | 2 | 3.44 | 0.013 | 51 | 46.1 | 0.111 | 14 | 15.00 |
| 105G_1987_1158 | 0 | 0.13 | 13.1 | 16.4 | 0.82 | 556 | 554 | <2 | 0.85 | 0.013 | 101 | 92.8 | 0.119 | 10 | 9.20 |
| 105G_1987_1159 | 0 | 0.09 | 11.9 | 12.8 | 0.76 | 360 | 394 | <2 | 1.40 | 0.009 | 35 | 31.4 | 0.178 | 11 | 10.72 |
| 105G_1987_1160 | 0 | 0.07 | 11.6 | 2.4 | 1.10 | 265 | 305 | 4 | 4.28 | 0.007 | 40 | 33.2 | 0.145 | 23 | 21.25 |
| 105G_1987_1162 | 0 | 0.04 | 10.0 | 27.2 | 0.42 | 263 | 252 | <2 | 0.52 | 0.021 | 31 | 24.3 | 0.125 | 13 | 11.13 |
| 105G_1987_1163 | 0 | 0.09 | 13.4 | 3.6 | 1.09 | 305 | 327 | 3 | 4.01 | 0.010 | 38 | 35.4 | 0.139 | 18 | 15.17 |
| 105G_1987_1164 | 1 | 0.04 | 9.2 | 2.4 | 1.04 | 294 | 347 | 4 | 4.03 | 0.006 | 41 | 33.7 | 0.118 | 23 | 20.06 |
| 105G_1987_1165 | 2 | 0.04 | 10.0 | 2.0 | 0.99 | 281 | 333 | 4 | 4.17 | 0.006 | 40 | 32.9 | 0.118 | 23 | 20.97 |
| 105G_1987_1166 | 0 | 0.08 | 12.8 | 3.0 | 0.83 | 354 | 363 | 2 | 2.46 | 0.008 | 37 | 29.8 | 0.158 | 13 | 11.63 |
| 105G_1987_1167 | 0 | 0.05 | 10.3 | 6.4 | 0.33 | 54 | 61 | <2 | 0.33 | 0.017 | 20 | 15.7 | 0.097 | 8 | 9.08 |
| 105G_1987_1168 | 0 | 0.06 | 11.8 | 1.8 | 0.70 | 200 | 204 | 12 | 12.67 | 0.007 | 84 | 75.1 | 0.180 | 27 | 26.25 |
| 105G_1987_1169 | 0 | 0.06 | 9.6 | 1.8 | 1.33 | 222 | 259 | 10 | 9.93 | 0.005 | 65 | 54.5 | 0.166 | 25 | 20.75 |
| 105G_1987_1170 | 0 | 0.06 | 18.8 | 5.2 | 0.96 | 268 | 295 | 7 | 6.91 | 0.005 | 77 | 63.4 | 0.153 | 19 | 17.23 |
| 105G_1987_1171 | 0 | 0.05 | 9.0 | 1.9 | 1.13 | 231 | 294 | 5 | 3.90 | 0.006 | 37 | 33.8 | 0.129 | 28 | 25.74 |
| 105G_1987_1172 | 0 | 0.07 | 12.4 | 2.2 | 1.03 | 306 | 370 | 4 | 3.59 | 0.006 | 41 | 35.0 | 0.125 | 19 | 15.24 |
| 105G_1987_1174 | 0 | 0.04 | 15.9 | 2.2 | 1.04 | 207 | 257 | 3 | 3.03 | 0.005 | 43 | 36.6 | 0.114 | 17 | 13.08 |
| 105G_1987_1175 | 0 | 0.04 | 12.2 | 2.4 | 0.66 | 238 | 302 | 4 | 6.93 | 0.004 | 44 | 36.4 | 0.114 | 41 | 33.06 |
| 105G_1987_1176 | 0 | 0.04 | 12.5 | 2.8 | 1.12 | 237 | 317 | 3 | 2.41 | 0.006 | 35 | 31.0 | 0.104 | 19 | 12.94 |
| 105G_1987_1177 | 0 | 0.12 | 13.3 | 3.6 | 0.36 | 139 | 169 | 7 | 7.34 | 0.005 | 52 | 44.1 | 0.241 | 16 | 13.96 |
| 105G_1987_1178 | 0 | 0.07 | 16.6 | 4.2 | 1.07 | 267 | 320 | 7 | 7.29 | 0.004 | 60 | 53.2 | 0.148 | 21 | 18.94 |
| 105G_1987_1179 | 0 | 0.09 | 109.9 | 5.8 | 1.07 | 606 | 742 | 18 | 17.87 | 0.004 | 134 | 123.0 | 0.167 | 35 | 32.83 |
| 105G_1987_1180 | 0 | | | 5.0 | | 289 | | 13 | | | 92 | | | 33 | |
| 105G_1987_1182 | 0 | 0.07 | 59.7 | 5.2 | 0.24 | 583 | 674 | 5 | 4.96 | 0.005 | 51 | 44.8 | 0.113 | 32 | 26.11 |
| 105G_1987_1183 | 0 | 0.06 | 18.0 | 3.4 | 1.26 | 401 | 485 | 3 | 3.38 | 0.004 | 43 | 37.0 | 0.118 | 45 | 39.63 |
| 105G_1987_1184 | 0 | 0.06 | 26.1 | 4.4 | 0.50 | 153 | 192 | 4 | 4.03 | 0.005 | 35 | 32.2 | 0.111 | 46 | 38.11 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|------------------|-------------------|--------------------|-------------------|-------------------|--------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
| | | ICP-MS % 0.01 | HY-AAS ppm 0.2 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS ppm 0.1 | AAS ppm 1 | ICP-MS ppm 0.5 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS ppm 0.5 |
| 105G_1987_1149 | 1 | 0.06 | 1.2 | 1.86 | 3.6 | 0.6 | 2 | 35.4 | 0.03 | 2.5 | 0.018 | 0.10 | 0.9 | 2.9 |
| 105G_1987_1150 | 2 | 0.06 | 1.6 | 1.86 | 3.6 | 0.6 | 2 | 35.4 | 0.03 | 2.5 | 0.019 | 0.10 | 0.9 | 2.6 |
| 105G_1987_1151 | 0 | 0.07 | 1.2 | 1.76 | 3.3 | 1.7 | 5 | 67.5 | 0.02 | 6.1 | 0.011 | 0.16 | 2.6 | 4.3 |
| 105G_1987_1152 | 0 | 0.10 | 0.4 | 0.56 | 1.5 | 0.8 | 2 | 59.1 | <0.02 | 3.3 | 0.011 | 0.11 | 5.7 | 6.7 |
| 105G_1987_1153 | 0 | 0.03 | 0.6 | 0.82 | 1.9 | 0.7 | 2 | 46.6 | 0.03 | 4.7 | 0.014 | 0.10 | 1.6 | 3.3 |
| 105G_1987_1154 | 0 | 0.02 | 1.6 | 1.25 | 3.5 | 1.5 | 7 | 74.5 | 0.02 | 8.1 | 0.022 | 0.18 | 1.7 | 3.5 |
| 105G_1987_1155 | 0 | 0.03 | 0.5 | 0.57 | 1.7 | 0.4 | 3 | 34.0 | <0.02 | 5.2 | 0.014 | 0.10 | 1.1 | 2.7 |
| 105G_1987_1156 | 0 | 0.52 | 1.0 | 1.51 | 2.9 | 4.9 | 9 | 81.2 | 0.03 | 3.8 | 0.006 | 0.10 | 5.0 | 6.4 |
| 105G_1987_1157 | 0 | 0.06 | 2.7 | 2.76 | 3.4 | 4.4 | 4 | 41.1 | 0.05 | 6.5 | 0.007 | 0.13 | 3.4 | 5.3 |
| 105G_1987_1158 | 0 | 0.12 | 0.8 | 1.00 | 3.7 | 2.2 | 3 | 56.5 | <0.02 | 4.1 | 0.009 | 0.11 | 1.7 | 3.0 |
| 105G_1987_1159 | 0 | 0.14 | 0.7 | 1.12 | 1.9 | 1.6 | 5 | 66.3 | 0.02 | 2.9 | 0.010 | 0.09 | 1.5 | 3.4 |
| 105G_1987_1160 | 0 | 0.06 | 2.6 | 3.12 | 2.5 | 1.7 | 11 | 116.4 | 0.03 | 4.0 | 0.006 | 0.13 | 1.2 | 3.9 |
| 105G_1987_1162 | 0 | 0.16 | 0.7 | 1.17 | 2.2 | 2.1 | 5 | 75.5 | <0.02 | 1.3 | 0.033 | 0.06 | 1.7 | 2.7 |
| 105G_1987_1163 | 0 | 0.05 | 3.2 | 3.44 | 2.4 | 1.7 | 10 | 101.3 | 0.04 | 6.2 | 0.006 | 0.06 | 1.0 | 3.9 |
| 105G_1987_1164 | 1 | 0.04 | 3.9 | 3.88 | 2.8 | 1.2 | 13 | 122.0 | 0.04 | 4.8 | 0.007 | 0.07 | 1.3 | 3.8 |
| 105G_1987_1165 | 2 | 0.06 | 3.6 | 3.90 | 2.8 | 1.3 | 13 | 113.7 | 0.03 | 5.0 | 0.007 | 0.07 | 1.3 | 3.6 |
| 105G_1987_1166 | 0 | 0.07 | 2.0 | 2.29 | 2.4 | 1.0 | 6 | 95.1 | 0.04 | 4.7 | 0.018 | 0.08 | 1.2 | 3.2 |
| 105G_1987_1167 | 0 | 0.06 | 0.7 | 0.81 | 1.7 | 0.4 | 2 | 27.1 | <0.02 | 2.7 | 0.025 | 0.06 | 0.7 | 2.5 |
| 105G_1987_1168 | 0 | 0.11 | 10.0 | 10.87 | 1.5 | 5.2 | 6 | 108.8 | 0.12 | 4.7 | 0.005 | 0.10 | 2.3 | 4.8 |
| 105G_1987_1169 | 0 | 0.17 | 7.5 | 7.22 | 2.5 | 3.3 | 13 | 124.7 | 0.04 | 6.8 | 0.002 | 0.07 | 1.6 | 4.6 |
| 105G_1987_1170 | 0 | 0.10 | 3.5 | 3.79 | 2.0 | 2.7 | 5 | 49.3 | 0.06 | 7.7 | 0.003 | 0.07 | 1.7 | 3.9 |
| 105G_1987_1171 | 0 | 0.09 | 3.5 | 3.39 | 3.3 | 1.4 | 15 | 111.2 | 0.04 | 8.0 | 0.001 | 0.06 | 1.3 | 4.3 |
| 105G_1987_1172 | 0 | 0.07 | 2.6 | 3.06 | 2.3 | 1.4 | 14 | 104.7 | 0.02 | 4.5 | 0.007 | 0.11 | 1.2 | 3.8 |
| 105G_1987_1174 | 0 | 0.06 | 3.3 | 3.53 | 2.4 | 1.3 | 14 | 104.1 | 0.03 | 6.8 | 0.002 | 0.03 | 0.8 | 3.3 |
| 105G_1987_1175 | 0 | 0.08 | 7.5 | 6.94 | 2.0 | 2.0 | 14 | 128.7 | 0.04 | 4.9 | 0.002 | 0.13 | 1.3 | 3.8 |
| 105G_1987_1176 | 0 | 0.06 | 3.1 | 3.69 | 3.1 | 1.1 | 20 | 165.0 | 0.02 | 6.0 | 0.003 | 0.04 | 1.0 | 3.1 |
| 105G_1987_1177 | 0 | 0.10 | 3.0 | 3.17 | 2.1 | 6.7 | 8 | 85.5 | 0.08 | 3.8 | 0.003 | 0.39 | 1.5 | 4.8 |
| 105G_1987_1178 | 0 | 0.04 | 3.1 | 3.81 | 2.4 | 1.5 | 7 | 37.3 | 0.06 | 3.7 | 0.011 | 0.19 | 1.5 | 5.2 |
| 105G_1987_1179 | 0 | 0.09 | 3.6 | 6.24 | 3.6 | 2.8 | 9 | 57.5 | 0.06 | 4.1 | 0.022 | 0.30 | 4.3 | 10.5 |
| 105G_1987_1180 | 0 | | 3.6 | | | | 13 | | | | | | | 8.3 |
| 105G_1987_1182 | 0 | 0.14 | 2.1 | 2.25 | 2.2 | 1.6 | 3 | 30.5 | 0.03 | 5.8 | 0.011 | 0.19 | 2.4 | 7.1 |
| 105G_1987_1183 | 0 | 0.14 | 1.9 | 1.80 | 2.8 | 1.4 | 8 | 50.7 | 0.03 | 3.5 | 0.009 | 0.13 | 1.1 | 4.3 |
| 105G_1987_1184 | 0 | 0.06 | 1.6 | 1.55 | 2.5 | 1.4 | 4 | 33.3 | 0.03 | 3.4 | 0.013 | 0.13 | 2.5 | 6.0 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1149 | 1 | 38 | 36 | 2 | 0.4 | 97 | 106.3 |
| 105G_1987_1150 | 2 | 34 | 36 | 2 | <0.1 | 101 | 95.3 |
| 105G_1987_1151 | 0 | 45 | 41 | 2 | 0.1 | 203 | 198.3 |
| 105G_1987_1152 | 0 | 23 | 21 | 2 | 0.6 | 77 | 83.8 |
| 105G_1987_1153 | 0 | 23 | 28 | 2 | 0.7 | 114 | 119.2 |
| 105G_1987_1154 | 0 | 45 | 37 | 2 | 0.1 | 134 | 138.8 |
| 105G_1987_1155 | 0 | 21 | 20 | 2 | <0.1 | 68 | 69.3 |
| 105G_1987_1156 | 0 | 38 | 32 | 2 | <0.1 | 166 | 173.7 |
| 105G_1987_1157 | 0 | 44 | 44 | 2 | <0.1 | 157 | 166.3 |
| 105G_1987_1158 | 0 | 34 | 33 | 2 | <0.1 | 124 | 121.7 |
| 105G_1987_1159 | 0 | 34 | 30 | 2 | 0.2 | 151 | 151.8 |
| 105G_1987_1160 | 0 | 27 | 23 | 2 | <0.1 | 221 | 205.0 |
| 105G_1987_1162 | 0 | 22 | 18 | 2 | <0.1 | 97 | 92.8 |
| 105G_1987_1163 | 0 | 24 | 23 | 2 | <0.1 | 204 | 215.5 |
| 105G_1987_1164 | 1 | 24 | 20 | 2 | <0.1 | 239 | 227.5 |
| 105G_1987_1165 | 2 | 22 | 20 | 2 | 0.2 | 243 | 232.2 |
| 105G_1987_1166 | 0 | 28 | 28 | 2 | <0.1 | 157 | 160.1 |
| 105G_1987_1167 | 0 | 19 | 20 | 2 | <0.1 | 75 | 70.6 |
| 105G_1987_1168 | 0 | 34 | 34 | 2 | 0.2 | 586 | 530.1 |
| 105G_1987_1169 | 0 | 26 | 27 | 2 | <0.1 | 320 | 300.0 |
| 105G_1987_1170 | 0 | 23 | 25 | 2 | <0.1 | 314 | 276.7 |
| 105G_1987_1171 | 0 | 16 | 19 | 2 | <0.1 | 205 | 192.0 |
| 105G_1987_1172 | 0 | 19 | 21 | 2 | <0.1 | 182 | 175.9 |
| 105G_1987_1174 | 0 | 12 | 14 | 2 | <0.1 | 199 | 194.2 |
| 105G_1987_1175 | 0 | 23 | 12 | 2 | <0.1 | 199 | 190.5 |
| 105G_1987_1176 | 0 | 12 | 11 | 2 | <0.1 | 96 | 97.4 |
| 105G_1987_1177 | 0 | 19 | 25 | 2 | <0.1 | 345 | 317.9 |
| 105G_1987_1178 | 0 | 26 | 31 | 2 | <0.1 | 279 | 262.0 |
| 105G_1987_1179 | 0 | 59 | 73 | 2 | <0.1 | 1048 | 1124.3 |
| 105G_1987_1180 | 0 | 61 | | 2 | | 380 | |
| 105G_1987_1182 | 0 | 22 | 23 | 2 | <0.1 | 448 | 432.1 |
| 105G_1987_1183 | 0 | 24 | 28 | 2 | <0.1 | 213 | 194.7 |
| 105G_1987_1184 | 0 | 23 | 27 | 2 | <0.1 | 188 | 183.0 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----------|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | FA-NA ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1185 | 0 | <0.2 | 317 | 0.35 | 9 | 12.1 | <1 | 10.0 | | | 2 | 1171 | 290.4 | 0.15 |
| 105G_1987_1186 | 0 | 0.4 | 230 | 0.18 | 19 | 23.7 | <1 | 10.0 | | | 2 | 2297 | 943.1 | 0.14 |
| 105G_1987_1188 | 0 | 0.4 | 256 | 0.30 | 37 | 38.4 | <1 | 10.0 | | | 3 | 1418 | 561.3 | 0.13 |
| 105G_1987_1189 | 1 | 0.7 | 530 | 0.57 | 8 | 10.3 | <1 | 10.0 | | | 2 | 1876 | 416.7 | 0.29 |
| 105G_1987_1190 | 2 | 0.5 | 632 | 0.57 | 7 | 10.7 | <1 | 10.0 | | | 1 | 1995 | 403.9 | 0.31 |
| 105G_1987_1191 | 0 | 0.5 | 532 | 0.58 | 7 | 9.5 | <1 | 10.0 | | | 2 | 3056 | 1275.0 | 0.15 |
| 105G_1987_1192 | 0 | 0.5 | 440 | 1.50 | 5 | 9.3 | <1 | 10.0 | | | 3 | 2461 | 498.1 | 0.16 |
| 105G_1987_1193 | 0 | 0.8 | 888 | 0.63 | 9 | 14.2 | <1 | 10.0 | | | 4 | 3889 | 1349.2 | 0.14 |
| 105G_1987_1194 | 0 | 0.9 | 990 | 0.41 | 10 | 17.1 | <1 | 10.0 | | | 3 | 4310 | 534.6 | 0.12 |
| 105G_1987_1195 | 0 | 1.0 | 831 | 0.46 | 9 | 14.8 | <1 | 10.0 | | | 4 | 3578 | 822.8 | 0.13 |
| 105G_1987_1196 | 0 | <0.2 | 191 | 1.08 | 8 | 12.8 | <1 | 10.0 | | | 3 | 1839 | 306.0 | 0.13 |
| 105G_1987_1197 | 0 | <0.2 | 146 | 1.89 | 3 | 4.6 | <1 | 10.0 | | | 3 | 896 | 219.6 | 0.13 |
| 105G_1987_1198 | 0 | 0.4 | 397 | 1.55 | 4 | 6.0 | <1 | 10.0 | | | 4 | 1519 | 717.6 | 0.10 |
| 105G_1987_1199 | 0 | <0.2 | 58 | 1.92 | 1 | 1.8 | <1 | 10.0 | | | 2 | 758 | 158.0 | 0.11 |
| 105G_1987_1200 | 0 | 0.2 | 67 | 1.83 | 1 | 2.1 | <1 | 10.0 | | | 3 | 694 | 167.4 | 0.13 |
| 105G_1987_1202 | 0 | <0.2 | 126 | 1.65 | 1 | 3.0 | <1 | 10.0 | | | 2 | 1340 | 356.5 | 0.14 |
| 105G_1987_1204 | 0 | <0.2 | 271 | 0.37 | 9 | 15.9 | <1 | 10.0 | | | 4 | 2240 | 638.7 | 0.15 |
| 105G_1987_1205 | 0 | <0.2 | 210 | 0.23 | 9 | 9.6 | <1 | 10.0 | | | 3 | 1750 | 661.5 | 0.10 |
| 105G_1987_1206 | 0 | 0.4 | 464 | 0.24 | 20 | 44.9 | <1 | 10.0 | | | 3 | 5160 | 1469.9 | 0.15 |
| 105G_1987_1207 | 0 | 0.2 | 278 | 0.68 | 6 | 6.1 | <1 | 10.0 | | | 9 | 1940 | 1110.2 | 0.06 |
| 105G_1987_1208 | 1 | 0.4 | 320 | 0.33 | 14 | 16.3 | <1 | 10.0 | | | 3 | 2130 | 842.4 | 0.12 |
| 105G_1987_1209 | 2 | 0.3 | 302 | 0.35 | 15 | 17.4 | <1 | 10.0 | | | 3 | 1970 | 691.3 | 0.13 |
| 105G_1987_1210 | 0 | 0.3 | 314 | 0.44 | 11 | 14.8 | <1 | 10.0 | | | 4 | 2330 | 1211.8 | 0.11 |
| 105G_1987_1211 | 0 | 0.5 | 284 | 0.20 | 15 | 15.6 | <1 | 10.0 | | | 3 | 1580 | 534.7 | 0.10 |
| 105G_1987_1212 | 0 | 0.3 | 324 | 0.64 | 8 | 8.8 | <1 | 10.0 | | | 6 | 1680 | 802.4 | 0.10 |
| 105G_1987_1213 | 0 | 0.5 | 441 | 0.34 | 19 | 29.7 | <1 | 10.0 | | | 2 | 1740 | 545.9 | 0.20 |
| 105G_1987_1214 | 0 | 0.3 | 321 | 0.32 | 8 | 10.6 | <1 | 10.0 | | | 3 | 1740 | 713.6 | 0.13 |
| 105G_1987_1215 | 0 | 0.7 | 646 | 0.74 | 6 | 10.8 | <1 | 10.0 | | | 3 | 2320 | 566.6 | 0.21 |
| 105G_1987_1216 | 0 | <0.2 | 274 | 0.49 | 11 | 14.5 | <1 | 10.0 | | | 2 | 1600 | 454.2 | 0.28 |
| 105G_1987_1217 | 0 | <0.2 | 173 | 0.74 | 3 | 5.3 | <1 | 10.0 | | | 4 | 1060 | 213.3 | 0.18 |
| 105G_1987_1218 | 0 | <0.2 | 236 | 0.58 | 7 | 11.9 | <1 | 10.0 | | | 3 | 1660 | 551.7 | 0.22 |
| 105G_1987_1219 | 0 | <0.2 | 53 | 1.94 | 1 | 3.9 | <1 | 10.0 | | | 4 | 658 | 120.4 | 0.15 |
| 105G_1987_1220 | 0 | <0.2 | 119 | 2.24 | 1 | 2.6 | <1 | 10.0 | | | 6 | 739 | 103.4 | 0.15 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1185 | 0 | 3.64 | 2.2 | 2.03 | 8 | 7.2 | 10.2 | 28 | 24.39 | 685 | 2.13 | 1.93 | 0.9 | 50 | 60 |
| 105G_1987_1186 | 0 | 4.52 | 1.5 | 1.49 | 9 | 9.0 | 4.7 | 25 | 23.70 | 825 | 2.36 | 2.09 | 0.5 | 30 | 26 |
| 105G_1987_1188 | 0 | 6.36 | 1.7 | 1.67 | 9 | 8.8 | 8.9 | 23 | 19.85 | 780 | 2.51 | 2.30 | 0.9 | 510 | 440 |
| 105G_1987_1189 | 1 | 0.55 | 5.8 | 5.19 | 21 | 19.4 | 9.7 | 75 | 70.80 | 720 | 3.17 | 3.01 | 1.2 | 165 | 152 |
| 105G_1987_1190 | 2 | 0.57 | 6.3 | 5.58 | 22 | 22.0 | 9.2 | 81 | 73.28 | 660 | 3.25 | 3.11 | 1.3 | 185 | 170 |
| 105G_1987_1191 | 0 | 2.83 | 1.5 | 1.42 | 10 | 10.9 | 28.0 | 39 | 34.66 | 950 | 2.70 | 2.61 | 1.8 | 210 | 189 |
| 105G_1987_1192 | 0 | 0.74 | 1.4 | 1.37 | 22 | 21.5 | 81.1 | 66 | 60.20 | 715 | 3.90 | 3.86 | 5.5 | 105 | 101 |
| 105G_1987_1193 | 0 | 2.44 | 4.1 | 3.59 | 14 | 13.2 | 32.3 | 58 | 50.59 | 1020 | 2.81 | 2.71 | 2.1 | 130 | 122 |
| 105G_1987_1194 | 0 | 4.77 | 6.1 | 5.47 | 14 | 14.0 | 24.3 | 66 | 63.56 | 1090 | 2.76 | 2.88 | 1.5 | 180 | 169 |
| 105G_1987_1195 | 0 | 3.86 | 4.7 | 4.43 | 12 | 11.9 | 23.4 | 55 | 49.81 | 1095 | 2.57 | 2.43 | 1.6 | 145 | 155 |
| 105G_1987_1196 | 0 | 1.34 | 1.5 | 1.51 | 12 | 12.1 | 26.5 | 26 | 23.76 | 1715 | 4.79 | 4.74 | 2.9 | 55 | 50 |
| 105G_1987_1197 | 0 | 0.56 | 0.4 | 0.56 | 27 | 25.6 | 124.7 | 56 | 44.84 | 760 | 4.68 | 4.64 | 7.2 | 50 | 56 |
| 105G_1987_1198 | 0 | 2.15 | 1.8 | 1.66 | 29 | 30.5 | 143.0 | 73 | 63.03 | 760 | 4.20 | 4.42 | 6.5 | 110 | 130 |
| 105G_1987_1199 | 0 | 0.59 | <0.2 | 0.27 | 26 | 26.0 | 124.6 | 51 | 46.20 | 285 | 4.16 | 4.33 | 7.8 | 50 | 54 |
| 105G_1987_1200 | 0 | 0.72 | <0.2 | 0.34 | 23 | 24.0 | 102.3 | 45 | 40.99 | 360 | 4.01 | 4.07 | 7.3 | 45 | 48 |
| 105G_1987_1202 | 0 | 2.45 | 0.2 | 0.47 | 20 | 21.7 | 72.7 | 37 | 34.71 | 655 | 3.62 | 3.90 | 6.1 | 25 | 38 |
| 105G_1987_1204 | 0 | 6.59 | 1.5 | 1.50 | 9 | 9.0 | 16.8 | 21 | 19.42 | 710 | 3.04 | 3.22 | 1.1 | 315 | 358 |
| 105G_1987_1205 | 0 | 9.81 | 0.6 | 0.90 | 6 | 6.6 | 9.1 | 16 | 13.03 | 730 | 2.62 | 2.36 | 0.7 | 225 | 257 |
| 105G_1987_1206 | 0 | 6.24 | 3.7 | 3.49 | 8 | 7.9 | 6.1 | 31 | 29.05 | 750 | 2.36 | 2.11 | 0.6 | 50 | 30 |
| 105G_1987_1207 | 0 | 7.56 | 2.1 | 2.03 | 15 | 15.8 | 59.7 | 32 | 29.33 | 925 | 2.57 | 2.49 | 2.2 | 70 | 52 |
| 105G_1987_1208 | 1 | 4.74 | 1.7 | 1.75 | 8 | 8.4 | 12.0 | 28 | 25.63 | 715 | 2.15 | 1.86 | 0.9 | 60 | 43 |
| 105G_1987_1209 | 2 | 4.90 | 1.7 | 1.71 | 8 | 9.0 | 12.7 | 28 | 26.80 | 580 | 2.19 | 1.95 | 1.0 | 50 | 38 |
| 105G_1987_1210 | 0 | 5.41 | 1.6 | 1.61 | 10 | 10.0 | 21.2 | 25 | 23.36 | 550 | 2.30 | 2.15 | 1.3 | 90 | 80 |
| 105G_1987_1211 | 0 | 7.03 | 1.7 | 1.55 | 6 | 6.0 | 5.0 | 24 | 21.82 | 675 | 1.88 | 1.64 | 0.4 | 65 | 53 |
| 105G_1987_1212 | 0 | 6.02 | 2.8 | 2.55 | 12 | 12.3 | 33.6 | 32 | 30.25 | 715 | 2.50 | 2.34 | 1.9 | 55 | 79 |
| 105G_1987_1213 | 0 | 2.22 | 2.2 | 2.21 | 10 | 10.5 | 7.0 | 38 | 36.41 | 650 | 2.50 | 2.44 | 0.9 | 25 | 20 |
| 105G_1987_1214 | 0 | 7.06 | 0.7 | 0.93 | 9 | 8.6 | 10.5 | 17 | 14.99 | 660 | 3.12 | 3.13 | 0.9 | 340 | 336 |
| 105G_1987_1215 | 0 | 0.46 | 1.6 | 1.75 | 7 | 7.7 | 16.5 | 34 | 34.64 | 950 | 3.51 | 3.27 | 2.2 | 105 | 97 |
| 105G_1987_1216 | 0 | 2.40 | 2.0 | 1.96 | 13 | 12.9 | 8.6 | 41 | 40.98 | 990 | 3.21 | 3.26 | 1.5 | 115 | 89 |
| 105G_1987_1217 | 0 | 2.02 | 0.5 | 0.65 | 9 | 9.3 | 12.8 | 19 | 17.48 | 860 | 3.01 | 3.07 | 2.0 | 70 | 61 |
| 105G_1987_1218 | 0 | 1.18 | 5.5 | 5.00 | 8 | 7.9 | 13.6 | 22 | 22.06 | 910 | 3.75 | 3.82 | 1.8 | 85 | 83 |
| 105G_1987_1219 | 0 | 0.64 | <0.2 | 0.21 | 18 | 20.1 | 165.4 | 32 | 32.37 | 465 | 3.85 | 3.84 | 6.2 | 50 | 45 |
| 105G_1987_1220 | 0 | 0.76 | 0.2 | 0.48 | 20 | 20.3 | 95.6 | 33 | 34.58 | 515 | 4.08 | 4.14 | 7.9 | 50 | 50 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|------|--------|-----|--------|--------|--------|-------|--------|--------|-------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_1185 | 0 | 0.05 | 9.8 | 3.6 | 2.03 | 224 | 285 | 5 | 4.48 | 0.004 | 41 | 35.1 | 0.110 | 22 | 18.72 | |
| 105G_1987_1186 | 0 | 0.04 | 8.6 | 1.4 | 1.72 | 210 | 272 | 6 | 4.32 | 0.005 | 38 | 34.1 | 0.097 | 20 | 16.20 | |
| 105G_1987_1188 | 0 | 0.05 | 8.1 | 2.2 | 2.90 | 300 | 398 | 5 | 4.96 | 0.005 | 38 | 33.0 | 0.143 | 38 | 29.52 | |
| 105G_1987_1189 | 1 | 0.08 | 29.3 | 4.4 | 0.32 | 472 | 596 | 7 | 8.34 | 0.004 | 93 | 80.1 | 0.116 | 26 | 23.06 | |
| 105G_1987_1190 | 2 | 0.08 | 29.7 | 5.0 | 0.32 | 528 | 636 | 8 | 8.54 | 0.005 | 100 | 86.2 | 0.115 | 26 | 24.36 | |
| 105G_1987_1191 | 0 | 0.05 | 17.8 | 3.6 | 1.58 | 376 | 465 | 5 | 5.18 | 0.005 | 59 | 50.5 | 0.115 | 26 | 23.85 | |
| 105G_1987_1192 | 0 | 0.08 | 25.7 | 7.4 | 1.60 | 440 | 544 | 5 | 5.68 | 0.004 | 95 | 84.6 | 0.200 | 20 | 17.72 | |
| 105G_1987_1193 | 0 | 0.10 | 20.5 | 3.6 | 1.54 | 297 | 346 | 18 | 17.16 | 0.004 | 92 | 77.2 | 0.205 | 24 | 19.30 | |
| 105G_1987_1194 | 0 | 0.06 | 9.3 | 2.6 | 2.43 | 213 | 297 | 22 | 20.26 | 0.005 | 94 | 83.8 | 0.225 | 22 | 17.50 | |
| 105G_1987_1195 | 0 | 0.08 | 11.4 | 3.4 | 2.07 | 246 | 310 | 19 | 17.85 | 0.004 | 81 | 72.6 | 0.194 | 25 | 20.59 | |
| 105G_1987_1196 | 0 | 0.09 | 175.0 | 4.0 | 0.83 | 1638 | 1735 | 7 | 6.49 | 0.004 | 40 | 35.3 | 0.085 | 40 | 33.76 | |
| 105G_1987_1197 | 0 | 0.09 | 36.7 | 5.2 | 2.09 | 684 | 812 | 3 | 3.37 | 0.006 | 128 | 108.4 | 0.128 | 17 | 16.05 | |
| 105G_1987_1198 | 0 | 0.08 | 18.2 | 4.2 | 2.77 | 529 | 658 | 8 | 7.71 | 0.004 | 150 | 135.2 | 0.160 | 16 | 14.56 | |
| 105G_1987_1199 | 0 | 0.06 | 17.8 | 6.0 | 2.01 | 285 | 370 | <2 | 0.92 | 0.008 | 117 | 104.2 | 0.145 | 12 | 8.12 | |
| 105G_1987_1200 | 0 | 0.06 | 21.0 | 5.8 | 1.88 | 378 | 472 | <2 | 1.16 | 0.005 | 95 | 91.0 | 0.125 | 12 | 10.77 | |
| 105G_1987_1202 | 0 | 0.04 | 18.5 | 2.8 | 1.74 | 389 | 482 | 2 | 1.86 | 0.005 | 68 | 70.5 | 0.136 | 15 | 12.95 | |
| 105G_1987_1204 | 0 | 0.07 | 24.0 | 7.8 | 3.68 | 298 | 381 | 6 | 4.76 | 0.007 | 44 | 38.3 | 0.117 | 78 | 75.51 | |
| 105G_1987_1205 | 0 | 0.04 | 16.3 | 2.0 | 5.35 | 384 | 563 | 7 | 3.81 | 0.008 | 26 | 23.0 | 0.091 | 46 | 36.72 | |
| 105G_1987_1206 | 0 | 0.13 | 9.1 | 2.6 | 2.38 | 147 | 208 | 13 | 11.16 | 0.006 | 63 | 58.0 | 0.086 | 23 | 20.09 | |
| 105G_1987_1207 | 0 | 0.17 | 20.5 | 2.0 | 3.71 | 306 | 412 | 8 | 6.69 | 0.007 | 84 | 78.8 | 0.141 | 30 | 25.82 | |
| 105G_1987_1208 | 1 | 0.06 | 10.2 | 2.0 | 2.21 | 187 | 230 | 7 | 5.86 | 0.005 | 45 | 39.5 | 0.128 | 27 | 21.25 | |
| 105G_1987_1209 | 2 | 0.06 | 10.9 | 2.2 | 2.10 | 213 | 282 | 7 | 6.13 | 0.005 | 44 | 40.3 | 0.124 | 22 | 20.02 | |
| 105G_1987_1210 | 0 | 0.09 | 16.6 | 4.8 | 2.69 | 264 | 357 | 7 | 5.43 | 0.006 | 49 | 43.6 | 0.117 | 27 | 23.52 | |
| 105G_1987_1211 | 0 | 0.04 | 7.9 | 1.6 | 3.18 | 156 | 219 | 8 | 5.95 | 0.004 | 36 | 33.0 | 0.115 | 20 | 16.64 | |
| 105G_1987_1212 | 0 | 0.11 | 14.5 | 3.0 | 2.87 | 286 | 360 | 9 | 7.82 | 0.007 | 65 | 60.4 | 0.125 | 28 | 26.53 | |
| 105G_1987_1213 | 0 | 0.06 | 12.1 | 3.0 | 0.94 | 174 | 231 | 8 | 7.06 | 0.005 | 59 | 51.4 | 0.117 | 45 | 37.62 | |
| 105G_1987_1214 | 0 | 0.09 | 12.8 | 4.1 | 3.81 | 444 | 621 | 4 | 2.91 | 0.009 | 25 | 22.5 | 0.093 | 56 | 51.19 | |
| 105G_1987_1215 | 0 | 0.13 | 86.9 | 9.0 | 0.30 | 390 | 493 | 5 | 5.87 | 0.005 | 35 | 33.8 | 0.089 | 24 | 23.47 | |
| 105G_1987_1216 | 0 | 0.13 | 49.1 | 3.0 | 1.37 | 607 | 725 | 9 | 8.77 | 0.007 | 61 | 53.9 | 0.079 | 29 | 25.48 | |
| 105G_1987_1217 | 0 | 0.05 | 18.5 | 5.4 | 1.12 | 384 | 499 | <2 | 2.21 | 0.006 | 23 | 21.3 | 0.082 | 41 | 39.34 | |
| 105G_1987_1218 | 0 | 0.08 | 72.8 | 5.0 | 0.81 | 767 | 1022 | 5 | 6.39 | 0.005 | 33 | 32.5 | 0.071 | 36 | 38.22 | |
| 105G_1987_1219 | 0 | 0.06 | 24.0 | 9.0 | 1.68 | 258 | 377 | <2 | 0.72 | 0.009 | 86 | 84.5 | 0.115 | 14 | 13.02 | |
| 105G_1987_1220 | 0 | 0.08 | 25.5 | 8.2 | 2.40 | 354 | 535 | <2 | 0.96 | 0.007 | 80 | 79.8 | 0.138 | 17 | 22.11 | |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1185 | 0 | 0.06 | 2.6 | 3.23 | 1.6 | 1.7 | 12 | 48.8 | 0.04 | 2.5 | 0.009 | 0.12 | 1.0 | 4.3 |
| 105G_1987_1186 | 0 | 0.09 | 4.5 | 5.72 | 1.8 | 1.1 | 14 | 70.8 | 0.05 | 3.4 | 0.003 | 0.09 | 1.2 | 3.9 |
| 105G_1987_1188 | 0 | 0.23 | 5.5 | 5.28 | 2.1 | 1.3 | 19 | 111.6 | 0.06 | 2.8 | 0.006 | 0.18 | 1.5 | 4.3 |
| 105G_1987_1189 | 1 | 0.17 | 2.5 | 2.69 | 3.1 | 2.7 | 4 | 70.0 | 0.08 | 3.6 | 0.003 | 0.36 | 2.5 | 5.7 |
| 105G_1987_1190 | 2 | 0.16 | 2.5 | 2.86 | 3.2 | 2.8 | 4 | 74.2 | 0.07 | 3.4 | 0.002 | 0.37 | 2.7 | 6.2 |
| 105G_1987_1191 | 0 | 0.06 | 2.2 | 2.40 | 3.3 | 1.0 | 11 | 70.5 | 0.03 | 3.2 | 0.028 | 0.17 | 1.5 | 4.5 |
| 105G_1987_1192 | 0 | 0.08 | 1.6 | 2.23 | 4.5 | 1.3 | 4 | 34.3 | 0.03 | 3.9 | 0.056 | 0.16 | 2.4 | 8.0 |
| 105G_1987_1193 | 0 | 0.15 | 5.5 | 5.87 | 3.4 | 2.1 | 9 | 63.2 | 0.04 | 4.0 | 0.017 | 0.19 | 4.0 | 9.8 |
| 105G_1987_1194 | 0 | 0.75 | 7.5 | 8.66 | 3.5 | 4.0 | 16 | 93.2 | 0.06 | 3.5 | 0.026 | 0.20 | 6.2 | 9.9 |
| 105G_1987_1195 | 0 | 0.31 | 5.5 | 7.08 | 3.4 | 2.9 | 14 | 80.7 | 0.07 | 3.6 | 0.022 | 0.21 | 5.3 | 9.6 |
| 105G_1987_1196 | 0 | 0.28 | 1.3 | 1.16 | 2.4 | 0.9 | 5 | 40.9 | 0.03 | 11.7 | 0.015 | 0.27 | 0.9 | 9.2 |
| 105G_1987_1197 | 0 | 0.03 | 0.9 | 0.68 | 4.5 | 0.4 | 3 | 25.4 | <0.02 | 5.2 | 0.110 | 0.12 | 1.0 | 4.5 |
| 105G_1987_1198 | 0 | 0.09 | 1.6 | 1.74 | 5.9 | 1.0 | 8 | 52.1 | 0.03 | 3.4 | 0.089 | 0.10 | 1.2 | 4.8 |
| 105G_1987_1199 | 0 | 0.04 | 0.3 | 0.34 | 5.5 | 0.2 | 3 | 21.4 | 0.02 | 2.8 | 0.080 | 0.04 | 0.5 | 2.3 |
| 105G_1987_1200 | 0 | 0.02 | 0.3 | 0.41 | 4.2 | 0.3 | 3 | 27.3 | 0.02 | 4.2 | 0.115 | 0.03 | 0.6 | 2.5 |
| 105G_1987_1202 | 0 | 0.06 | 0.8 | 0.79 | 4.0 | 0.4 | 6 | 72.9 | <0.02 | 4.9 | 0.052 | 0.04 | 1.0 | 3.5 |
| 105G_1987_1204 | 0 | 0.08 | 1.9 | 2.08 | 3.1 | 1.4 | 17 | 85.4 | 0.02 | 3.3 | 0.005 | 0.27 | 1.4 | 4.1 |
| 105G_1987_1205 | 0 | 0.19 | 1.8 | 1.97 | 2.6 | 0.7 | 22 | 157.4 | 0.02 | 3.4 | 0.002 | 0.15 | 1.2 | 3.8 |
| 105G_1987_1206 | 0 | 0.33 | 5.5 | 6.51 | 1.7 | 2.2 | 16 | 138.8 | 0.06 | 4.0 | 0.003 | 0.18 | 2.5 | 5.0 |
| 105G_1987_1207 | 0 | 0.16 | 2.1 | 1.93 | 6.4 | 1.1 | 20 | 85.4 | 0.02 | 3.0 | 0.007 | 0.21 | 1.4 | 4.9 |
| 105G_1987_1208 | 1 | 0.09 | 4.3 | 4.12 | 2.0 | 1.5 | 17 | 69.3 | 0.05 | 3.1 | 0.004 | 0.16 | 1.5 | 5.1 |
| 105G_1987_1209 | 2 | 0.10 | 3.0 | 3.43 | 2.0 | 1.4 | 15 | 72.4 | 0.03 | 3.4 | 0.004 | 0.17 | 1.5 | 4.6 |
| 105G_1987_1210 | 0 | 0.12 | 2.5 | 3.24 | 2.9 | 1.5 | 18 | 81.9 | 0.04 | 3.4 | 0.005 | 0.16 | 1.3 | 5.0 |
| 105G_1987_1211 | 0 | 0.09 | 2.6 | 3.26 | 1.6 | 1.4 | 20 | 94.8 | 0.03 | 2.7 | 0.002 | 0.17 | 1.4 | 3.9 |
| 105G_1987_1212 | 0 | 0.15 | 1.8 | 2.08 | 4.2 | 1.7 | 17 | 68.7 | 0.03 | 2.6 | 0.006 | 0.32 | 1.5 | 5.3 |
| 105G_1987_1213 | 0 | 0.13 | 4.5 | 8.24 | 1.4 | 1.6 | 8 | 54.8 | 0.04 | 4.7 | 0.008 | 0.10 | 2.0 | 4.9 |
| 105G_1987_1214 | 0 | 0.17 | 3.7 | 2.41 | 3.4 | 0.7 | 19 | 122.2 | 0.03 | 3.4 | 0.002 | 0.16 | 1.0 | 3.2 |
| 105G_1987_1215 | 0 | 0.12 | 2.0 | 1.73 | 2.2 | 2.4 | 5 | 21.9 | 0.06 | 7.5 | 0.003 | 0.20 | 1.5 | 9.8 |
| 105G_1987_1216 | 0 | 0.29 | 2.2 | 2.12 | 1.9 | 1.7 | 9 | 35.1 | 0.06 | 8.6 | 0.002 | 0.34 | 3.5 | 9.0 |
| 105G_1987_1217 | 0 | 0.07 | 1.0 | 0.81 | 3.0 | 0.5 | 6 | 38.9 | 0.02 | 4.0 | 0.003 | 0.08 | 0.8 | 3.9 |
| 105G_1987_1218 | 0 | 0.13 | 1.4 | 1.62 | 2.1 | 1.0 | 5 | 24.1 | 0.02 | 7.2 | 0.007 | 0.16 | 1.3 | 8.2 |
| 105G_1987_1219 | 0 | 0.05 | 0.3 | 0.27 | 5.3 | 0.4 | 4 | 30.0 | <0.02 | 3.6 | 0.032 | 0.08 | 0.4 | 2.4 |
| 105G_1987_1220 | 0 | 0.04 | 0.3 | 0.28 | 3.9 | 0.7 | 5 | 26.3 | <0.02 | 4.2 | 0.066 | 0.08 | 0.7 | 3.1 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1185 | 0 | 15 | 19 | 2 | <0.1 | 214 | 197.0 |
| 105G_1987_1186 | 0 | 12 | 13 | 2 | <0.1 | 168 | 154.6 |
| 105G_1987_1188 | 0 | 20 | 21 | 2 | <0.1 | 170 | 152.7 |
| 105G_1987_1189 | 1 | 18 | 22 | 2 | <0.1 | 611 | 583.7 |
| 105G_1987_1190 | 2 | 19 | 22 | 2 | <0.1 | 598 | 598.3 |
| 105G_1987_1191 | 0 | 28 | 34 | 2 | <0.1 | 255 | 230.7 |
| 105G_1987_1192 | 0 | 61 | 71 | 2 | <0.1 | 235 | 218.9 |
| 105G_1987_1193 | 0 | 56 | 80 | 2 | <0.1 | 410 | 360.9 |
| 105G_1987_1194 | 0 | 86 | 112 | 2 | <0.1 | 531 | 459.3 |
| 105G_1987_1195 | 0 | 78 | 98 | 2 | <0.1 | 420 | 410.5 |
| 105G_1987_1196 | 0 | 20 | 21 | 2 | <0.1 | 291 | 270.9 |
| 105G_1987_1197 | 0 | 43 | 62 | 2 | <0.1 | 138 | 125.9 |
| 105G_1987_1198 | 0 | 64 | 77 | 2 | <0.1 | 253 | 222.5 |
| 105G_1987_1199 | 0 | 54 | 64 | 2 | <0.1 | 107 | 110.4 |
| 105G_1987_1200 | 0 | 40 | 53 | 2 | <0.1 | 101 | 106.9 |
| 105G_1987_1202 | 0 | 34 | 44 | 2 | <0.1 | 101 | 112.2 |
| 105G_1987_1204 | 0 | 30 | 30 | 2 | 0.1 | 242 | 226.8 |
| 105G_1987_1205 | 0 | 27 | 24 | 2 | <0.1 | 170 | 154.7 |
| 105G_1987_1206 | 0 | 26 | 30 | 2 | 0.1 | 352 | 327.2 |
| 105G_1987_1207 | 0 | 49 | 66 | 2 | <0.1 | 240 | 217.5 |
| 105G_1987_1208 | 1 | 24 | 27 | 2 | 0.5 | 220 | 202.6 |
| 105G_1987_1209 | 2 | 21 | 26 | 2 | <0.1 | 208 | 207.2 |
| 105G_1987_1210 | 0 | 29 | 35 | 2 | <0.1 | 243 | 222.6 |
| 105G_1987_1211 | 0 | 16 | 20 | 2 | <0.1 | 178 | 158.5 |
| 105G_1987_1212 | 0 | 38 | 50 | 2 | <0.1 | 307 | 267.9 |
| 105G_1987_1213 | 0 | 14 | 19 | 2 | <0.1 | 271 | 266.1 |
| 105G_1987_1214 | 0 | 21 | 23 | 2 | <0.1 | 174 | 165.2 |
| 105G_1987_1215 | 0 | 13 | 20 | 2 | <0.1 | 238 | 234.0 |
| 105G_1987_1216 | 0 | 15 | 21 | 2 | 0.1 | 312 | 287.7 |
| 105G_1987_1217 | 0 | 11 | 14 | 2 | <0.1 | 198 | 196.2 |
| 105G_1987_1218 | 0 | 14 | 17 | 2 | <0.1 | 1275 | 1341.2 |
| 105G_1987_1219 | 0 | 39 | 48 | 2 | <0.1 | 94 | 99.6 |
| 105G_1987_1220 | 0 | 44 | 54 | 2 | <0.1 | 140 | 153.6 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----------|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | FA-NA ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1222 | 0 | 0.3 | 205 | 1.10 | 6 | 11.1 | <1 | 10.0 | | | 5 | 1760 | 707.8 | 0.12 |
| 105G_1987_1223 | 0 | <0.2 | 27 | 2.07 | 1 | 2.4 | <1 | 10.0 | | | 4 | 419 | 102.2 | 0.10 |
| 105G_1987_1224 | 0 | <0.2 | 61 | 1.75 | 1 | 3.2 | <1 | 10.0 | | | 3 | 628 | 88.2 | 0.18 |
| 105G_1987_1225 | 0 | <0.2 | 76 | 1.26 | 5 | 9.7 | <1 | 10.0 | | | 3 | 733 | 165.6 | 0.11 |
| 105G_1987_1226 | 0 | <0.2 | 116 | 1.30 | 3 | 6.5 | <1 | 10.0 | | | 4 | 1870 | 401.4 | 0.14 |
| 105G_1987_1227 | 0 | <0.2 | 85 | 0.59 | 4 | 6.6 | <1 | 10.0 | | | 4 | 1110 | 707.5 | 0.06 |
| 105G_1987_1228 | 1 | <0.2 | 72 | 0.24 | 10 | 11.0 | 1 | 10.0 | | | 4 | 631 | 376.5 | 0.06 |
| 105G_1987_1229 | 2 | <0.2 | 63 | 0.21 | 9 | 10.2 | <1 | 10.0 | | | 4 | 588 | 369.2 | 0.04 |
| 105G_1987_1230 | 0 | <0.2 | 53 | 1.09 | 18 | 64.1 | <1 | 10.0 | | | 3 | 559 | 212.8 | 0.13 |
| 105G_1987_1231 | 0 | <0.2 | 54 | 2.00 | 60 | 189.0 | 5 | 10.0 | 9 | 10.0 | 4 | 2250 | 666.4 | 0.35 |
| 105G_1987_1232 | 0 | 0.3 | 137 | 1.11 | 50 | 108.2 | 6 | 10.0 | 9 | 10.0 | 3 | 1100 | 95.5 | 0.27 |
| 105G_1987_1233 | 0 | 0.2 | 93 | 1.14 | 5 | 9.8 | <1 | 10.0 | | | 2 | 934 | 109.3 | 0.21 |
| 105G_1987_1234 | 0 | <0.2 | 138 | 1.11 | 6 | 9.4 | <1 | 10.0 | | | 3 | 1080 | 215.9 | 0.15 |
| 105G_1987_1235 | 0 | <0.2 | 51 | 1.25 | 3 | 6.7 | <1 | 10.0 | | | 1 | 539 | 38.8 | 0.22 |
| 105G_1987_1236 | 0 | <0.2 | 55 | 1.13 | 2 | 3.6 | <1 | 10.0 | | | 3 | 862 | 172.9 | 0.18 |
| 105G_1987_1237 | 0 | 0.3 | 357 | 0.37 | 7 | 8.4 | <1 | 10.0 | | | 4 | 2020 | 378.6 | 0.12 |
| 105G_1987_1238 | 0 | <0.2 | 227 | 0.60 | 7 | 9.6 | <1 | 10.0 | | | 5 | 2290 | 556.2 | 0.16 |
| 105G_1987_1239 | 0 | 0.4 | 404 | 0.47 | 7 | 12.0 | <1 | 10.0 | | | 7 | 3090 | 1176.0 | 0.17 |
| 105G_1987_1242 | 0 | 0.4 | 401 | 0.51 | 6 | 5.7 | <1 | 10.0 | | | 8 | 1700 | 661.2 | 0.19 |
| 105G_1987_1243 | 0 | 0.5 | 569 | 0.45 | 11 | 10.5 | <1 | 10.0 | | | 6 | 1960 | 788.0 | 0.16 |
| 105G_1987_1244 | 0 | 0.5 | 545 | 0.49 | 8 | 10.0 | <1 | 10.0 | | | 4 | 1620 | 770.7 | 0.17 |
| 105G_1987_1245 | 1 | 1.0 | 912 | 0.67 | 11 | 10.4 | <1 | 10.0 | | | 7 | 1260 | 420.9 | 0.17 |
| 105G_1987_1246 | 2 | 0.7 | 705 | 0.53 | 12 | 9.2 | <1 | 10.0 | | | 8 | 1170 | 437.5 | 0.14 |
| 105G_1987_1247 | 0 | 0.4 | 515 | 0.43 | 12 | 10.0 | <1 | 10.0 | | | 4 | 1470 | 289.8 | 0.14 |
| 105G_1987_1248 | 0 | 0.4 | 487 | 0.47 | 19 | 17.3 | <1 | 10.0 | | | 4 | 3240 | 1399.9 | 0.21 |
| 105G_1987_1250 | 0 | <0.2 | 366 | 0.31 | 25 | 25.3 | <1 | 10.0 | | | 2 | 3830 | 298.1 | 0.24 |
| 105G_1987_1251 | 0 | <0.2 | 430 | 0.56 | 50 | 46.3 | 6 | 10.0 | 2 | 2.5 | 3 | 1960 | 537.7 | 0.32 |
| 105G_1987_1252 | 0 | <0.2 | 119 | 1.17 | 6 | 6.2 | <1 | 10.0 | | | 4 | 643 | 131.6 | 0.47 |
| 105G_1987_1253 | 0 | 0.3 | 562 | 0.48 | 55 | 50.0 | <1 | 10.0 | | | 4 | 1620 | 250.2 | 0.24 |
| 105G_1987_1254 | 0 | <0.2 | 182 | 0.72 | 25 | 23.5 | <1 | 10.0 | | | 3 | 1790 | 191.6 | 0.22 |
| 105G_1987_1255 | 0 | <0.2 | 363 | 0.68 | 3 | 54.0 | 3 | 10.0 | | | 4 | 1800 | 88.7 | 0.27 |
| 105G_1987_1256 | 0 | <0.2 | 89 | 0.64 | 18 | 22.2 | 30 | 10.0 | <1 | 10.0 | 8 | 968 | 284.3 | 0.14 |
| 105G_1987_1257 | 0 | <0.2 | 389 | 0.40 | 35 | 35.5 | 1 | 10.0 | | | 4 | 1950 | 238.2 | 0.24 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1222 | 0 | 3.79 | 4.9 | 4.49 | 11 | 12.7 | 48.1 | 24 | 23.41 | 590 | 3.37 | 3.62 | 3.7 | 80 | 74 |
| 105G_1987_1223 | 0 | 0.92 | <0.2 | 0.15 | 27 | 29.4 | 424.6 | 40 | 38.28 | 550 | 3.93 | 4.64 | 7.1 | 30 | 34 |
| 105G_1987_1224 | 0 | 1.08 | <0.2 | 0.18 | 18 | 17.7 | 57.5 | 28 | 27.87 | 620 | 3.82 | 3.54 | 5.4 | 25 | 32 |
| 105G_1987_1225 | 0 | 0.57 | <0.2 | 0.32 | 11 | 11.5 | 45.5 | 16 | 16.12 | 550 | 3.27 | 2.88 | 4.1 | 50 | 44 |
| 105G_1987_1226 | 0 | 1.55 | 0.3 | 0.61 | 17 | 17.5 | 42.0 | 24 | 22.93 | 560 | 3.56 | 3.41 | 4.0 | 75 | 60 |
| 105G_1987_1227 | 0 | 8.78 | 0.7 | 0.87 | 7 | 6.7 | 22.7 | 14 | 11.77 | 545 | 1.79 | 1.59 | 1.7 | 105 | 104 |
| 105G_1987_1228 | 1 | 15.46 | 0.2 | 0.64 | 6 | 5.9 | 7.2 | 11 | 8.66 | 340 | 2.07 | 1.77 | 0.6 | 330 | 273 |
| 105G_1987_1229 | 2 | 16.83 | <0.2 | 0.54 | 4 | 5.0 | 6.1 | 10 | 7.29 | 420 | 1.87 | 1.64 | 0.5 | 295 | 241 |
| 105G_1987_1230 | 0 | 1.12 | <0.2 | 0.43 | 7 | 8.8 | 16.8 | 15 | 13.61 | 345 | 4.80 | 6.10 | 3.0 | 55 | 53 |
| 105G_1987_1231 | 0 | 1.01 | <0.2 | 0.07 | 27 | 28.8 | 63.6 | 29 | 28.35 | 645 | 3.96 | 4.32 | 6.5 | 20 | 8 |
| 105G_1987_1232 | 0 | 0.96 | <0.2 | 0.21 | 19 | 20.0 | 17.9 | 31 | 32.29 | 590 | 3.21 | 3.24 | 3.1 | 30 | 23 |
| 105G_1987_1233 | 0 | 2.66 | <0.2 | 0.28 | 15 | 14.7 | 17.9 | 26 | 25.98 | 655 | 3.13 | 3.27 | 3.1 | 50 | 35 |
| 105G_1987_1234 | 0 | 3.38 | 0.6 | 0.79 | 11 | 11.8 | 23.1 | 25 | 22.86 | 950 | 2.94 | 2.90 | 3.4 | 55 | 55 |
| 105G_1987_1235 | 0 | 2.47 | <0.2 | 0.07 | 17 | 17.4 | 18.6 | 47 | 44.79 | 550 | 3.45 | 3.46 | 3.5 | 25 | 22 |
| 105G_1987_1236 | 0 | 2.58 | <0.2 | 0.23 | 13 | 12.4 | 18.5 | 20 | 19.27 | 780 | 2.96 | 2.86 | 3.3 | 50 | 37 |
| 105G_1987_1237 | 0 | 0.39 | 2.9 | 2.57 | 5 | 4.7 | 7.4 | 23 | 23.46 | 650 | 1.74 | 1.46 | 0.9 | 50 | 61 |
| 105G_1987_1238 | 0 | 3.50 | 1.1 | 1.01 | 8 | 8.7 | 11.0 | 23 | 21.53 | 675 | 2.09 | 1.94 | 1.6 | 55 | 68 |
| 105G_1987_1239 | 0 | 1.95 | 8.2 | 7.72 | 8 | 7.9 | 8.4 | 33 | 32.50 | 800 | 2.52 | 2.62 | 1.1 | 165 | 162 |
| 105G_1987_1242 | 0 | 1.40 | 4.4 | 3.66 | 8 | 8.1 | 11.2 | 45 | 44.64 | 700 | 2.46 | 2.46 | 1.3 | 135 | 129 |
| 105G_1987_1243 | 0 | 3.27 | 4.7 | 4.21 | 9 | 9.0 | 11.8 | 39 | 39.82 | 745 | 2.41 | 2.30 | 1.4 | 110 | 115 |
| 105G_1987_1244 | 0 | 1.93 | 5.5 | 4.72 | 7 | 7.0 | 8.7 | 28 | 27.24 | 785 | 2.16 | 2.10 | 1.3 | 115 | 126 |
| 105G_1987_1245 | 1 | 1.34 | 4.6 | 4.27 | 9 | 9.8 | 16.8 | 37 | 37.61 | 665 | 2.84 | 2.80 | 2.0 | 185 | 171 |
| 105G_1987_1246 | 2 | 1.92 | 4.2 | 3.68 | 9 | 8.5 | 15.9 | 32 | 30.49 | 595 | 3.11 | 3.11 | 1.6 | 155 | 133 |
| 105G_1987_1247 | 0 | 0.59 | 2.5 | 2.13 | 6 | 5.0 | 8.6 | 36 | 35.24 | 725 | 1.92 | 1.61 | 1.1 | 110 | 108 |
| 105G_1987_1248 | 0 | 2.18 | 2.0 | 1.95 | 8 | 8.4 | 9.5 | 36 | 36.15 | 795 | 2.19 | 2.29 | 1.2 | 85 | 92 |
| 105G_1987_1250 | 0 | 0.40 | 1.1 | 1.14 | 8 | 8.9 | 5.4 | 41 | 42.30 | 650 | 2.08 | 2.05 | 0.7 | 25 | 24 |
| 105G_1987_1251 | 0 | 2.16 | 2.1 | 1.96 | 14 | 14.6 | 8.9 | 41 | 39.10 | 750 | 2.78 | 3.03 | 1.6 | 25 | 33 |
| 105G_1987_1252 | 0 | 0.98 | 0.5 | 0.67 | 9 | 10.2 | 45.9 | 15 | 15.99 | 590 | 2.49 | 2.47 | 4.9 | 25 | 23 |
| 105G_1987_1253 | 0 | 3.11 | 1.7 | 1.68 | 13 | 12.3 | 11.8 | 36 | 33.49 | 680 | 2.75 | 2.71 | 1.5 | 25 | 20 |
| 105G_1987_1254 | 0 | 3.54 | 1.0 | 1.07 | 18 | 16.6 | 9.2 | 41 | 36.85 | 920 | 3.02 | 3.09 | 2.1 | 20 | 10 |
| 105G_1987_1255 | 0 | 3.82 | 1.3 | 1.36 | 19 | 18.9 | 9.5 | 51 | 50.24 | 875 | 3.22 | 3.45 | 1.8 | 20 | 16 |
| 105G_1987_1256 | 0 | 0.67 | 0.3 | 0.47 | 9 | 10.2 | 58.1 | 15 | 14.78 | 530 | 1.88 | 1.92 | 2.2 | 45 | 39 |
| 105G_1987_1257 | 0 | 4.37 | 1.8 | 1.79 | 16 | 15.2 | 7.1 | 45 | 44.01 | 740 | 3.11 | 3.03 | 1.2 | 20 | 19 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|-----|--------|-----|--------|--------|--------|-------|--------|--------|-------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_1222 | 0 | 0.09 | 22.2 | 7.0 | 2.97 | 624 | 843 | 5 | 3.85 | 0.009 | 47 | 45.5 | 0.102 | 38 | 39.98 | |
| 105G_1987_1223 | 0 | 0.05 | 20.4 | 8.0 | 2.44 | 456 | 643 | <2 | 0.56 | 0.007 | 156 | 152.4 | 0.105 | 9 | 10.86 | |
| 105G_1987_1224 | 0 | 0.08 | 20.0 | 5.2 | 1.44 | 288 | 398 | <2 | 0.97 | 0.011 | 55 | 53.0 | 0.079 | 14 | 14.53 | |
| 105G_1987_1225 | 0 | 0.06 | 15.8 | 8.4 | 0.93 | 313 | 381 | <2 | 0.42 | 0.008 | 37 | 36.0 | 0.106 | 12 | 12.69 | |
| 105G_1987_1226 | 0 | 0.09 | 13.6 | 6.0 | 1.51 | 545 | 736 | 4 | 3.92 | 0.007 | 56 | 52.3 | 0.146 | 14 | 14.18 | |
| 105G_1987_1227 | 0 | 0.04 | 7.6 | 4.8 | 5.66 | 155 | 233 | 3 | 1.44 | 0.010 | 32 | 28.4 | 0.066 | 18 | 18.08 | |
| 105G_1987_1228 | 1 | 0.03 | 7.1 | 1.8 | 8.91 | 556 | 903 | 6 | 2.02 | 0.014 | 30 | 25.7 | 0.031 | 16 | 13.07 | |
| 105G_1987_1229 | 2 | 0.03 | 6.2 | 1.8 | 9.33 | 507 | 833 | 6 | 1.97 | 0.015 | 25 | 22.8 | 0.028 | 15 | 11.59 | |
| 105G_1987_1230 | 0 | 0.05 | 5.9 | 38.8 | 0.47 | 896 | 1220 | <2 | 2.21 | 0.014 | 13 | 15.3 | 0.085 | 6 | 6.68 | |
| 105G_1987_1231 | 0 | 0.33 | 42.9 | 2.6 | 1.54 | 328 | 472 | <2 | 0.48 | 0.021 | 51 | 53.3 | 0.246 | 6 | 9.24 | |
| 105G_1987_1232 | 0 | 0.08 | 12.9 | 5.4 | 0.66 | 285 | 396 | <2 | 1.72 | 0.008 | 33 | 35.1 | 0.110 | 13 | 16.19 | |
| 105G_1987_1233 | 0 | 0.10 | 9.6 | 8.0 | 1.06 | 297 | 384 | 2 | 1.24 | 0.010 | 31 | 29.8 | 0.089 | 16 | 16.88 | |
| 105G_1987_1234 | 0 | 0.05 | 15.3 | 2.8 | 1.84 | 322 | 422 | 6 | 6.13 | 0.004 | 38 | 36.2 | 0.103 | 21 | 23.12 | |
| 105G_1987_1235 | 0 | 0.04 | 9.9 | 3.0 | 0.93 | 412 | 535 | <2 | 0.68 | 0.005 | 31 | 31.1 | 0.086 | 11 | 12.55 | |
| 105G_1987_1236 | 0 | 0.04 | 7.6 | 5.0 | 1.03 | 226 | 291 | <2 | 1.03 | 0.006 | 28 | 26.2 | 0.069 | 14 | 12.68 | |
| 105G_1987_1237 | 0 | 0.06 | 9.0 | 4.4 | 0.09 | 113 | 147 | 3 | 3.98 | 0.004 | 37 | 32.9 | 0.140 | 11 | 10.63 | |
| 105G_1987_1238 | 0 | 0.10 | 11.6 | 4.4 | 1.40 | 245 | 305 | 3 | 3.16 | 0.008 | 36 | 31.8 | 0.093 | 17 | 18.06 | |
| 105G_1987_1239 | 0 | 0.10 | 13.9 | 13.8 | 0.54 | 121 | 159 | 8 | 9.77 | 0.006 | 58 | 53.8 | 0.175 | 19 | 17.43 | |
| 105G_1987_1242 | 0 | 0.09 | 7.9 | 20.8 | 0.17 | 815 | 897 | 3 | 2.82 | 0.010 | 31 | 33.7 | 0.237 | 12 | 11.97 | |
| 105G_1987_1243 | 0 | 0.13 | 27.4 | 3.8 | 1.04 | 471 | 575 | 11 | 9.16 | 0.007 | 45 | 41.0 | 0.141 | 22 | 20.05 | |
| 105G_1987_1244 | 0 | 0.08 | 15.4 | 6.6 | 0.92 | 250 | 291 | 6 | 5.75 | 0.005 | 42 | 35.9 | 0.169 | 39 | 37.39 | |
| 105G_1987_1245 | 1 | 0.11 | 14.2 | 13.0 | 0.36 | 294 | 333 | 8 | 7.99 | 0.009 | 36 | 35.9 | 0.177 | 20 | 18.76 | |
| 105G_1987_1246 | 2 | 0.13 | 12.9 | 15.8 | 0.40 | 640 | 703 | 8 | 7.56 | 0.011 | 35 | 31.5 | 0.175 | 12 | 12.53 | |
| 105G_1987_1247 | 0 | 0.06 | 12.0 | 9.2 | 0.16 | 150 | 160 | 3 | 3.32 | 0.006 | 47 | 40.8 | 0.138 | 15 | 13.71 | |
| 105G_1987_1248 | 0 | 0.08 | 15.2 | 7.2 | 1.18 | 191 | 231 | 7 | 6.29 | 0.009 | 52 | 44.9 | 0.136 | 20 | 20.01 | |
| 105G_1987_1250 | 0 | 0.06 | 18.6 | 3.4 | 0.22 | 121 | 154 | 7 | 6.90 | 0.004 | 47 | 42.2 | 0.100 | 27 | 23.99 | |
| 105G_1987_1251 | 0 | 0.06 | 19.6 | 4.6 | 0.83 | 245 | 287 | 7 | 6.33 | 0.006 | 61 | 51.3 | 0.115 | 47 | 32.78 | |
| 105G_1987_1252 | 0 | 0.11 | 30.0 | 18.0 | 0.54 | 305 | 373 | <2 | 0.53 | 0.020 | 29 | 29.1 | 0.138 | 15 | 13.78 | |
| 105G_1987_1253 | 0 | 0.06 | 19.3 | 2.0 | 0.74 | 333 | 403 | 8 | 6.26 | 0.009 | 48 | 38.7 | 0.113 | 47 | 40.60 | |
| 105G_1987_1254 | 0 | 0.04 | 22.9 | 2.0 | 0.99 | 258 | 301 | 7 | 5.45 | 0.008 | 49 | 40.1 | 0.111 | 17 | 12.68 | |
| 105G_1987_1255 | 0 | 0.06 | 20.9 | 2.6 | 1.23 | 268 | 320 | 8 | 6.60 | 0.009 | 56 | 48.8 | 0.113 | 17 | 17.56 | |
| 105G_1987_1256 | 0 | 0.06 | 13.7 | 3.0 | 0.70 | 504 | 656 | <2 | 0.78 | 0.008 | 68 | 67.8 | 0.165 | 9 | 9.68 | |
| 105G_1987_1257 | 0 | 0.03 | 14.8 | 1.8 | 1.24 | 253 | 310 | 8 | 6.50 | 0.005 | 54 | 44.4 | 0.119 | 17 | 15.91 | |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1222 | 0 | 0.09 | 1.6 | 1.64 | 2.9 | 0.7 | 12 | 56.8 | 0.02 | 3.2 | 0.027 | 0.25 | 1.0 | 3.4 |
| 105G_1987_1223 | 0 | 0.02 | 0.2 | 0.50 | 6.7 | 0.3 | 4 | 42.1 | <0.02 | 3.1 | 0.058 | 0.03 | 0.3 | 2.1 |
| 105G_1987_1224 | 0 | 0.03 | 0.4 | 0.40 | 3.5 | 0.4 | 4 | 47.3 | <0.02 | 6.0 | 0.025 | 0.04 | 0.5 | 2.9 |
| 105G_1987_1225 | 0 | 0.04 | 0.4 | 0.32 | 3.2 | 0.4 | 3 | 31.5 | <0.02 | 4.3 | 0.011 | 0.06 | 0.6 | 2.7 |
| 105G_1987_1226 | 0 | 0.05 | 1.4 | 1.15 | 4.6 | 0.6 | 3 | 45.2 | <0.02 | 4.0 | 0.014 | 0.15 | 1.6 | 5.2 |
| 105G_1987_1227 | 0 | 0.03 | 2.3 | 2.42 | 2.4 | 0.7 | 21 | 47.9 | <0.02 | 1.4 | 0.011 | 0.23 | 1.2 | 3.0 |
| 105G_1987_1228 | 1 | <0.01 | 4.0 | 6.02 | 1.4 | 0.4 | 26 | 50.7 | <0.02 | 0.7 | 0.005 | 0.45 | 0.8 | 1.8 |
| 105G_1987_1229 | 2 | <0.01 | 4.5 | 5.59 | 1.1 | 0.4 | 25 | 52.9 | <0.02 | 0.7 | 0.005 | 0.35 | 0.8 | 2.0 |
| 105G_1987_1230 | 0 | 0.43 | 1.0 | 0.41 | 2.2 | 1.5 | 2 | 62.9 | <0.02 | 1.7 | 0.009 | 0.08 | 1.4 | 2.5 |
| 105G_1987_1231 | 0 | 0.02 | 8.0 | 6.91 | 5.5 | 0.1 | 4 | 63.2 | <0.02 | 9.0 | 0.134 | 0.33 | 1.1 | 4.1 |
| 105G_1987_1232 | 0 | 0.07 | 4.5 | 3.89 | 2.9 | 0.7 | 3 | 39.9 | <0.02 | 7.7 | 0.003 | 0.04 | 0.7 | 4.1 |
| 105G_1987_1233 | 0 | 0.05 | 1.2 | 0.85 | 4.0 | 0.5 | 7 | 86.2 | <0.02 | 6.0 | 0.002 | 0.06 | 0.6 | 2.9 |
| 105G_1987_1234 | 0 | 0.05 | 1.2 | 1.10 | 2.8 | 0.5 | 11 | 70.7 | 0.03 | 4.3 | 0.007 | 0.11 | 0.9 | 4.7 |
| 105G_1987_1235 | 0 | 0.02 | 1.2 | 0.81 | 3.6 | 0.3 | 7 | 69.8 | <0.02 | 8.1 | 0.002 | 0.02 | 0.5 | 3.2 |
| 105G_1987_1236 | 0 | 0.03 | 0.5 | 0.47 | 4.1 | 0.2 | 7 | 91.8 | <0.02 | 5.4 | 0.002 | 0.04 | 0.5 | 25.9 |
| 105G_1987_1237 | 0 | 0.03 | 1.8 | 1.58 | 1.8 | 2.1 | <1 | 29.5 | 0.03 | 1.7 | 0.003 | 0.19 | 1.2 | 4.5 |
| 105G_1987_1238 | 0 | 0.05 | 1.7 | 1.50 | 2.8 | 0.7 | 10 | 86.3 | <0.02 | 3.5 | 0.004 | 0.24 | 1.1 | 3.6 |
| 105G_1987_1239 | 0 | 0.17 | 2.4 | 3.38 | 3.1 | 4.0 | 7 | 60.3 | 0.03 | 1.8 | 0.004 | 0.38 | 2.7 | 7.4 |
| 105G_1987_1242 | 0 | 0.14 | 0.6 | 1.09 | 2.6 | 4.8 | 3 | 54.6 | 0.04 | 0.8 | 0.004 | 0.22 | 1.2 | 3.7 |
| 105G_1987_1243 | 0 | 0.26 | 1.8 | 2.17 | 3.1 | 3.4 | 6 | 87.2 | 0.04 | 4.0 | 0.006 | 0.32 | 1.6 | 6.0 |
| 105G_1987_1244 | 0 | 0.09 | 2.0 | 2.37 | 2.3 | 3.0 | 7 | 43.5 | 0.04 | 3.1 | 0.002 | 0.35 | 1.5 | 5.2 |
| 105G_1987_1245 | 1 | 0.09 | 0.9 | 1.31 | 3.4 | 5.5 | 4 | 46.0 | 0.03 | 2.3 | 0.004 | 0.27 | 1.2 | 4.9 |
| 105G_1987_1246 | 2 | 0.09 | 0.7 | 1.28 | 3.0 | 6.7 | 6 | 58.6 | 0.03 | 2.0 | 0.004 | 0.26 | 1.2 | 3.8 |
| 105G_1987_1247 | 0 | 0.06 | 1.1 | 1.56 | 2.4 | 1.8 | 2 | 35.2 | 0.04 | 1.9 | 0.003 | 0.20 | 2.1 | 6.0 |
| 105G_1987_1248 | 0 | 0.08 | 3.7 | 3.36 | 2.3 | 2.7 | 6 | 56.6 | <0.02 | 3.9 | 0.003 | 0.19 | 2.3 | 6.0 |
| 105G_1987_1250 | 0 | 0.04 | 4.2 | 5.31 | 1.2 | 1.5 | 2 | 41.4 | 0.06 | 6.3 | 0.002 | 0.14 | 1.6 | 4.7 |
| 105G_1987_1251 | 0 | 0.11 | 8.7 | 8.17 | 2.1 | 1.7 | 12 | 65.3 | 0.04 | 7.7 | 0.003 | 0.08 | 2.1 | 5.2 |
| 105G_1987_1252 | 0 | 0.03 | <0.2 | 0.33 | 2.5 | 0.7 | 3 | 66.9 | <0.02 | 6.5 | 0.024 | 0.13 | 2.2 | 5.0 |
| 105G_1987_1253 | 0 | 0.07 | 11.2 | 9.99 | 2.5 | 1.2 | 6 | 75.3 | 0.02 | 7.8 | 0.012 | 0.08 | 1.6 | 4.0 |
| 105G_1987_1254 | 0 | 0.10 | 1.8 | 1.89 | 2.0 | 1.4 | 7 | 99.8 | 0.04 | 8.9 | 0.002 | 0.03 | 1.3 | 3.4 |
| 105G_1987_1255 | 0 | 0.13 | 8.3 | 6.35 | 2.3 | 1.7 | 4 | 108.1 | 0.04 | 8.7 | 0.001 | 0.04 | 2.3 | 5.2 |
| 105G_1987_1256 | 0 | 0.05 | 0.7 | 0.95 | 2.0 | 0.6 | 5 | 39.8 | 0.02 | 3.9 | 0.016 | 0.07 | 1.2 | 2.8 |
| 105G_1987_1257 | 0 | 0.10 | 7.9 | 7.19 | 1.9 | 2.0 | 6 | 120.4 | 0.04 | 6.9 | 0.003 | 0.04 | 2.2 | 4.9 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1222 | 0 | 32 | 41 | 2 | <0.1 | 1000 | 986.5 |
| 105G_1987_1223 | 0 | 62 | 74 | 2 | <0.1 | 82 | 90.5 |
| 105G_1987_1224 | 0 | 23 | 30 | 2 | <0.1 | 95 | 94.4 |
| 105G_1987_1225 | 0 | 22 | 26 | 2 | 0.1 | 114 | 125.2 |
| 105G_1987_1226 | 0 | 33 | 43 | 2 | <0.1 | 138 | 138.7 |
| 105G_1987_1227 | 0 | 19 | 19 | 2 | <0.1 | 137 | 132.3 |
| 105G_1987_1228 | 1 | 17 | 13 | 2 | 0.1 | 147 | 126.2 |
| 105G_1987_1229 | 2 | 14 | 12 | 2 | <0.1 | 125 | 111.4 |
| 105G_1987_1230 | 0 | 12 | 19 | 2 | 0.1 | 219 | 229.5 |
| 105G_1987_1231 | 0 | 45 | 59 | 2 | <0.1 | 53 | 61.4 |
| 105G_1987_1232 | 0 | 9 | 15 | 2 | <0.1 | 73 | 85.9 |
| 105G_1987_1233 | 0 | 12 | 16 | 2 | <0.1 | 103 | 105.3 |
| 105G_1987_1234 | 0 | 23 | 28 | 2 | <0.1 | 154 | 158.1 |
| 105G_1987_1235 | 0 | 10 | 12 | 2 | <0.1 | 64 | 67.9 |
| 105G_1987_1236 | 0 | 13 | 15 | 2 | <0.1 | 86 | 86.0 |
| 105G_1987_1237 | 0 | 11 | 17 | 2 | <0.1 | 249 | 246.8 |
| 105G_1987_1238 | 0 | 17 | 23 | 2 | <0.1 | 174 | 170.7 |
| 105G_1987_1239 | 0 | 20 | 33 | 2 | <0.1 | 431 | 402.0 |
| 105G_1987_1242 | 0 | 9 | 19 | 2 | <0.1 | 245 | 227.5 |
| 105G_1987_1243 | 0 | 27 | 36 | 2 | <0.1 | 698 | 656.8 |
| 105G_1987_1244 | 0 | 13 | 21 | 2 | <0.1 | 564 | 508.6 |
| 105G_1987_1245 | 1 | 25 | 37 | 2 | <0.1 | 297 | 278.2 |
| 105G_1987_1246 | 2 | 16 | 23 | 2 | <0.1 | 270 | 249.4 |
| 105G_1987_1247 | 0 | 17 | 25 | 2 | <0.1 | 203 | 188.7 |
| 105G_1987_1248 | 0 | 20 | 26 | 2 | <0.1 | 358 | 307.9 |
| 105G_1987_1250 | 0 | 10 | 17 | 2 | <0.1 | 230 | 223.8 |
| 105G_1987_1251 | 0 | 14 | 21 | 2 | 1.4 | 343 | 309.7 |
| 105G_1987_1252 | 0 | 18 | 24 | 8 | 6.6 | 125 | 134.1 |
| 105G_1987_1253 | 0 | 16 | 22 | 2 | 0.2 | 236 | 207.3 |
| 105G_1987_1254 | 0 | 9 | 12 | 2 | <0.1 | 172 | 147.5 |
| 105G_1987_1255 | 0 | 12 | 16 | 2 | <0.1 | 202 | 191.5 |
| 105G_1987_1256 | 0 | 19 | 27 | 10 | 3.5 | 81 | 79.9 |
| 105G_1987_1257 | 0 | 12 | 15 | 2 | 0.2 | 224 | 191.6 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1258 | 0 | 0.2 | 296 | 0.52 | 30 | 29.6 | <1 | 10.0 | | | 3 | 2210 | 239.5 | 0.23 |
| 105G_1987_1259 | 0 | <0.2 | 185 | 0.57 | 35 | 39.6 | <1 | 10.0 | | | 2 | 1480 | 67.7 | 0.22 |
| 105G_1987_1260 | 0 | <0.2 | 309 | 0.42 | 30 | 37.5 | <1 | 10.0 | | | 4 | 1820 | 231.9 | 0.30 |
| 105G_1987_1262 | 0 | 0.3 | 280 | 0.58 | 25 | 25.7 | <1 | 10.0 | | | 4 | 1790 | 373.2 | 0.24 |
| 105G_1987_1264 | 0 | 0.3 | 384 | 0.24 | 45 | 46.9 | <1 | 10.0 | | | 4 | 1980 | 175.5 | 0.22 |
| 105G_1987_1265 | 0 | 1.0 | 879 | 0.30 | 40 | 40.3 | 1 | 10.0 | | | 6 | 4720 | 1703.4 | 0.24 |
| 105G_1987_1266 | 0 | 0.4 | 431 | 0.51 | 40 | 39.1 | <1 | 10.0 | | | 4 | 1840 | 82.7 | 0.24 |
| 105G_1987_1267 | 0 | 0.2 | 375 | 0.27 | 19 | 19.3 | <1 | 10.0 | | | 4 | 2550 | 656.0 | 0.22 |
| 105G_1987_1268 | 0 | 0.5 | 504 | 0.30 | 25 | 24.9 | 2 | 10.0 | | | 4 | 4080 | 1243.4 | 0.22 |
| 105G_1987_1269 | 0 | 0.4 | 476 | 0.29 | 14 | 16.4 | <1 | 10.0 | | | 6 | 4110 | 1677.9 | 0.14 |
| 105G_1987_1270 | 0 | <0.2 | 305 | 0.29 | 16 | 14.5 | <1 | 10.0 | | | 7 | 4160 | 1505.3 | 0.12 |
| 105G_1987_1271 | 1 | 0.4 | 439 | 0.38 | 20 | 23.1 | <1 | 10.0 | | | 5 | 7180 | 2376.1 | 0.21 |
| 105G_1987_1272 | 2 | 0.3 | 412 | 0.34 | 25 | 24.8 | <1 | 10.0 | | | 5 | 5940 | 1923.3 | 0.20 |
| 105G_1987_1273 | 0 | <0.2 | 228 | 0.48 | 16 | 19.3 | <1 | 10.0 | | | 5 | 3090 | 796.4 | 0.15 |
| 105G_1987_1274 | 0 | <0.2 | 29 | 1.72 | 5 | 4.5 | <1 | 10.0 | | | 2 | 464 | 38.0 | 0.18 |
| 105G_1987_1275 | 0 | 0.3 | 293 | 0.47 | 13 | 14.6 | <1 | 10.0 | | | 6 | 3030 | 458.4 | 0.16 |
| 105G_1987_1276 | 0 | <0.2 | 82 | 1.86 | 9 | 8.6 | <1 | 10.0 | | | 2 | 599 | 40.1 | 0.35 |
| 105G_1987_1277 | 0 | <0.2 | 118 | 2.07 | 150 | 127.3 | 1 | 10.0 | | | 9 | 552 | 109.4 | 3.23 |
| 105G_1987_1278 | 0 | <0.2 | 75 | 4.64 | 300 | 264.6 | <1 | 10.0 | | | 14 | 747 | 136.7 | 7.37 |
| 105G_1987_1279 | 0 | <0.2 | 82 | 3.65 | 50 | 50.2 | <1 | 10.0 | | | 3 | 664 | 113.0 | 0.43 |
| 105G_1987_1280 | 0 | <0.2 | 100 | 2.19 | 150 | 132.6 | <1 | 10.0 | | | 9 | 528 | 107.7 | 3.07 |
| 105G_1987_1282 | 0 | <0.2 | 70 | 2.09 | 15 | 23.6 | <1 | 10.0 | | | 1 | 787 | 50.5 | 0.28 |
| 105G_1987_1283 | 0 | <0.2 | 50 | 1.75 | 40 | 40.7 | <1 | 10.0 | | | 4 | 614 | 100.3 | 0.45 |
| 105G_1987_1284 | 0 | <0.2 | 113 | 1.07 | 5 | 5.9 | <1 | 10.0 | | | 4 | 748 | 215.8 | 0.16 |
| 105G_1987_1285 | 0 | <0.2 | 55 | 1.13 | 20 | 25.3 | <1 | 10.0 | | | 2 | 628 | 83.6 | 0.22 |
| 105G_1987_1286 | 0 | <0.2 | 93 | 0.97 | 7 | 9.0 | <1 | 10.0 | | | 5 | 735 | 242.8 | 0.13 |
| 105G_1987_1287 | 0 | <0.2 | 216 | 3.35 | 90 | 88.1 | 8 | 10.0 | 12 | 10.0 | 4 | 613 | 117.4 | 0.80 |
| 105G_1987_1288 | 0 | <0.2 | 151 | 5.63 | 160 | 153.6 | <1 | 10.0 | | | 9 | 1000 | 397.0 | 4.75 |
| 105G_1987_1289 | 0 | 0.4 | 534 | 1.27 | 200 | 207.4 | 16 | 10.0 | 59 | 10.0 | 1 | 341 | 19.4 | 0.52 |
| 105G_1987_1290 | 0 | <0.2 | 420 | 5.66 | 75 | 74.8 | 5 | 10.0 | 7 | 10.0 | 5 | 1300 | 396.2 | 3.49 |
| 105G_1987_1291 | 0 | 0.2 | 326 | 1.14 | 100 | 97.4 | <1 | 10.0 | | | 1 | 1590 | 52.2 | 0.30 |
| 105G_1987_1292 | 0 | <0.2 | 131 | 3.96 | 58 | 59.3 | <1 | 10.0 | | | 5 | 1315 | 204.8 | 1.52 |
| 105G_1987_1294 | 0 | <0.2 | 66 | 3.06 | 19 | 17.6 | <1 | 10.0 | | | 4 | 595 | 172.0 | 0.31 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1258 | 0 | 3.59 | 1.5 | 1.39 | 16 | 16.0 | 8.7 | 43 | 41.33 | 700 | 3.00 | 3.17 | 1.4 | 30 | 19 |
| 105G_1987_1259 | 0 | 4.48 | 0.6 | 0.73 | 18 | 16.5 | 8.2 | 35 | 34.23 | 810 | 3.04 | 3.09 | 1.5 | 15 | 11 |
| 105G_1987_1260 | 0 | 2.46 | 1.3 | 1.26 | 14 | 13.8 | 8.0 | 38 | 37.03 | 800 | 2.72 | 2.96 | 1.3 | 30 | 29 |
| 105G_1987_1262 | 0 | 3.74 | 1.5 | 1.48 | 14 | 13.5 | 8.1 | 39 | 38.94 | 700 | 2.83 | 2.83 | 1.6 | 25 | 18 |
| 105G_1987_1264 | 0 | 3.96 | 2.1 | 2.00 | 15 | 14.3 | 4.2 | 50 | 48.95 | 705 | 3.02 | 3.18 | 0.6 | 25 | 34 |
| 105G_1987_1265 | 0 | 1.52 | 2.6 | 2.43 | 13 | 12.3 | 5.7 | 56 | 53.56 | 900 | 2.41 | 2.53 | 0.7 | 35 | 41 |
| 105G_1987_1266 | 0 | 2.39 | 1.7 | 1.66 | 14 | 12.9 | 9.2 | 39 | 37.44 | 950 | 2.84 | 2.99 | 1.4 | 20 | 17 |
| 105G_1987_1267 | 0 | 3.18 | 1.5 | 1.35 | 11 | 10.2 | 5.3 | 48 | 43.26 | 720 | 2.49 | 2.43 | 0.7 | 25 | 23 |
| 105G_1987_1268 | 0 | 0.35 | 2.1 | 1.85 | 10 | 9.3 | 4.2 | 48 | 47.48 | 610 | 2.16 | 2.09 | 0.7 | 30 | 28 |
| 105G_1987_1269 | 0 | 3.07 | 2.4 | 2.30 | 8 | 7.6 | 6.4 | 25 | 24.60 | 800 | 1.75 | 1.73 | 0.7 | 110 | 107 |
| 105G_1987_1270 | 0 | 4.62 | 2.8 | 2.22 | 7 | 6.0 | 6.7 | 26 | 24.61 | 795 | 1.79 | 1.59 | 0.7 | 95 | 80 |
| 105G_1987_1271 | 1 | 1.18 | 2.0 | 1.80 | 11 | 10.0 | 6.6 | 40 | 38.55 | 640 | 2.29 | 2.19 | 0.9 | 75 | 80 |
| 105G_1987_1272 | 2 | 1.00 | 1.7 | 1.66 | 10 | 10.0 | 6.2 | 41 | 38.88 | 645 | 2.30 | 2.14 | 0.8 | 55 | 69 |
| 105G_1987_1273 | 0 | 0.90 | 1.8 | 1.75 | 8 | 7.9 | 9.4 | 21 | 20.39 | 670 | 3.26 | 3.47 | 1.2 | 55 | 60 |
| 105G_1987_1274 | 0 | 1.43 | <0.2 | 0.09 | 17 | 16.2 | 25.5 | 22 | 21.02 | 640 | 3.84 | 3.78 | 5.1 | 25 | 13 |
| 105G_1987_1275 | 0 | 3.14 | 2.4 | 2.48 | 11 | 10.2 | 8.1 | 30 | 30.69 | 815 | 2.31 | 2.10 | 1.1 | 105 | 101 |
| 105G_1987_1276 | 0 | 0.28 | <0.2 | 0.08 | 29 | 28.6 | 25.8 | 94 | 95.06 | 550 | 4.58 | 4.30 | 5.4 | 25 | 18 |
| 105G_1987_1277 | 0 | 1.01 | <0.2 | 0.29 | 11 | 12.0 | 20.4 | 18 | 18.87 | 840 | 2.49 | 2.18 | 6.5 | 15 | 10 |
| 105G_1987_1278 | 0 | 2.56 | <0.2 | 0.29 | 12 | 11.5 | 34.2 | 32 | 31.21 | 1040 | 2.73 | 2.31 | 13.1 | 20 | 15 |
| 105G_1987_1279 | 0 | 1.29 | <0.2 | 0.15 | 20 | 20.5 | 38.2 | 48 | 48.10 | 505 | 4.26 | 3.83 | 9.8 | 15 | 8 |
| 105G_1987_1280 | 0 | 0.99 | <0.2 | 0.26 | 12 | 12.4 | 21.9 | 20 | 19.02 | 920 | 2.68 | 2.30 | 6.8 | 15 | <5 |
| 105G_1987_1282 | 0 | 8.92 | <0.2 | 0.15 | 17 | 18.9 | 24.8 | 33 | 31.42 | 575 | 3.30 | 3.27 | 5.7 | 15 | 9 |
| 105G_1987_1283 | 0 | 0.72 | <0.2 | 0.14 | 13 | 13.1 | 22.8 | 12 | 11.49 | 500 | 2.72 | 2.32 | 5.0 | 10 | 10 |
| 105G_1987_1284 | 0 | 1.17 | 0.4 | 0.55 | 8 | 8.5 | 21.9 | 17 | 18.92 | 475 | 1.91 | 1.67 | 3.0 | 35 | 38 |
| 105G_1987_1285 | 0 | 2.63 | <0.2 | 0.29 | 13 | 11.9 | 18.8 | 14 | 13.97 | 575 | 3.03 | 2.78 | 3.4 | 20 | 14 |
| 105G_1987_1286 | 0 | 1.72 | 1.0 | 0.95 | 6 | 7.0 | 22.2 | 11 | 11.11 | 490 | 1.64 | 1.50 | 2.3 | 55 | 61 |
| 105G_1987_1287 | 0 | 5.19 | 0.2 | 0.49 | 22 | 22.9 | 32.9 | 28 | 27.17 | 745 | 3.54 | 3.69 | 8.6 | 20 | 14 |
| 105G_1987_1288 | 0 | 2.75 | <0.2 | 0.41 | 15 | 15.9 | 37.8 | 37 | 35.30 | 755 | 3.13 | 2.87 | 14.4 | 20 | 18 |
| 105G_1987_1289 | 0 | 9.32 | 0.5 | 0.76 | 21 | 22.9 | 18.8 | 26 | 27.91 | 640 | 3.61 | 4.28 | 3.3 | 15 | 7 |
| 105G_1987_1290 | 0 | 4.92 | 0.8 | 1.06 | 20 | 20.6 | 43.5 | 47 | 43.57 | 890 | 3.91 | 3.62 | 13.0 | 20 | 15 |
| 105G_1987_1291 | 0 | 0.49 | 0.6 | 0.75 | 22 | 22.5 | 15.5 | 50 | 49.80 | 520 | 4.33 | 4.25 | 3.1 | 15 | 20 |
| 105G_1987_1292 | 0 | 1.90 | 0.2 | 0.48 | 12 | 15.1 | 39.2 | 31 | 32.81 | 850 | 3.08 | 2.81 | 10.5 | 20 | 13 |
| 105G_1987_1294 | 0 | 20.51 | <0.2 | 0.17 | 5 | 6.7 | 22.3 | 19 | 15.38 | 520 | 1.65 | 1.36 | 7.6 | 10 | 5 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1258 | 0 | 0.04 | 16.1 | 1.7 | 1.09 | 237 | 295 | 7 | 5.07 | 0.007 | 52 | 44.3 | 0.115 | 19 | 17.60 |
| 105G_1987_1259 | 0 | 0.04 | 20.5 | 1.8 | 1.10 | 251 | 310 | 4 | 2.77 | 0.005 | 41 | 34.9 | 0.106 | 13 | 12.94 |
| 105G_1987_1260 | 0 | 0.05 | 18.2 | 2.6 | 1.32 | 249 | 311 | 4 | 4.30 | 0.006 | 51 | 42.3 | 0.143 | 23 | 23.77 |
| 105G_1987_1262 | 0 | 0.05 | 25.7 | 2.0 | 0.83 | 281 | 334 | 5 | 4.35 | 0.006 | 49 | 41.0 | 0.127 | 16 | 14.32 |
| 105G_1987_1264 | 0 | 0.06 | 9.9 | 2.4 | 1.42 | 276 | 353 | 7 | 5.71 | 0.008 | 62 | 53.8 | 0.133 | 30 | 27.09 |
| 105G_1987_1265 | 0 | 0.08 | 12.2 | 3.4 | 0.79 | 249 | 314 | 7 | 8.64 | 0.006 | 69 | 56.7 | 0.125 | 39 | 33.51 |
| 105G_1987_1266 | 0 | 0.04 | 20.3 | 3.8 | 0.87 | 276 | 316 | 9 | 11.48 | 0.006 | 71 | 59.7 | 0.116 | 23 | 23.00 |
| 105G_1987_1267 | 0 | 0.05 | 9.0 | 1.6 | 1.41 | 225 | 278 | 6 | 5.38 | 0.004 | 57 | 47.3 | 0.089 | 51 | 41.53 |
| 105G_1987_1268 | 0 | 0.09 | 15.3 | 2.8 | 0.16 | 149 | 188 | 5 | 5.43 | 0.005 | 63 | 51.8 | 0.125 | 17 | 19.64 |
| 105G_1987_1269 | 0 | 0.09 | 10.4 | 4.0 | 1.63 | 387 | 513 | 8 | 7.28 | 0.005 | 41 | 35.8 | 0.141 | 20 | 17.03 |
| 105G_1987_1270 | 0 | 0.12 | 9.8 | 2.2 | 1.83 | 245 | 302 | 8 | 6.45 | 0.005 | 43 | 32.7 | 0.118 | 19 | 13.56 |
| 105G_1987_1271 | 1 | 0.08 | 13.4 | 4.4 | 0.48 | 232 | 278 | 7 | 6.61 | 0.005 | 67 | 54.6 | 0.169 | 18 | 17.71 |
| 105G_1987_1272 | 2 | 0.07 | 13.4 | 3.8 | 0.43 | 192 | 222 | 7 | 6.97 | 0.004 | 66 | 54.7 | 0.164 | 18 | 16.79 |
| 105G_1987_1273 | 0 | 0.09 | 12.2 | 8.4 | 0.40 | 755 | 855 | 4 | 4.11 | 0.006 | 37 | 33.9 | 0.114 | 14 | 12.94 |
| 105G_1987_1274 | 0 | 0.04 | 12.9 | 3.2 | 1.14 | 351 | 422 | <2 | 0.35 | 0.010 | 37 | 31.6 | 0.075 | 15 | 13.87 |
| 105G_1987_1275 | 0 | 0.12 | 17.7 | 4.9 | 0.57 | 173 | 220 | 15 | 15.48 | 0.005 | 68 | 61.6 | 0.114 | 16 | 13.84 |
| 105G_1987_1276 | 0 | 0.12 | 23.8 | 3.0 | 0.99 | 331 | 442 | <2 | 0.64 | 0.024 | 52 | 45.7 | 0.062 | 15 | 12.25 |
| 105G_1987_1277 | 0 | 0.22 | 11.3 | 2.2 | 0.69 | 298 | 398 | <2 | 0.84 | 0.064 | 22 | 21.5 | 0.048 | 29 | 28.23 |
| 105G_1987_1278 | 0 | 0.32 | 6.9 | 10.2 | 0.87 | 303 | 388 | 2 | 1.26 | 0.216 | 29 | 26.6 | 0.057 | 13 | 12.16 |
| 105G_1987_1279 | 0 | 0.29 | 14.3 | 4.0 | 1.29 | 317 | 406 | <2 | 0.53 | 0.142 | 43 | 40.5 | 0.062 | 14 | 12.75 |
| 105G_1987_1280 | 0 | 0.21 | 11.8 | 3.0 | 0.72 | 330 | 432 | <2 | 0.98 | 0.065 | 25 | 22.2 | 0.049 | 27 | 25.31 |
| 105G_1987_1282 | 0 | 0.05 | 10.6 | 2.4 | 1.07 | 260 | 335 | 3 | 1.02 | 0.078 | 34 | 33.2 | 0.068 | 13 | 12.67 |
| 105G_1987_1283 | 0 | 0.10 | 13.4 | 5.2 | 0.70 | 257 | 315 | <2 | 0.50 | 0.054 | 24 | 23.1 | 0.079 | 14 | 11.14 |
| 105G_1987_1284 | 0 | 0.07 | 9.6 | 20.4 | 0.52 | 85 | 100 | <2 | 0.46 | 0.014 | 19 | 19.4 | 0.112 | 12 | 12.76 |
| 105G_1987_1285 | 0 | 0.06 | 12.2 | 5.2 | 1.75 | 458 | 550 | <2 | 0.53 | 0.015 | 24 | 22.7 | 0.086 | 13 | 10.61 |
| 105G_1987_1286 | 0 | 0.06 | 7.3 | 29.4 | 0.58 | 82 | 94 | <2 | 0.51 | 0.018 | 18 | 18.2 | 0.101 | 9 | 8.59 |
| 105G_1987_1287 | 0 | 0.10 | 14.5 | 6.0 | 1.70 | 426 | 581 | <2 | 0.70 | 0.093 | 35 | 39.2 | 0.083 | 25 | 25.23 |
| 105G_1987_1288 | 0 | 0.42 | 14.1 | 7.4 | 1.73 | 334 | 435 | 3 | 1.11 | 0.165 | 30 | 32.3 | 0.088 | 23 | 20.06 |
| 105G_1987_1289 | 0 | 0.05 | 12.0 | 2.0 | 0.79 | 450 | 648 | 4 | 0.73 | 0.012 | 27 | 37.5 | 0.074 | 90 | 88.26 |
| 105G_1987_1290 | 0 | 0.28 | 11.7 | 8.4 | 1.87 | 349 | 442 | 3 | 0.87 | 0.177 | 48 | 44.7 | 0.086 | 45 | 44.53 |
| 105G_1987_1291 | 0 | 0.07 | 26.0 | 8.8 | 0.49 | 338 | 429 | <2 | 2.55 | 0.017 | 47 | 45.8 | 0.074 | 40 | 39.91 |
| 105G_1987_1292 | 0 | 0.40 | 13.4 | 4.4 | 1.20 | 269 | 365 | 2 | 1.68 | 0.123 | 37 | 36.8 | 0.089 | 14 | 14.63 |
| 105G_1987_1294 | 0 | 0.34 | 6.1 | 1.0 | 0.76 | 174 | 256 | 7 | 0.90 | 0.111 | 17 | 15.7 | 0.077 | 9 | 5.84 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1258 | 0 | 0.13 | 4.8 | 4.91 | 2.3 | 1.8 | 3 | 102.3 | 0.03 | 7.3 | 0.003 | 0.03 | 1.8 | 4.5 |
| 105G_1987_1259 | 0 | 0.11 | 3.5 | 3.96 | 2.3 | 1.0 | 5 | 116.1 | 0.03 | 8.9 | 0.002 | 0.02 | 1.2 | 3.5 |
| 105G_1987_1260 | 0 | 0.11 | 6.7 | 6.62 | 2.1 | 1.7 | 5 | 54.9 | 0.04 | 7.8 | 0.004 | 0.07 | 1.8 | 5.9 |
| 105G_1987_1262 | 0 | 0.12 | 3.0 | 3.10 | 2.2 | 1.3 | 8 | 95.5 | 0.05 | 12.5 | 0.001 | 0.04 | 1.4 | 4.0 |
| 105G_1987_1264 | 0 | 0.19 | 9.5 | 9.09 | 1.9 | 2.1 | 5 | 84.7 | 0.04 | 5.3 | 0.001 | 0.12 | 2.1 | 5.0 |
| 105G_1987_1265 | 0 | 0.18 | 8.9 | 8.80 | 1.7 | 3.6 | 2 | 51.0 | 0.06 | 4.4 | 0.002 | 0.14 | 2.2 | 5.5 |
| 105G_1987_1266 | 0 | 0.08 | 8.0 | 6.95 | 2.2 | 1.8 | 5 | 83.5 | 0.06 | 7.2 | 0.001 | 0.07 | 1.6 | 4.7 |
| 105G_1987_1267 | 0 | 0.08 | 3.0 | 3.93 | 1.4 | 1.4 | 5 | 51.6 | 0.05 | 4.2 | 0.002 | 0.10 | 1.6 | 4.2 |
| 105G_1987_1268 | 0 | 0.10 | 3.4 | 4.23 | 1.3 | 2.3 | 2 | 35.6 | 0.07 | 4.4 | 0.002 | 0.11 | 2.9 | 6.8 |
| 105G_1987_1269 | 0 | 0.11 | 2.0 | 2.37 | 2.2 | 1.9 | 8 | 46.5 | 0.06 | 2.0 | 0.002 | 0.30 | 1.1 | 5.0 |
| 105G_1987_1270 | 0 | 0.20 | 1.9 | 2.03 | 2.1 | 1.6 | 7 | 84.8 | 0.04 | 2.2 | 0.002 | 0.29 | 1.3 | 5.2 |
| 105G_1987_1271 | 1 | 0.12 | 3.6 | 3.59 | 1.7 | 1.9 | 3 | 52.5 | 0.06 | 3.8 | 0.004 | 0.21 | 1.9 | 5.7 |
| 105G_1987_1272 | 2 | 0.10 | 2.9 | 3.81 | 1.6 | 1.9 | 2 | 48.1 | 0.10 | 3.7 | 0.003 | 0.19 | 2.0 | 5.0 |
| 105G_1987_1273 | 0 | 0.11 | 1.5 | 2.09 | 1.8 | 1.9 | 2 | 42.3 | 0.04 | 3.3 | 0.004 | 0.20 | 1.7 | 4.7 |
| 105G_1987_1274 | 0 | 0.03 | 0.5 | 0.49 | 3.7 | 0.2 | 2 | 57.2 | <0.02 | 6.9 | 0.004 | 0.02 | 0.5 | 2.3 |
| 105G_1987_1275 | 0 | 0.08 | 3.7 | 3.62 | 3.6 | 1.5 | 8 | 92.5 | 0.05 | 4.0 | 0.003 | 0.46 | 2.7 | 9.3 |
| 105G_1987_1276 | 0 | 0.09 | 0.6 | 0.34 | 3.3 | 0.3 | 3 | 17.0 | <0.02 | 12.2 | 0.002 | 0.03 | 0.8 | 3.1 |
| 105G_1987_1277 | 0 | 0.05 | 0.7 | 0.47 | 2.1 | 0.3 | 7 | 76.3 | 0.03 | 8.0 | 0.036 | 0.27 | 6.8 | 10.4 |
| 105G_1987_1278 | 0 | 0.09 | 1.1 | 0.43 | 2.2 | 0.8 | 5 | 260.4 | 0.02 | 3.0 | 0.060 | 0.34 | 28.0 | 30.3 |
| 105G_1987_1279 | 0 | 0.03 | 0.6 | 0.59 | 4.4 | 0.3 | 2 | 91.5 | <0.02 | 9.2 | 0.062 | 0.19 | 1.4 | 4.0 |
| 105G_1987_1280 | 0 | 0.06 | 0.7 | 0.49 | 2.3 | 0.3 | 5 | 79.0 | <0.02 | 7.7 | 0.039 | 0.26 | 9.1 | 10.9 |
| 105G_1987_1282 | 0 | 0.07 | 0.9 | 0.86 | 3.4 | 0.3 | 12 | 235.4 | 0.03 | 9.2 | 0.009 | 0.05 | 0.6 | 2.4 |
| 105G_1987_1283 | 0 | 0.06 | 0.2 | 0.30 | 2.0 | 0.5 | 3 | 46.1 | <0.02 | 6.3 | 0.021 | 0.09 | 1.2 | 4.0 |
| 105G_1987_1284 | 0 | 0.27 | 0.3 | 0.49 | 2.4 | 2.6 | 4 | 43.2 | <0.02 | 1.8 | 0.008 | 0.06 | 1.5 | 3.2 |
| 105G_1987_1285 | 0 | 0.07 | 0.4 | 0.55 | 2.0 | 0.6 | 7 | 43.7 | 0.02 | 4.5 | 0.011 | 0.06 | 0.5 | 2.8 |
| 105G_1987_1286 | 0 | 0.95 | <0.2 | 0.32 | 1.9 | 2.8 | 5 | 57.3 | <0.02 | 2.1 | 0.008 | 0.07 | 1.5 | 2.6 |
| 105G_1987_1287 | 0 | 0.08 | 0.9 | 0.85 | 2.8 | 0.3 | 9 | 308.7 | 0.05 | 7.5 | 0.047 | 0.19 | 1.1 | 3.2 |
| 105G_1987_1288 | 0 | 0.05 | 0.6 | 0.33 | 3.5 | 0.6 | 4 | 287.8 | 0.04 | 7.5 | 0.088 | 0.46 | 32.7 | 33.8 |
| 105G_1987_1289 | 0 | 0.17 | 3.6 | 3.00 | 2.9 | 0.2 | 13 | 258.8 | 0.02 | 8.7 | 0.011 | 0.05 | 0.8 | 2.7 |
| 105G_1987_1290 | 0 | 0.07 | 1.1 | 1.67 | 4.0 | 0.5 | 9 | 375.1 | 0.04 | 7.1 | 0.095 | 0.47 | 1.7 | 3.9 |
| 105G_1987_1291 | 0 | 0.05 | 3.1 | 3.28 | 3.3 | 0.7 | 3 | 28.5 | <0.02 | 8.6 | 0.006 | 0.07 | 4.1 | 5.7 |
| 105G_1987_1292 | 0 | 0.01 | 1.0 | 1.05 | 4.2 | 0.4 | 3 | 134.4 | 0.04 | 7.2 | 0.102 | 0.32 | 3.4 | 5.7 |
| 105G_1987_1294 | 0 | 0.02 | 0.6 | 0.57 | 2.4 | 0.4 | 11 | 457.4 | 0.02 | 4.3 | 0.053 | 0.23 | 1.0 | 2.2 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1258 | 0 | 10 | 13 | 2 | <0.1 | 241 | 205.0 |
| 105G_1987_1259 | 0 | 7 | 8 | 2 | <0.1 | 130 | 113.7 |
| 105G_1987_1260 | 0 | 11 | 14 | 2 | 0.1 | 204 | 192.5 |
| 105G_1987_1262 | 0 | 11 | 14 | 2 | <0.1 | 204 | 193.8 |
| 105G_1987_1264 | 0 | 11 | 14 | 2 | <0.1 | 292 | 256.9 |
| 105G_1987_1265 | 0 | 16 | 21 | 2 | 0.1 | 339 | 336.6 |
| 105G_1987_1266 | 0 | 22 | 22 | 2 | <0.1 | 279 | 258.7 |
| 105G_1987_1267 | 0 | 10 | 13 | 2 | 0.1 | 223 | 198.9 |
| 105G_1987_1268 | 0 | 9 | 13 | 2 | <0.1 | 321 | 299.9 |
| 105G_1987_1269 | 0 | 18 | 22 | 2 | <0.1 | 273 | 247.0 |
| 105G_1987_1270 | 0 | 25 | 29 | 2 | <0.1 | 284 | 231.6 |
| 105G_1987_1271 | 1 | 18 | 22 | 2 | <0.1 | 276 | 252.6 |
| 105G_1987_1272 | 2 | 17 | 22 | 2 | <0.1 | 270 | 249.2 |
| 105G_1987_1273 | 0 | 14 | 21 | 2 | 0.1 | 197 | 188.8 |
| 105G_1987_1274 | 0 | 13 | 15 | 2 | <0.1 | 81 | 80.6 |
| 105G_1987_1275 | 0 | 31 | 37 | 2 | <0.1 | 368 | 357.4 |
| 105G_1987_1276 | 0 | 12 | 14 | 2 | <0.1 | 68 | 69.3 |
| 105G_1987_1277 | 0 | 19 | 18 | 24 | 8.2 | 75 | 75.3 |
| 105G_1987_1278 | 0 | 31 | 29 | 32 | 15.2 | 98 | 87.8 |
| 105G_1987_1279 | 0 | 33 | 28 | 2 | 1.7 | 77 | 75.1 |
| 105G_1987_1280 | 0 | 21 | 20 | 16 | 10.2 | 79 | 74.7 |
| 105G_1987_1282 | 0 | 19 | 15 | 2 | <0.1 | 59 | 60.0 |
| 105G_1987_1283 | 0 | 16 | 17 | 2 | 0.8 | 52 | 51.0 |
| 105G_1987_1284 | 0 | 12 | 13 | 2 | 0.1 | 122 | 116.9 |
| 105G_1987_1285 | 0 | 16 | 16 | 2 | 0.4 | 147 | 135.8 |
| 105G_1987_1286 | 0 | 12 | 14 | 2 | 0.1 | 139 | 127.9 |
| 105G_1987_1287 | 0 | 18 | 21 | 2 | 1.7 | 107 | 103.5 |
| 105G_1987_1288 | 0 | 51 | 45 | 16 | 2.5 | 100 | 88.9 |
| 105G_1987_1289 | 0 | 13 | 10 | 2 | 0.4 | 177 | 182.0 |
| 105G_1987_1290 | 0 | 60 | 52 | 8 | 2.9 | 179 | 170.8 |
| 105G_1987_1291 | 0 | 15 | 17 | 2 | <0.1 | 229 | 222.2 |
| 105G_1987_1292 | 0 | 45 | 42 | 8 | 4.0 | 101 | 100.7 |
| 105G_1987_1294 | 0 | 44 | 29 | 2 | 0.3 | 24 | 20.0 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1295 | 0 | <0.2 | 36 | 2.62 | 80 | 70.0 | <1 | 10.0 | | | 2 | 440 | 62.0 | 1.07 |
| 105G_1987_1296 | 0 | <0.2 | 228 | 0.34 | 25 | 27.9 | <1 | 10.0 | | | 3 | 3980 | 1401.3 | 0.16 |
| 105G_1987_1297 | 0 | 0.3 | 299 | 0.28 | 16 | 18.6 | <1 | 10.0 | | | 3 | 2080 | 525.6 | 0.13 |
| 105G_1987_1298 | 0 | <0.2 | 56 | 0.81 | 7 | 7.4 | <1 | 10.0 | | | 1 | 1520 | 192.5 | 0.18 |
| 105G_1987_1299 | 1 | <0.2 | 81 | 1.16 | 65 | 61.5 | <1 | 10.0 | 5 | 10.0 | 3 | 746 | 68.7 | 0.31 |
| 105G_1987_1300 | 2 | <0.2 | 67 | 1.02 | 100 | 98.2 | <1 | 10.0 | <1 | 10.0 | 3 | 810 | 62.6 | 0.26 |
| 105G_1987_1302 | 0 | <0.2 | 63 | 1.14 | 35 | 36.1 | <1 | 10.0 | | | 2 | 575 | 65.7 | 0.37 |
| 105G_1987_1303 | 0 | <0.2 | 105 | 1.34 | 50 | 50.4 | <1 | 10.0 | | | 3 | 1000 | 253.8 | 0.48 |
| 105G_1987_1304 | 0 | <0.2 | 31 | 1.34 | 35 | 29.3 | <1 | 10.0 | | | 1 | 381 | 89.7 | 0.13 |
| 105G_1987_1305 | 0 | <0.2 | 104 | 1.86 | 25 | 25.1 | <1 | 10.0 | | | <1 | 504 | 84.7 | 0.95 |
| 105G_1987_1306 | 0 | <0.2 | 248 | 1.21 | 190 | 187.3 | <1 | 10.0 | | | 2 | 1090 | 84.0 | 0.51 |
| 105G_1987_1308 | 0 | 1.5 | 1525 | 1.03 | 90 | 88.0 | <1 | 10.0 | | | 2 | 557 | 84.6 | 2.04 |
| 105G_1987_1309 | 0 | <0.2 | 70 | 0.84 | 19 | 19.1 | <1 | 10.0 | | | 1 | 356 | 25.6 | 2.94 |
| 105G_1987_1310 | 0 | 0.2 | 137 | 1.19 | 100 | 119.9 | <1 | 10.0 | | | 1 | 572 | 53.5 | 3.37 |
| 105G_1987_1311 | 0 | 0.8 | 651 | 1.43 | 45 | 72.1 | 22 | 10.0 | 5 | 10.0 | 2 | 506 | 45.1 | 4.16 |
| 105G_1987_1312 | 0 | 0.2 | 106 | 0.73 | 3 | 6.7 | <1 | 10.0 | | | 1 | 338 | 21.4 | 1.26 |
| 105G_1987_1313 | 0 | 0.3 | 170 | 2.31 | 180 | 179.8 | <1 | 10.0 | | | 1 | 541 | 71.5 | 2.70 |
| 105G_1987_1314 | 0 | 0.5 | 468 | 2.32 | 17 | 22.5 | <1 | 10.0 | | | 2 | 579 | 100.0 | 2.31 |
| 105G_1987_1315 | 1 | 0.5 | 512 | 0.35 | 19 | 20.7 | <1 | 10.0 | | | 1 | 1683 | 245.2 | 0.22 |
| 105G_1987_1316 | 2 | 0.7 | 517 | 0.40 | 20 | 20.7 | <1 | 10.0 | | | 2 | 1773 | 250.4 | 0.22 |
| 105G_1987_1317 | 0 | 0.3 | 280 | 0.32 | 18 | 16.1 | <1 | 10.0 | | | 2 | 1313 | 178.4 | 0.16 |
| 105G_1987_1318 | 0 | 0.2 | 254 | 0.61 | 2 | 2.3 | <1 | 10.0 | | | 2 | 973 | 110.4 | 0.18 |
| 105G_1987_1319 | 0 | <0.2 | 147 | 1.05 | 4 | 3.3 | <1 | 10.0 | | | 1 | 501 | 41.2 | 1.47 |
| 105G_1987_1320 | 0 | 0.4 | 432 | 0.20 | 20 | 24.0 | <1 | 10.0 | | | 2 | 1953 | 221.8 | 0.15 |
| 105G_1987_1322 | 0 | 0.6 | 607 | 0.24 | 30 | 30.5 | <1 | 10.0 | | | 3 | 1479 | 238.9 | 0.21 |
| 105G_1987_1323 | 0 | 0.2 | 208 | 0.95 | 13 | 14.7 | <1 | 10.0 | | | 4 | 2401 | 417.1 | 0.20 |
| 105G_1987_1324 | 0 | 0.4 | 168 | 0.32 | 10 | 8.9 | <1 | 10.0 | | | 2 | 1496 | 430.8 | 0.12 |
| 105G_1987_1325 | 0 | 0.2 | 58 | 0.64 | 10 | 9.7 | <1 | 10.0 | | | 3 | 441 | 62.5 | 0.26 |
| 105G_1987_1326 | 0 | <0.2 | 94 | 1.31 | 25 | 35.8 | 35 | 10.0 | 3 | 1.0 | 4 | 592 | 193.3 | 0.13 |
| 105G_1987_1327 | 0 | <0.2 | 66 | 1.33 | 12 | 13.4 | <1 | 10.0 | | | 2 | 531 | 104.1 | 0.27 |
| 105G_1987_1328 | 0 | <0.2 | 152 | 1.07 | 75 | 89.7 | <1 | 10.0 | | | <1 | 760 | 51.2 | 0.96 |
| 105G_1987_1329 | 0 | 0.2 | 263 | 1.13 | 400 | 375.8 | 28 | 10.0 | 7 | 10.0 | <1 | 1114 | 114.8 | 0.79 |
| 105G_1987_1330 | 0 | <0.2 | 173 | 1.25 | 70 | 119.2 | <1 | 10.0 | | | 1 | 948 | 89.7 | 0.48 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1295 | 0 | 2.64 | <0.2 | 0.14 | 14 | 14.9 | 29.6 | 22 | 21.75 | 760 | 3.81 | 3.46 | 7.2 | 15 | 8 |
| 105G_1987_1296 | 0 | 3.38 | 2.1 | 2.00 | 10 | 10.0 | 7.5 | 23 | 24.17 | 875 | 2.10 | 2.00 | 0.8 | 85 | 76 |
| 105G_1987_1297 | 0 | 4.34 | 2.5 | 2.48 | 7 | 8.3 | 7.9 | 22 | 23.08 | 1060 | 1.96 | 1.74 | 0.6 | 130 | 113 |
| 105G_1987_1298 | 0 | 2.10 | <0.2 | 0.33 | 14 | 15.0 | 13.9 | 21 | 21.88 | 400 | 3.27 | 3.38 | 2.4 | 50 | 44 |
| 105G_1987_1299 | 1 | 0.77 | <0.2 | 0.35 | 11 | 11.1 | 25.5 | 18 | 18.63 | 505 | 2.40 | 2.24 | 4.0 | 25 | 41 |
| 105G_1987_1300 | 2 | 0.71 | <0.2 | 0.28 | 9 | 9.7 | 22.3 | 15 | 15.81 | 525 | 2.46 | 2.17 | 3.5 | 25 | 33 |
| 105G_1987_1302 | 0 | 0.49 | <0.2 | 0.23 | 9 | 10.9 | 33.3 | 15 | 15.12 | 500 | 2.45 | 2.10 | 4.2 | 10 | 6 |
| 105G_1987_1303 | 0 | 1.45 | 0.4 | 0.75 | 13 | 14.7 | 36.3 | 31 | 35.74 | 460 | 2.97 | 2.81 | 4.8 | 25 | 41 |
| 105G_1987_1304 | 0 | 0.58 | <0.2 | 0.26 | 12 | 14.4 | 43.2 | 21 | 27.13 | 510 | 2.61 | 2.47 | 4.5 | 10 | <5 |
| 105G_1987_1305 | 0 | 0.59 | <0.2 | 0.25 | 12 | 13.8 | 45.5 | 20 | 21.39 | 575 | 2.88 | 2.69 | 6.6 | 20 | 17 |
| 105G_1987_1306 | 0 | 0.52 | 1.7 | 1.85 | 10 | 11.7 | 18.4 | 21 | 23.21 | 705 | 2.91 | 2.76 | 4.2 | 20 | 16 |
| 105G_1987_1308 | 0 | 0.40 | 0.2 | 0.37 | 6 | 6.2 | 17.5 | 8 | 7.81 | 795 | 2.08 | 1.77 | 3.6 | 20 | 19 |
| 105G_1987_1309 | 0 | 0.26 | <0.2 | 0.04 | <2 | 1.6 | 3.4 | 2 | 1.53 | 520 | 0.87 | 0.75 | 3.5 | 20 | 9 |
| 105G_1987_1310 | 0 | 0.43 | <0.2 | 0.33 | 8 | 7.8 | 15.3 | 17 | 16.50 | 1030 | 2.48 | 2.13 | 4.9 | 25 | 10 |
| 105G_1987_1311 | 0 | 0.52 | <0.2 | 0.18 | 5 | 6.2 | 13.4 | 10 | 10.55 | 780 | 2.24 | 1.85 | 5.7 | 15 | 29 |
| 105G_1987_1312 | 0 | 0.24 | <0.2 | 0.22 | 2 | 3.0 | 5.1 | 5 | 4.71 | 455 | 1.42 | 1.17 | 3.2 | 15 | 9 |
| 105G_1987_1313 | 0 | 0.45 | <0.2 | 0.27 | 16 | 18.6 | 71.6 | 34 | 35.21 | 750 | 3.91 | 3.76 | 8.6 | 25 | 12 |
| 105G_1987_1314 | 0 | 0.29 | <0.2 | 0.23 | 7 | 7.9 | 25.9 | 20 | 20.16 | 610 | 2.60 | 2.16 | 7.3 | 30 | 31 |
| 105G_1987_1315 | 1 | 2.07 | 2.5 | 2.44 | 10 | 10.3 | 6.5 | 32 | 34.39 | 815 | 2.24 | 2.10 | 0.8 | 25 | 29 |
| 105G_1987_1316 | 2 | 2.29 | 2.6 | 2.63 | 9 | 11.3 | 6.9 | 34 | 37.47 | 855 | 2.27 | 2.19 | 0.9 | 30 | 32 |
| 105G_1987_1317 | 0 | 3.41 | 2.3 | 2.24 | 7 | 7.4 | 8.0 | 20 | 19.48 | 950 | 2.49 | 2.34 | 0.9 | 40 | 46 |
| 105G_1987_1318 | 0 | 0.29 | 2.3 | 2.12 | 2 | 2.5 | 8.4 | 15 | 16.21 | 755 | 0.88 | 0.75 | 1.5 | 50 | 47 |
| 105G_1987_1319 | 0 | 0.40 | 0.4 | 0.57 | 7 | 7.6 | 12.8 | 16 | 15.13 | 530 | 2.65 | 2.15 | 4.1 | 30 | 23 |
| 105G_1987_1320 | 0 | 3.54 | 2.3 | 2.29 | 8 | 9.0 | 5.1 | 27 | 27.96 | 810 | 2.27 | 2.08 | 0.5 | 35 | 40 |
| 105G_1987_1322 | 0 | 3.55 | 3.4 | 3.41 | 10 | 11.5 | 6.8 | 32 | 34.44 | 1210 | 2.55 | 2.52 | 0.5 | 55 | 59 |
| 105G_1987_1323 | 0 | 1.50 | 1.3 | 1.41 | 14 | 14.2 | 15.2 | 28 | 29.10 | 960 | 3.28 | 2.96 | 2.6 | 60 | 68 |
| 105G_1987_1324 | 0 | 5.27 | 1.6 | 1.76 | 6 | 6.1 | 7.4 | 16 | 15.90 | 810 | 1.80 | 1.51 | 0.7 | 50 | 38 |
| 105G_1987_1325 | 0 | 0.41 | <0.2 | 0.13 | 8 | 9.5 | 74.7 | 10 | 10.75 | 490 | 1.65 | 1.51 | 2.5 | 15 | 5 |
| 105G_1987_1326 | 0 | 0.79 | 0.2 | 0.53 | 24 | 25.0 | 205.5 | 28 | 27.17 | 300 | 3.76 | 3.63 | 3.2 | 50 | 55 |
| 105G_1987_1327 | 0 | 0.44 | <0.2 | 0.23 | 18 | 20.6 | 123.9 | 25 | 26.53 | 490 | 3.30 | 3.27 | 4.6 | 15 | 19 |
| 105G_1987_1328 | 0 | 0.43 | 1.2 | 1.14 | 9 | 9.2 | 20.9 | 15 | 15.07 | 710 | 2.73 | 2.41 | 3.7 | 20 | 16 |
| 105G_1987_1329 | 0 | 0.58 | 2.4 | 2.55 | 12 | 13.7 | 27.7 | 25 | 26.34 | 920 | 3.87 | 3.65 | 3.9 | 25 | 27 |
| 105G_1987_1330 | 0 | 0.65 | 0.4 | 0.69 | 12 | 11.7 | 26.3 | 21 | 21.24 | 965 | 3.26 | 2.82 | 4.1 | 25 | 29 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1295 | 0 | 0.20 | 13.6 | 5.0 | 1.10 | 392 | 497 | <2 | 0.34 | 0.106 | 29 | 27.2 | 0.070 | 20 | 17.38 |
| 105G_1987_1296 | 0 | 0.06 | 9.7 | 8.0 | 1.57 | 228 | 302 | 8 | 9.01 | 0.005 | 58 | 52.6 | 0.119 | 17 | 14.69 |
| 105G_1987_1297 | 0 | 0.05 | 10.3 | 3.6 | 1.95 | 148 | 194 | 13 | 12.50 | 0.005 | 55 | 50.9 | 0.120 | 16 | 13.03 |
| 105G_1987_1298 | 0 | 0.04 | 6.1 | 3.8 | 0.78 | 311 | 382 | 3 | 2.40 | 0.007 | 31 | 28.6 | 0.100 | 18 | 15.66 |
| 105G_1987_1299 | 1 | 0.10 | 22.1 | 12.8 | 0.63 | 184 | 244 | <2 | 0.27 | 0.009 | 19 | 19.1 | 0.115 | 16 | 14.30 |
| 105G_1987_1300 | 2 | 0.09 | 20.4 | 10.2 | 0.57 | 230 | 291 | <2 | 0.22 | 0.008 | 17 | 17.0 | 0.130 | 13 | 12.40 |
| 105G_1987_1302 | 0 | 0.18 | 15.1 | 3.2 | 0.74 | 259 | 333 | <2 | 0.60 | 0.009 | 20 | 20.1 | 0.128 | 12 | 11.97 |
| 105G_1987_1303 | 0 | 0.16 | 16.0 | 23.4 | 0.83 | 3400 | 3067 | <2 | 1.40 | 0.011 | 28 | 30.8 | 0.079 | 21 | 19.01 |
| 105G_1987_1304 | 0 | 0.31 | 12.8 | 1.2 | 0.97 | 237 | 325 | <2 | 0.47 | 0.010 | 27 | 26.8 | 0.153 | 9 | 8.62 |
| 105G_1987_1305 | 0 | 0.20 | 21.9 | 6.2 | 1.02 | 332 | 461 | <2 | 1.38 | 0.011 | 24 | 24.2 | 0.107 | 14 | 17.41 |
| 105G_1987_1306 | 0 | 0.29 | 31.1 | 4.8 | 0.66 | 311 | 429 | <2 | 1.41 | 0.005 | 18 | 18.5 | 0.128 | 111 | 108.48 |
| 105G_1987_1308 | 0 | 0.13 | 22.4 | 4.4 | 0.43 | 376 | 466 | <2 | 1.28 | 0.006 | 10 | 10.3 | 0.080 | 33 | 32.62 |
| 105G_1987_1309 | 0 | 0.09 | 14.1 | 3.1 | 0.15 | 207 | 287 | <2 | 0.90 | 0.009 | 2 | 1.4 | 0.059 | 20 | 20.45 |
| 105G_1987_1310 | 0 | 0.13 | 33.5 | 3.8 | 0.48 | 553 | 713 | <2 | 0.96 | 0.008 | 12 | 11.1 | 0.087 | 56 | 51.78 |
| 105G_1987_1311 | 0 | 0.13 | 40.5 | 8.0 | 0.38 | 361 | 461 | <2 | 0.98 | 0.011 | 10 | 11.2 | 0.079 | 50 | 52.35 |
| 105G_1987_1312 | 0 | 0.09 | 21.9 | 2.4 | 0.15 | 231 | 307 | <2 | 0.58 | 0.006 | 3 | 3.8 | 0.101 | 16 | 16.15 |
| 105G_1987_1313 | 0 | 0.12 | 24.6 | 6.8 | 1.37 | 398 | 565 | 2 | 2.08 | 0.014 | 50 | 47.8 | 0.093 | 30 | 29.04 |
| 105G_1987_1314 | 0 | 0.20 | 99.4 | 11.8 | 0.54 | 230 | 293 | 3 | 3.19 | 0.012 | 15 | 15.1 | 0.068 | 28 | 23.98 |
| 105G_1987_1315 | 1 | 0.05 | 11.7 | 4.0 | 1.21 | 164 | 206 | 7 | 7.05 | 0.003 | 56 | 53.3 | 0.099 | 19 | 19.02 |
| 105G_1987_1316 | 2 | 0.08 | 12.9 | 4.0 | 1.34 | 179 | 229 | 7 | 7.27 | 0.005 | 62 | 58.4 | 0.094 | 19 | 19.77 |
| 105G_1987_1317 | 0 | 0.05 | 11.3 | 5.0 | 1.96 | 291 | 357 | 8 | 6.81 | 0.005 | 47 | 42.4 | 0.098 | 12 | 11.07 |
| 105G_1987_1318 | 0 | 0.06 | 38.6 | 14.9 | 0.13 | 51 | 55 | <2 | 1.49 | 0.009 | 20 | 19.4 | 0.077 | 8 | 8.32 |
| 105G_1987_1319 | 0 | 0.08 | 82.9 | 7.6 | 0.29 | 328 | 375 | <2 | 0.76 | 0.008 | 15 | 13.8 | 0.125 | 16 | 15.19 |
| 105G_1987_1320 | 0 | 0.04 | 7.8 | 2.4 | 1.84 | 229 | 294 | 10 | 7.79 | 0.004 | 52 | 49.1 | 0.090 | 24 | 26.68 |
| 105G_1987_1322 | 0 | 0.05 | 7.9 | 5.2 | 2.08 | 278 | 364 | 14 | 12.27 | 0.004 | 81 | 77.7 | 0.091 | 75 | 75.02 |
| 105G_1987_1323 | 0 | 0.13 | 16.4 | 4.2 | 0.95 | 310 | 385 | 14 | 12.59 | 0.009 | 56 | 50.4 | 0.117 | 20 | 19.36 |
| 105G_1987_1324 | 0 | 0.04 | 9.4 | 5.6 | 2.39 | 174 | 234 | 4 | 2.45 | 0.005 | 33 | 30.1 | 0.086 | 20 | 17.44 |
| 105G_1987_1325 | 0 | 0.06 | 17.2 | 1.6 | 0.80 | 190 | 252 | <2 | 0.27 | 0.008 | 85 | 82.5 | 0.128 | 7 | 9.08 |
| 105G_1987_1326 | 0 | 0.05 | 11.6 | 17.6 | 1.37 | 1570 | 1536 | <2 | 0.59 | 0.011 | 274 | 245.5 | 0.104 | 5 | 6.14 |
| 105G_1987_1327 | 0 | 0.06 | 21.0 | 4.6 | 1.40 | 400 | 558 | <2 | 0.47 | 0.006 | 144 | 142.2 | 0.117 | 14 | 13.57 |
| 105G_1987_1328 | 0 | 0.09 | 38.5 | 3.2 | 0.56 | 300 | 384 | <2 | 0.85 | 0.005 | 19 | 16.5 | 0.139 | 40 | 40.27 |
| 105G_1987_1329 | 0 | 0.15 | 51.9 | 7.0 | 0.60 | 1658 | 1692 | 2 | 1.61 | 0.005 | 33 | 32.6 | 0.142 | 50 | 53.87 |
| 105G_1987_1330 | 0 | 0.18 | 29.1 | 10.2 | 0.68 | 518 | 638 | <2 | 1.31 | 0.006 | 18 | 17.0 | 0.114 | 35 | 35.55 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_1295 | 0 | 0.05 | 3.4 | 3.11 | 5.1 | 0.3 | 5 | 129.6 | 0.03 | 8.1 | 0.040 | 0.14 | 1.4 | 3.7 | |
| 105G_1987_1296 | 0 | 0.08 | 3.2 | 4.27 | 2.5 | 0.9 | 10 | 74.4 | 0.06 | 2.4 | 0.004 | 0.28 | 1.8 | 5.8 | |
| 105G_1987_1297 | 0 | 0.04 | 3.4 | 4.20 | 2.0 | 0.9 | 11 | 87.8 | 0.03 | 2.8 | 0.004 | 0.19 | 2.0 | 5.5 | |
| 105G_1987_1298 | 0 | 0.08 | 1.3 | 1.30 | 4.7 | 0.3 | 8 | 83.3 | <0.02 | 5.7 | 0.002 | 0.05 | 0.9 | 2.9 | |
| 105G_1987_1299 | 1 | 0.18 | 0.2 | 0.07 | 2.8 | 0.7 | 4 | 49.6 | <0.02 | 5.5 | 0.031 | 0.13 | 1.8 | 3.9 | |
| 105G_1987_1300 | 2 | 0.16 | 0.2 | 0.06 | 2.5 | 0.5 | 4 | 46.1 | <0.02 | 5.1 | 0.029 | 0.11 | 1.3 | 3.3 | |
| 105G_1987_1302 | 0 | 0.03 | <0.2 | 0.07 | 2.8 | 0.4 | 2 | 23.8 | <0.02 | 4.7 | 0.069 | 0.15 | 8.4 | 10.4 | |
| 105G_1987_1303 | 0 | 0.12 | <0.2 | 0.14 | 2.7 | 1.9 | 7 | 57.8 | 0.02 | 2.8 | 0.040 | 0.20 | 2.9 | 4.6 | |
| 105G_1987_1304 | 0 | 0.01 | 0.2 | 0.09 | 2.9 | 0.2 | 2 | 26.4 | <0.02 | 4.8 | 0.092 | 0.19 | 1.0 | 3.7 | |
| 105G_1987_1305 | 0 | 0.02 | <0.2 | 0.11 | 3.9 | 0.5 | 2 | 35.1 | <0.02 | 5.8 | 0.090 | 0.22 | 35.6 | 38.1 | |
| 105G_1987_1306 | 0 | 0.02 | 0.3 | 0.11 | 2.9 | 0.8 | 3 | 24.1 | 0.02 | 11.7 | 0.055 | 0.27 | 10.1 | 11.5 | |
| 105G_1987_1308 | 0 | 0.02 | 0.2 | 0.17 | 1.9 | 0.5 | 3 | 28.8 | 0.02 | 6.1 | 0.021 | 0.19 | 22.9 | 25.3 | |
| 105G_1987_1309 | 0 | <0.01 | 0.2 | 0.06 | 0.7 | 0.1 | 2 | 15.4 | <0.02 | 3.0 | 0.009 | 0.20 | 50.4 | 45.6 | |
| 105G_1987_1310 | 0 | <0.01 | 0.6 | 0.18 | 2.4 | 0.3 | 2 | 26.1 | <0.02 | 13.2 | 0.017 | 0.17 | 25.2 | 28.1 | |
| 105G_1987_1311 | 0 | 0.01 | 0.5 | 0.24 | 1.9 | 0.8 | 3 | 38.7 | 0.03 | 6.7 | 0.011 | 0.21 | 157.7 | 151.0 | |
| 105G_1987_1312 | 0 | <0.01 | <0.2 | 0.05 | 1.1 | 0.2 | 2 | 4.9 | <0.02 | 9.8 | 0.011 | 0.12 | 24.6 | 26.4 | |
| 105G_1987_1313 | 0 | 0.02 | 0.7 | 0.21 | 4.7 | 0.2 | 3 | 26.6 | <0.02 | 4.5 | 0.068 | 0.19 | 13.7 | 14.7 | |
| 105G_1987_1314 | 0 | 0.02 | 0.2 | 0.10 | 3.4 | 0.4 | 3 | 14.6 | <0.02 | 13.3 | 0.046 | 0.25 | 226.7 | 236.0 | |
| 105G_1987_1315 | 1 | 0.04 | 3.1 | 3.54 | 1.7 | 1.2 | 3 | 35.4 | 0.04 | 4.1 | 0.003 | 0.15 | 2.8 | 4.9 | |
| 105G_1987_1316 | 2 | 0.03 | 3.0 | 3.34 | 1.8 | 1.4 | 6 | 38.7 | 0.06 | 4.2 | 0.003 | 0.17 | 1.6 | 4.5 | |
| 105G_1987_1317 | 0 | 0.04 | 2.6 | 3.00 | 1.6 | 0.9 | 7 | 52.3 | 0.04 | 3.7 | 0.004 | 0.13 | 1.7 | 4.5 | |
| 105G_1987_1318 | 0 | 0.09 | 0.9 | 1.05 | 1.2 | 1.3 | <1 | 13.5 | 0.02 | 2.0 | 0.006 | 0.15 | 11.1 | 12.9 | |
| 105G_1987_1319 | 0 | 0.03 | 0.2 | 0.12 | 1.7 | 0.4 | 3 | 11.2 | 0.02 | 13.2 | 0.009 | 0.15 | 34.0 | 34.7 | |
| 105G_1987_1320 | 0 | 0.15 | 2.0 | 4.28 | 1.6 | 1.4 | 5 | 56.7 | 0.05 | 3.1 | 0.002 | 0.10 | 1.7 | 4.5 | |
| 105G_1987_1322 | 0 | 0.08 | 2.0 | 6.09 | 1.9 | 1.6 | 7 | 74.6 | 0.06 | 3.3 | 0.003 | 0.20 | 1.8 | 4.6 | |
| 105G_1987_1323 | 0 | 0.07 | 2.0 | 3.14 | 4.1 | 0.9 | 3 | 63.6 | 0.02 | 4.3 | 0.003 | 0.25 | 2.4 | 7.1 | |
| 105G_1987_1324 | 0 | 0.05 | 2.0 | 2.52 | 1.6 | 0.9 | 10 | 39.0 | 0.03 | 1.6 | 0.004 | 0.19 | 1.3 | 3.3 | |
| 105G_1987_1325 | 0 | 0.04 | 0.7 | 0.71 | 1.8 | 0.1 | 1 | 19.6 | 0.02 | 6.4 | 0.022 | 0.06 | 1.0 | 2.6 | |
| 105G_1987_1326 | 0 | 0.10 | 1.8 | 2.64 | 4.6 | 1.5 | 2 | 51.2 | 0.02 | 1.6 | 0.020 | 0.07 | 0.9 | 2.0 | |
| 105G_1987_1327 | 0 | 0.06 | 0.8 | 0.82 | 3.7 | 0.3 | <1 | 23.0 | 0.03 | 5.4 | 0.021 | 0.06 | 1.0 | 2.7 | |
| 105G_1987_1328 | 0 | 0.05 | 0.5 | 0.18 | 2.5 | 0.2 | 2 | 24.9 | 0.03 | 13.7 | 0.014 | 0.09 | 9.1 | 14.3 | |
| 105G_1987_1329 | 0 | 0.10 | 0.9 | 0.38 | 3.4 | 0.9 | 1 | 40.5 | 0.02 | 15.7 | 0.009 | 0.12 | 8.6 | 12.6 | |
| 105G_1987_1330 | 0 | 0.09 | 0.4 | 0.25 | 3.1 | 0.8 | 2 | 37.3 | <0.02 | 7.4 | 0.019 | 0.12 | 7.9 | 11.3 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1295 | 0 | 26 | 24 | 2 | 1.4 | 84 | 85.3 |
| 105G_1987_1296 | 0 | 29 | 26 | 2 | <0.1 | 254 | 237.4 |
| 105G_1987_1297 | 0 | 39 | 35 | 2 | 0.2 | 249 | 234.0 |
| 105G_1987_1298 | 0 | 15 | 14 | 2 | <0.1 | 102 | 109.8 |
| 105G_1987_1299 | 1 | 25 | 26 | 2 | 0.7 | 110 | 112.4 |
| 105G_1987_1300 | 2 | 26 | 23 | 2 | 0.5 | 92 | 98.8 |
| 105G_1987_1302 | 0 | 39 | 34 | 10 | 1.0 | 65 | 68.4 |
| 105G_1987_1303 | 0 | 43 | 41 | 8 | 1.3 | 101 | 103.1 |
| 105G_1987_1304 | 0 | 46 | 42 | 2 | 0.7 | 56 | 60.4 |
| 105G_1987_1305 | 0 | 52 | 46 | 16 | 6.9 | 104 | 97.7 |
| 105G_1987_1306 | 0 | 40 | 37 | 4 | 0.2 | 148 | 160.7 |
| 105G_1987_1308 | 0 | 19 | 21 | 10 | 3.8 | 77 | 80.3 |
| 105G_1987_1309 | 0 | 5 | 8 | 24 | 1.3 | 30 | 35.2 |
| 105G_1987_1310 | 0 | 18 | 19 | 8 | 0.8 | 134 | 135.2 |
| 105G_1987_1311 | 0 | 15 | 18 | 12 | 11.2 | 80 | 84.3 |
| 105G_1987_1312 | 0 | 5 | 9 | 6 | 1.3 | 56 | 61.4 |
| 105G_1987_1313 | 0 | 61 | 62 | 8 | 4.4 | 120 | 119.6 |
| 105G_1987_1314 | 0 | 33 | 32 | 8 | 4.4 | 129 | 120.7 |
| 105G_1987_1315 | 1 | 17 | 20 | 2 | <0.1 | 312 | 301.3 |
| 105G_1987_1316 | 2 | 18 | 21 | 2 | 0.2 | 313 | 311.0 |
| 105G_1987_1317 | 0 | 27 | 27 | 2 | 0.5 | 183 | 174.3 |
| 105G_1987_1318 | 0 | 13 | 20 | 2 | 0.3 | 100 | 99.3 |
| 105G_1987_1319 | 0 | 15 | 17 | 24 | 13.2 | 81 | 75.4 |
| 105G_1987_1320 | 0 | 17 | 20 | 2 | 0.1 | 297 | 276.7 |
| 105G_1987_1322 | 0 | 28 | 27 | 2 | 0.2 | 526 | 500.5 |
| 105G_1987_1323 | 0 | 32 | 34 | 2 | <0.1 | 253 | 244.3 |
| 105G_1987_1324 | 0 | 13 | 15 | 2 | <0.1 | 150 | 144.8 |
| 105G_1987_1325 | 0 | 15 | 19 | 2 | 1.2 | 36 | 40.4 |
| 105G_1987_1326 | 0 | 45 | 48 | 2 | 1.1 | 85 | 78.8 |
| 105G_1987_1327 | 0 | 35 | 40 | 2 | 0.7 | 74 | 80.0 |
| 105G_1987_1328 | 0 | 23 | 24 | 18 | 5.5 | 155 | 153.0 |
| 105G_1987_1329 | 0 | 27 | 27 | 8 | 1.2 | 255 | 257.0 |
| 105G_1987_1330 | 0 | 37 | 37 | 2 | 0.9 | 145 | 147.8 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1331 | 0 | <0.2 | 146 | 1.48 | 95 | 100.4 | <1 | 10.0 | | | <1 | 1314 | 165.1 | 1.18 |
| 105G_1987_1332 | 0 | <0.2 | 89 | 1.12 | 5 | 5.1 | <1 | 10.0 | | | <1 | 470 | 30.4 | 1.59 |
| 105G_1987_1333 | 1 | <0.2 | 423 | 1.62 | 250 | 236.4 | 3 | 10.0 | | | 2 | 489 | 58.1 | 8.71 |
| 105G_1987_1335 | 2 | 0.2 | 476 | 1.72 | 300 | 284.8 | 2 | 10.0 | | | 2 | 601 | 64.1 | 4.22 |
| 105G_1987_1336 | 0 | <0.2 | 298 | 2.12 | 85 | 96.8 | 6 | 10.0 | 14 | 10.0 | 1 | 1096 | 195.7 | 4.31 |
| 105G_1987_1337 | 0 | <0.2 | 244 | 2.08 | 70 | 72.4 | 2 | 10.0 | | | 2 | 1009 | 159.8 | 3.83 |
| 105G_1987_1338 | 0 | 0.2 | 454 | 1.12 | 160 | 155.9 | 3 | 10.0 | | | 6 | 657 | 63.6 | 0.50 |
| 105G_1987_1339 | 0 | <0.2 | 66 | 0.98 | 45 | 53.6 | <1 | 10.0 | | | <1 | 912 | 119.3 | 0.24 |
| 105G_1987_1340 | 0 | <0.2 | 86 | 1.69 | 60 | 54.3 | <1 | 10.0 | | | 1 | 905 | 53.6 | 0.56 |
| 105G_1987_1342 | 0 | <0.2 | 142 | 1.26 | 16 | 15.8 | <1 | 10.0 | | | 2 | 915 | 140.8 | 0.45 |
| 105G_1987_1343 | 0 | <0.2 | 160 | 0.72 | 135 | 126.3 | <1 | 10.0 | | | 1 | 1014 | 227.9 | 0.19 |
| 105G_1987_1344 | 0 | 0.4 | 486 | 0.82 | 170 | 186.5 | 10 | 10.0 | 14 | 10.0 | 1 | 1210 | 168.2 | 0.20 |
| 105G_1987_1345 | 0 | 0.7 | 616 | 1.07 | 170 | 172.3 | 47 | 10.0 | 61 | 2.5 | 5 | 1240 | 336.8 | 0.24 |
| 105G_1987_1346 | 0 | <0.2 | 88 | 1.62 | 8 | 9.7 | <1 | 10.0 | | | 1 | 760 | 113.0 | 0.26 |
| 105G_1987_1347 | 0 | <0.2 | 106 | 1.62 | 11 | 10.5 | 36 | 10.0 | 53 | 10.0 | 1 | 745 | 113.5 | 0.34 |
| 105G_1987_1348 | 0 | 0.2 | 274 | 1.23 | 45 | 67.0 | 56 | 10.0 | 80 | 5.0 | 1 | 1630 | 154.9 | 0.23 |
| 105G_1987_1349 | 1 | <0.2 | 89 | 0.86 | 7 | 7.2 | 45 | 10.0 | 39 | 10.0 | <1 | 877 | 246.8 | 0.70 |
| 105G_1987_1350 | 2 | <0.2 | 107 | 0.85 | 8 | 7.5 | 20 | 10.0 | 24 | 5.0 | <1 | 908 | 239.6 | 0.74 |
| 105G_1987_1351 | 0 | <0.2 | 117 | 1.34 | 13 | 11.3 | <1 | 10.0 | | | 1 | 1340 | 153.5 | 0.26 |
| 105G_1987_1352 | 0 | <0.2 | 66 | 1.00 | 65 | 58.6 | <1 | 10.0 | | | <1 | 594 | 50.6 | 0.43 |
| 105G_1987_1354 | 0 | <0.2 | 67 | 1.18 | 15 | 16.0 | <1 | 10.0 | | | <1 | 589 | 41.5 | 0.31 |
| 105G_1987_1355 | 0 | <0.2 | 141 | 1.63 | 50 | 57.4 | <1 | 10.0 | | | 1 | 1130 | 108.3 | 0.34 |
| 105G_1987_1356 | 0 | <0.2 | 94 | 1.14 | 35 | 47.8 | <1 | 10.0 | | | 1 | 823 | 121.5 | 0.40 |
| 105G_1987_1357 | 0 | <0.2 | 70 | 1.52 | 20 | 34.7 | 1 | 10.0 | | | <1 | 716 | 92.4 | 0.32 |
| 105G_1987_1358 | 0 | <0.2 | 115 | 1.24 | 137 | 11.7 | 25 | 10.0 | 34 | 10.0 | 1 | 958 | 196.8 | 0.35 |
| 105G_1987_1359 | 0 | <0.2 | 73 | 0.80 | 65 | 73.9 | <1 | 10.0 | | | 1 | 974 | 217.8 | 0.24 |
| 105G_1987_1360 | 0 | <0.2 | 98 | 1.12 | 35 | 35.5 | 43 | 10.0 | 42 | 10.0 | <1 | 796 | 90.9 | 0.38 |
| 105G_1987_1362 | 0 | <0.2 | 110 | 1.49 | 20 | 23.3 | <1 | 10.0 | | | 2 | 728 | 178.3 | 0.44 |
| 105G_1987_1363 | 0 | <0.2 | 30 | 0.72 | 10 | 9.5 | <1 | 10.0 | | | 1 | 1080 | 90.6 | 0.18 |
| 105G_1987_1364 | 0 | <0.2 | 146 | 1.04 | 20 | 38.5 | <1 | 10.0 | | | 2 | 1200 | 150.5 | 0.15 |
| 105G_1987_1365 | 0 | <0.2 | 143 | 0.84 | 11 | 11.9 | 4 | 10.0 | | | 2 | 755 | 225.9 | 0.17 |
| 105G_1987_1366 | 0 | <0.2 | 66 | 0.53 | 5 | 5.5 | <1 | 10.0 | | | 4 | 767 | 197.2 | 0.08 |
| 105G_1987_1367 | 1 | <0.2 | 72 | 0.47 | 8 | 8.1 | <1 | 10.0 | | | 4 | 755 | 133.2 | 0.10 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1331 | 0 | 0.50 | 0.2 | 0.39 | 13 | 13.3 | 37.9 | 26 | 26.24 | 1055 | 3.17 | 2.87 | 5.0 | 15 | 20 |
| 105G_1987_1332 | 0 | 0.32 | <0.2 | 0.22 | 8 | 8.1 | 15.5 | 14 | 13.53 | 795 | 2.40 | 2.09 | 4.9 | 20 | 16 |
| 105G_1987_1333 | 1 | 0.67 | <0.2 | 0.50 | 11 | 11.9 | 33.1 | 25 | 26.22 | 1200 | 3.00 | 2.58 | 6.3 | 15 | 21 |
| 105G_1987_1335 | 2 | 0.80 | 0.4 | 0.60 | 12 | 12.6 | 33.8 | 28 | 27.73 | 1310 | 3.07 | 2.74 | 6.5 | 25 | 31 |
| 105G_1987_1336 | 0 | 0.56 | 0.4 | 0.60 | 19 | 19.0 | 79.6 | 35 | 35.72 | 1110 | 3.53 | 3.36 | 7.4 | 25 | 26 |
| 105G_1987_1337 | 0 | 0.41 | <0.2 | 0.40 | 20 | 19.5 | 91.5 | 36 | 36.30 | 1140 | 3.59 | 3.42 | 7.2 | 20 | 20 |
| 105G_1987_1338 | 0 | 1.81 | 0.5 | 0.58 | 5 | 6.0 | 38.0 | 25 | 24.72 | 390 | 1.38 | 1.54 | 3.5 | 55 | 59 |
| 105G_1987_1339 | 0 | 0.49 | 0.3 | 0.43 | 8 | 8.3 | 21.6 | 11 | 9.86 | 575 | 2.12 | 1.78 | 3.1 | 25 | 18 |
| 105G_1987_1340 | 0 | 0.58 | <0.2 | 0.25 | 20 | 20.3 | 37.0 | 35 | 33.03 | 850 | 3.82 | 3.70 | 5.8 | 15 | 10 |
| 105G_1987_1342 | 0 | 1.31 | <0.2 | 0.42 | 10 | 11.9 | 35.1 | 50 | 49.93 | 475 | 2.69 | 2.52 | 4.9 | 55 | 44 |
| 105G_1987_1343 | 0 | 0.60 | 0.9 | 0.82 | 16 | 15.1 | 73.5 | 19 | 16.28 | 520 | 3.31 | 3.25 | 2.5 | 50 | 36 |
| 105G_1987_1344 | 0 | 0.44 | 0.9 | 0.84 | 15 | 14.9 | 72.3 | 32 | 32.68 | 550 | 3.05 | 3.00 | 2.8 | 55 | 39 |
| 105G_1987_1345 | 0 | 0.90 | 2.2 | 2.09 | 25 | 26.2 | 85.4 | 39 | 38.73 | 425 | 4.10 | 3.98 | 3.0 | 125 | 130 |
| 105G_1987_1346 | 0 | 0.92 | 0.3 | 0.33 | 21 | 23.8 | 62.2 | 33 | 32.37 | 635 | 3.76 | 3.85 | 5.4 | 50 | 36 |
| 105G_1987_1347 | 0 | 0.93 | <0.2 | 0.38 | 20 | 20.5 | 49.3 | 31 | 28.91 | 540 | 4.16 | 4.13 | 5.2 | 30 | 28 |
| 105G_1987_1348 | 0 | 0.61 | 0.7 | 0.81 | 23 | 24.0 | 56.5 | 36 | 35.00 | 500 | 3.99 | 3.93 | 4.1 | 50 | 37 |
| 105G_1987_1349 | 1 | 0.66 | 1.2 | 1.16 | 7 | 6.6 | 20.9 | 24 | 24.31 | 555 | 1.43 | 1.13 | 3.1 | 25 | 45 |
| 105G_1987_1350 | 2 | 0.65 | 1.2 | 0.98 | 7 | 6.3 | 19.7 | 22 | 21.95 | 505 | 1.28 | 1.11 | 2.9 | 30 | 52 |
| 105G_1987_1351 | 0 | 0.46 | 1.0 | 0.88 | 16 | 14.7 | 31.7 | 25 | 22.88 | 540 | 3.10 | 2.85 | 4.3 | 15 | 21 |
| 105G_1987_1352 | 0 | 0.45 | <0.2 | 0.18 | 10 | 10.1 | 27.4 | 15 | 12.67 | 700 | 2.54 | 2.19 | 3.2 | 30 | 11 |
| 105G_1987_1354 | 0 | 0.40 | <0.2 | 0.17 | 12 | 13.9 | 41.0 | 16 | 16.02 | 780 | 2.88 | 2.74 | 4.4 | 10 | 13 |
| 105G_1987_1355 | 0 | 0.67 | 0.7 | 1.05 | 22 | 24.4 | 33.2 | 45 | 47.04 | 665 | 3.97 | 4.23 | 5.7 | 15 | 18 |
| 105G_1987_1356 | 0 | 0.63 | 0.5 | 0.50 | 13 | 12.8 | 25.6 | 21 | 19.25 | 660 | 2.67 | 2.56 | 3.7 | 30 | 29 |
| 105G_1987_1357 | 0 | 0.56 | 0.7 | 0.85 | 15 | 18.0 | 36.8 | 26 | 25.76 | 625 | 3.30 | 3.40 | 5.7 | 20 | 14 |
| 105G_1987_1358 | 0 | 0.92 | 0.7 | 0.79 | 16 | 16.5 | 84.4 | 35 | 32.11 | 660 | 2.79 | 2.51 | 3.9 | 30 | 34 |
| 105G_1987_1359 | 0 | 0.61 | 0.2 | 0.32 | 13 | 11.8 | 37.2 | 29 | 25.57 | 570 | 2.93 | 2.67 | 2.9 | 25 | 29 |
| 105G_1987_1360 | 0 | 0.57 | 0.4 | 0.41 | 14 | 13.2 | 32.0 | 22 | 20.35 | 585 | 2.79 | 2.54 | 3.9 | 25 | 22 |
| 105G_1987_1362 | 0 | 1.32 | 0.4 | 0.54 | 12 | 14.1 | 44.6 | 27 | 24.68 | 535 | 2.91 | 2.69 | 5.1 | 35 | 49 |
| 105G_1987_1363 | 0 | 0.39 | <0.2 | 0.16 | 7 | 7.1 | 20.3 | 14 | 12.52 | 625 | 1.69 | 1.44 | 2.4 | 15 | 9 |
| 105G_1987_1364 | 0 | 1.06 | 0.4 | 0.44 | 15 | 16.5 | 48.6 | 26 | 23.94 | 500 | 2.98 | 2.89 | 3.6 | 25 | 29 |
| 105G_1987_1365 | 0 | 0.54 | 0.5 | 0.56 | 9 | 9.0 | 25.9 | 21 | 19.54 | 500 | 2.09 | 1.75 | 2.6 | 55 | 50 |
| 105G_1987_1366 | 0 | 1.54 | 0.3 | 0.41 | 4 | 4.5 | 15.5 | 17 | 16.30 | 345 | 1.02 | 1.19 | 1.7 | 75 | 83 |
| 105G_1987_1367 | 1 | 1.01 | 0.6 | 0.55 | 4 | 4.9 | 15.0 | 12 | 11.92 | 365 | 1.12 | 0.99 | 1.5 | 35 | 62 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|------|--------|-----|--------|--------|--------|-------|--------|--------|-------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_1331 | 0 | 0.13 | 30.6 | 4.8 | 0.75 | 214 | 278 | <2 | 1.10 | 0.014 | 35 | 33.1 | 0.114 | 27 | 27.85 | |
| 105G_1987_1332 | 0 | 0.13 | 46.5 | 4.4 | 0.34 | 311 | 408 | <2 | 0.89 | 0.011 | 19 | 17.9 | 0.118 | 25 | 21.67 | |
| 105G_1987_1333 | 1 | 0.18 | 18.4 | 4.6 | 0.68 | 341 | 436 | <2 | 0.63 | 0.030 | 29 | 26.7 | 0.073 | 31 | 32.23 | |
| 105G_1987_1335 | 2 | 0.19 | 21.2 | 5.0 | 0.71 | 376 | 484 | <2 | 0.72 | 0.032 | 32 | 28.3 | 0.090 | 34 | 35.14 | |
| 105G_1987_1336 | 0 | 0.15 | 31.6 | 8.4 | 1.34 | 314 | 413 | <2 | 1.02 | 0.018 | 51 | 47.7 | 0.104 | 24 | 25.47 | |
| 105G_1987_1337 | 0 | 0.19 | 34.7 | 6.2 | 1.38 | 301 | 408 | <2 | 0.85 | 0.014 | 57 | 52.7 | 0.103 | 24 | 24.01 | |
| 105G_1987_1338 | 0 | 0.13 | 30.4 | 38.4 | 0.37 | 822 | 887 | <2 | 0.77 | 0.022 | 11 | 14.0 | 0.162 | 12 | 10.98 | |
| 105G_1987_1339 | 0 | 0.06 | 17.8 | 5.4 | 0.47 | 433 | 548 | <2 | 0.43 | 0.009 | 18 | 17.8 | 0.125 | 9 | 8.03 | |
| 105G_1987_1340 | 0 | 0.15 | 31.7 | 3.4 | 1.06 | 440 | 567 | <2 | 0.91 | 0.012 | 43 | 39.5 | 0.115 | 20 | 18.44 | |
| 105G_1987_1342 | 0 | 0.07 | 23.4 | 18.8 | 0.60 | 377 | 434 | <2 | 0.92 | 0.013 | 24 | 25.0 | 0.096 | 11 | 10.74 | |
| 105G_1987_1343 | 0 | 0.07 | 16.1 | 6.2 | 0.91 | 1033 | 1310 | <2 | 0.72 | 0.006 | 100 | 90.3 | 0.148 | 10 | 9.62 | |
| 105G_1987_1344 | 0 | 0.11 | 18.0 | 4.6 | 0.95 | 277 | 376 | <2 | 0.98 | 0.006 | 94 | 85.9 | 0.138 | 18 | 17.33 | |
| 105G_1987_1345 | 0 | 0.15 | 14.7 | 22.4 | 1.05 | 3266 | 2754 | <2 | 1.33 | 0.009 | 157 | 166.2 | 0.138 | 15 | 15.86 | |
| 105G_1987_1346 | 0 | 0.10 | 29.0 | 9.0 | 1.02 | 436 | 598 | <2 | 1.19 | 0.015 | 50 | 48.6 | 0.202 | 15 | 15.52 | |
| 105G_1987_1347 | 0 | 0.10 | 31.4 | 12.8 | 0.86 | 569 | 713 | <2 | 0.67 | 0.011 | 47 | 44.8 | 0.126 | 14 | 15.39 | |
| 105G_1987_1348 | 0 | 0.09 | 28.6 | 10.0 | 0.78 | 861 | 1115 | <2 | 1.44 | 0.008 | 74 | 71.5 | 0.138 | 21 | 22.85 | |
| 105G_1987_1349 | 1 | 0.05 | 17.1 | 13.8 | 0.37 | 171 | 186 | <2 | 1.17 | 0.022 | 22 | 20.3 | 0.102 | 8 | 7.37 | |
| 105G_1987_1350 | 2 | 0.04 | 17.0 | 14.8 | 0.34 | 156 | 179 | <2 | 0.92 | 0.023 | 19 | 18.9 | 0.095 | 8 | 7.42 | |
| 105G_1987_1351 | 0 | 0.07 | 27.9 | 8.4 | 0.67 | 526 | 657 | <2 | 0.96 | 0.009 | 30 | 28.9 | 0.103 | 18 | 18.58 | |
| 105G_1987_1352 | 0 | 0.07 | 21.8 | 3.3 | 0.60 | 304 | 380 | <2 | 0.50 | 0.006 | 23 | 20.9 | 0.126 | 11 | 12.37 | |
| 105G_1987_1354 | 0 | 0.09 | 24.5 | 3.8 | 0.75 | 131 | 188 | <2 | 0.36 | 0.007 | 32 | 32.9 | 0.115 | 14 | 16.13 | |
| 105G_1987_1355 | 0 | 0.20 | 33.8 | 3.6 | 1.10 | 566 | 827 | <2 | 1.14 | 0.005 | 34 | 36.3 | 0.218 | 33 | 43.09 | |
| 105G_1987_1356 | 0 | 0.10 | 21.4 | 7.0 | 0.64 | 907 | 1142 | <2 | 1.03 | 0.007 | 22 | 22.3 | 0.134 | 17 | 15.46 | |
| 105G_1987_1357 | 0 | 0.15 | 24.6 | 3.2 | 0.95 | 397 | 590 | <2 | 0.78 | 0.019 | 29 | 30.5 | 0.155 | 16 | 18.11 | |
| 105G_1987_1358 | 0 | 0.08 | 15.1 | 11.4 | 0.90 | 343 | 404 | <2 | 0.45 | 0.013 | 41 | 37.8 | 0.182 | 8 | 8.99 | |
| 105G_1987_1359 | 0 | 0.08 | 13.6 | 6.8 | 0.60 | 1069 | 1286 | <2 | 0.30 | 0.009 | 52 | 43.5 | 0.164 | 8 | 8.48 | |
| 105G_1987_1360 | 0 | 0.09 | 19.0 | 5.6 | 0.70 | 346 | 456 | <2 | 0.60 | 0.007 | 28 | 25.9 | 0.153 | 16 | 13.82 | |
| 105G_1987_1362 | 0 | 0.10 | 20.7 | 3.4 | 0.88 | 358 | 440 | <2 | 0.33 | 0.008 | 29 | 29.1 | 0.084 | 13 | 14.12 | |
| 105G_1987_1363 | 0 | 0.08 | 15.1 | 2.0 | 0.47 | 150 | 198 | <2 | 0.34 | 0.007 | 15 | 15.2 | 0.119 | 7 | 6.92 | |
| 105G_1987_1364 | 0 | 0.07 | 15.7 | 8.0 | 0.87 | 224 | 297 | <2 | 0.49 | 0.007 | 38 | 38.4 | 0.130 | 7 | 9.42 | |
| 105G_1987_1365 | 0 | 0.07 | 13.8 | 6.4 | 0.54 | 386 | 488 | <2 | 0.49 | 0.009 | 29 | 28.2 | 0.106 | 12 | 10.76 | |
| 105G_1987_1366 | 0 | 0.07 | 6.1 | 38.6 | 0.41 | 613 | 774 | <2 | 0.70 | 0.012 | 15 | 18.4 | 0.127 | 4 | 5.20 | |
| 105G_1987_1367 | 1 | 0.04 | 7.1 | 17.6 | 0.35 | 310 | 371 | <2 | 0.56 | 0.007 | 18 | 18.2 | 0.085 | 6 | 5.38 | |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1331 | 0 | 0.08 | 0.4 | 0.16 | 3.7 | 0.4 | 2 | 42.4 | <0.02 | 9.8 | 0.024 | 0.13 | 4.0 | 3.8 |
| 105G_1987_1332 | 0 | 0.03 | <0.2 | 0.05 | 1.8 | 0.2 | 7 | 7.6 | <0.02 | 13.8 | 0.015 | 0.19 | 31.3 | 36.0 |
| 105G_1987_1333 | 1 | 0.04 | 0.5 | 0.21 | 3.4 | 0.5 | 3 | 59.2 | <0.02 | 5.8 | 0.051 | 0.20 | 12.2 | 11.3 |
| 105G_1987_1335 | 2 | 0.05 | 0.6 | 0.23 | 3.6 | 0.5 | 2 | 66.2 | 0.03 | 5.9 | 0.054 | 0.23 | 14.0 | 13.5 |
| 105G_1987_1336 | 0 | 0.10 | 0.3 | 0.19 | 5.5 | 0.6 | 2 | 42.8 | 0.06 | 7.1 | 0.074 | 0.33 | 5.3 | 4.5 |
| 105G_1987_1337 | 0 | 0.06 | 0.3 | 0.19 | 5.5 | 0.6 | 2 | 26.4 | 0.04 | 7.7 | 0.080 | 0.32 | 4.4 | 3.8 |
| 105G_1987_1338 | 0 | 0.28 | 0.3 | 0.30 | 1.3 | 3.8 | 3 | 127.8 | 0.03 | 0.9 | 0.017 | 0.12 | 11.8 | 6.6 |
| 105G_1987_1339 | 0 | 0.11 | 0.2 | 0.10 | 1.9 | 0.6 | 2 | 31.3 | <0.02 | 4.3 | 0.015 | 0.08 | 3.1 | 2.3 |
| 105G_1987_1340 | 0 | 0.04 | 0.3 | 0.19 | 3.6 | 0.2 | 1 | 45.5 | 0.04 | 11.0 | 0.033 | 0.12 | 2.0 | 1.2 |
| 105G_1987_1342 | 0 | 0.13 | 0.3 | 0.31 | 3.2 | 1.9 | 3 | 91.7 | 0.02 | 1.7 | 0.027 | 0.07 | 3.4 | 5.0 |
| 105G_1987_1343 | 0 | 0.03 | 1.6 | 1.71 | 2.2 | 0.7 | 4 | 42.4 | 0.03 | 4.3 | 0.014 | 0.07 | 1.0 | 3.0 |
| 105G_1987_1344 | 0 | 0.05 | 3.0 | 3.08 | 3.2 | 0.7 | 2 | 27.3 | 0.02 | 5.6 | 0.011 | 0.07 | 1.0 | 3.2 |
| 105G_1987_1345 | 0 | 0.14 | 1.7 | 2.62 | 3.4 | 2.8 | 2 | 56.2 | 0.03 | 3.2 | 0.007 | 0.12 | 1.8 | 3.2 |
| 105G_1987_1346 | 0 | 0.08 | 0.3 | 0.33 | 4.4 | 0.9 | 4 | 76.0 | <0.02 | 6.6 | 0.025 | 0.08 | 1.4 | 3.5 |
| 105G_1987_1347 | 0 | 0.08 | 0.2 | 0.23 | 4.2 | 1.0 | 3 | 80.8 | <0.02 | 6.5 | 0.016 | 0.08 | 1.5 | 2.7 |
| 105G_1987_1348 | 0 | 0.07 | 1.2 | 1.26 | 3.8 | 1.1 | 2 | 33.9 | 0.04 | 6.4 | 0.006 | 0.06 | 1.3 | 3.0 |
| 105G_1987_1349 | 1 | 0.12 | 0.2 | 0.21 | 1.9 | 0.6 | 1 | 44.3 | 0.02 | 3.3 | 0.023 | 0.15 | 24.0 | 24.5 |
| 105G_1987_1350 | 2 | 0.13 | 0.2 | 0.17 | 1.8 | 0.7 | 1 | 44.0 | <0.02 | 2.9 | 0.024 | 0.15 | 21.5 | 21.8 |
| 105G_1987_1351 | 0 | 0.06 | 0.2 | 0.16 | 2.8 | 0.7 | 2 | 23.4 | <0.02 | 4.8 | 0.010 | 0.06 | 1.9 | 3.6 |
| 105G_1987_1352 | 0 | 0.01 | 0.2 | 0.05 | 2.0 | 0.2 | 1 | 25.2 | <0.02 | 6.1 | 0.023 | 0.12 | 3.5 | 5.9 |
| 105G_1987_1354 | 0 | 0.05 | <0.2 | 0.03 | 2.8 | 0.2 | 1 | 31.8 | <0.02 | 7.3 | 0.024 | 0.13 | 1.8 | 3.6 |
| 105G_1987_1355 | 0 | 0.04 | 0.2 | 0.13 | 4.3 | 0.5 | 2 | 25.0 | 0.02 | 6.8 | 0.048 | 0.18 | 1.4 | 3.0 |
| 105G_1987_1356 | 0 | 0.05 | 0.2 | 0.10 | 2.6 | 0.7 | 2 | 30.4 | 0.02 | 5.1 | 0.032 | 0.13 | 3.7 | 6.3 |
| 105G_1987_1357 | 0 | 0.02 | 0.2 | 0.15 | 4.1 | 0.3 | 3 | 30.1 | 0.02 | 6.3 | 0.071 | 0.12 | 1.1 | 2.7 |
| 105G_1987_1358 | 0 | 0.06 | 0.3 | 0.33 | 3.2 | 1.2 | 3 | 41.4 | <0.02 | 2.9 | 0.039 | 0.12 | 1.6 | 3.1 |
| 105G_1987_1359 | 0 | 0.04 | 0.5 | 0.69 | 2.5 | 0.5 | 2 | 33.7 | 0.03 | 3.7 | 0.031 | 0.10 | 1.3 | 3.1 |
| 105G_1987_1360 | 0 | 0.04 | 0.3 | 0.24 | 2.9 | 0.6 | 3 | 30.7 | <0.02 | 4.9 | 0.030 | 0.11 | 2.1 | 3.9 |
| 105G_1987_1362 | 0 | 0.19 | 0.2 | 0.12 | 3.1 | 1.7 | 5 | 83.9 | <0.02 | 5.5 | 0.036 | 0.15 | 5.4 | 7.1 |
| 105G_1987_1363 | 0 | <0.01 | 0.2 | 0.15 | 1.8 | 0.2 | 2 | 20.5 | <0.02 | 5.1 | 0.035 | 0.09 | 0.8 | 2.9 |
| 105G_1987_1364 | 0 | 0.06 | 0.3 | 0.23 | 2.9 | 1.8 | 3 | 51.4 | <0.02 | 3.9 | 0.037 | 0.08 | 2.2 | 3.8 |
| 105G_1987_1365 | 0 | 0.05 | 0.5 | 0.64 | 2.3 | 0.7 | 3 | 32.4 | <0.02 | 4.1 | 0.025 | 0.09 | 0.9 | 2.7 |
| 105G_1987_1366 | 0 | 0.29 | 0.2 | 0.32 | 1.3 | 1.5 | 5 | 81.5 | <0.02 | 1.1 | 0.017 | 0.05 | 4.3 | 5.1 |
| 105G_1987_1367 | 1 | 0.60 | 0.2 | 0.26 | 1.3 | 1.3 | 4 | 64.2 | <0.02 | 2.1 | 0.015 | 0.07 | 2.1 | 3.6 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1331 | 0 | 34 | 38 | 10 | 4.2 | 130 | 122.9 |
| 105G_1987_1332 | 0 | 16 | 16 | 24 | 8.8 | 106 | 104.5 |
| 105G_1987_1333 | 1 | 30 | 29 | 32 | 27.7 | 110 | 112.0 |
| 105G_1987_1335 | 2 | 32 | 32 | 60 | 42.4 | 120 | 119.9 |
| 105G_1987_1336 | 0 | 56 | 60 | 12 | 3.3 | 157 | 163.8 |
| 105G_1987_1337 | 0 | 60 | 63 | 10 | 3.9 | 151 | 155.8 |
| 105G_1987_1338 | 0 | 17 | 22 | 4 | 3.6 | 106 | 97.7 |
| 105G_1987_1339 | 0 | 20 | 22 | 6 | 2.1 | 74 | 79.8 |
| 105G_1987_1340 | 0 | 27 | 36 | 6 | 0.2 | 99 | 113.0 |
| 105G_1987_1342 | 0 | 24 | 28 | 2 | 2.8 | 149 | 148.9 |
| 105G_1987_1343 | 0 | 24 | 24 | 8 | 1.2 | 102 | 97.3 |
| 105G_1987_1344 | 0 | 24 | 28 | 4 | 0.7 | 124 | 129.0 |
| 105G_1987_1345 | 0 | 24 | 27 | 2 | 0.3 | 179 | 172.9 |
| 105G_1987_1346 | 0 | 43 | 45 | 8 | 0.2 | 115 | 120.2 |
| 105G_1987_1347 | 0 | 35 | 36 | 2 | 2.5 | 129 | 129.3 |
| 105G_1987_1348 | 0 | 35 | 35 | 2 | 0.3 | 133 | 142.5 |
| 105G_1987_1349 | 1 | 16 | 18 | 2 | 3.0 | 88 | 93.2 |
| 105G_1987_1350 | 2 | 15 | 18 | 4 | 4.4 | 78 | 90.3 |
| 105G_1987_1351 | 0 | 31 | 31 | 2 | 0.9 | 110 | 154.6 |
| 105G_1987_1352 | 0 | 22 | 22 | 12 | 3.4 | 85 | 78.6 |
| 105G_1987_1354 | 0 | 23 | 27 | 12 | 0.7 | 83 | 91.6 |
| 105G_1987_1355 | 0 | 52 | 53 | 2 | <0.1 | 264 | 275.6 |
| 105G_1987_1356 | 0 | 28 | 32 | 2 | 2.7 | 160 | 154.8 |
| 105G_1987_1357 | 0 | 50 | 53 | 2 | 0.6 | 161 | 178.9 |
| 105G_1987_1358 | 0 | 52 | 51 | 2 | 0.7 | 118 | 107.4 |
| 105G_1987_1359 | 0 | 36 | 36 | 2 | 12.3 | 78 | 76.8 |
| 105G_1987_1360 | 0 | 42 | 39 | 2 | 2.6 | 115 | 113.5 |
| 105G_1987_1362 | 0 | 32 | 30 | 2 | 0.3 | 161 | 148.1 |
| 105G_1987_1363 | 0 | 23 | 23 | 2 | 0.8 | 45 | 44.4 |
| 105G_1987_1364 | 0 | 37 | 35 | 2 | <0.1 | 110 | 106.4 |
| 105G_1987_1365 | 0 | 29 | 29 | 2 | 0.4 | 97 | 93.6 |
| 105G_1987_1366 | 0 | 14 | 17 | 2 | 0.1 | 61 | 60.8 |
| 105G_1987_1367 | 1 | 13 | 15 | 2 | 0.1 | 65 | 66.3 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----------|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | FA-NA ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1368 | 2 | <0.2 | 76 | 0.48 | 11 | 8.4 | <1 | 10.0 | | | 3 | 763 | 132.8 | 0.09 |
| 105G_1987_1369 | 0 | <0.2 | 146 | 0.82 | 10 | 9.3 | 1 | 10.0 | | | 2 | 1210 | 237.8 | 0.23 |
| 105G_1987_1370 | 0 | <0.2 | 142 | 0.89 | 11 | 10.2 | 2 | 10.0 | | | 2 | 1100 | 202.7 | 0.28 |
| 105G_1987_1371 | 0 | <0.2 | 88 | 0.69 | 25 | 28.6 | 7 | 10.0 | 9 | 10.0 | 1 | 1330 | 328.7 | 0.11 |
| 105G_1987_1372 | 0 | <0.2 | 218 | 0.91 | 3 | 2.3 | 12 | 10.0 | 17 | 10.0 | 2 | 1460 | 326.6 | 0.20 |
| 105G_1987_1373 | 0 | <0.2 | 93 | 0.72 | 19 | 16.8 | 16 | 10.0 | 19 | 10.0 | <1 | 972 | 136.5 | 0.14 |
| 105G_1987_1374 | 0 | <0.2 | 257 | 0.72 | 70 | 73.0 | 41 | 10.0 | 48 | 10.0 | 2 | 1220 | 307.1 | 0.15 |
| 105G_1987_1375 | 0 | <0.2 | 188 | 0.90 | 50 | 48.3 | 9 | 10.0 | 12 | 10.0 | 3 | 1230 | 268.9 | 0.23 |
| 105G_1987_1376 | 0 | 0.2 | 326 | 0.87 | 15 | 16.1 | 4 | 10.0 | | | 2 | 1300 | 279.2 | 0.20 |
| 105G_1987_1377 | 0 | 0.2 | 187 | 1.43 | 6 | 6.2 | <1 | 10.0 | | | 1 | 1338 | 194.6 | 0.53 |
| 105G_1987_1378 | 0 | 0.9 | 817 | 1.29 | 7 | 6.1 | 1 | 10.0 | | | 5 | 1408 | 253.7 | 0.41 |
| 105G_1987_1379 | 0 | 0.4 | 508 | 0.86 | 8 | 7.8 | <1 | 10.0 | | | 2 | 1158 | 206.8 | 0.51 |
| 105G_1987_1382 | 0 | 0.3 | 359 | 1.77 | 50 | 42.4 | <1 | 10.0 | | | 1 | 1568 | 164.1 | 1.28 |
| 105G_1987_1383 | 0 | <0.2 | 74 | 0.63 | 50 | 52.4 | <1 | 10.0 | | | 3 | 930 | 203.0 | 0.09 |
| 105G_1987_1384 | 0 | <0.2 | 176 | 0.99 | 35 | 22.6 | 2 | 10.0 | | | 3 | 1408 | 537.9 | 0.18 |
| 105G_1987_1385 | 0 | <0.2 | 135 | 0.89 | 35 | 24.3 | <1 | 10.0 | | | 1 | 934 | 124.3 | 0.18 |
| 105G_1987_1386 | 0 | <0.2 | 146 | 0.91 | 30 | 25.2 | 1 | 10.0 | | | 2 | 830 | 141.6 | 0.19 |
| 105G_1987_1387 | 0 | 0.2 | 321 | 1.30 | 65 | 58.1 | <1 | 10.0 | | | 1 | 1348 | 370.3 | 0.30 |
| 105G_1987_1388 | 0 | 0.3 | 403 | 1.12 | 10 | 11.3 | <1 | 10.0 | | | 3 | 949 | 174.5 | 0.23 |
| 105G_1987_1390 | 1 | <0.2 | 119 | 1.21 | 7 | 6.8 | <1 | 10.0 | | | <1 | 1078 | 122.7 | 0.27 |
| 105G_1987_1391 | 2 | <0.2 | 102 | 1.18 | 6 | 6.1 | <1 | 10.0 | | | 2 | 1058 | 120.8 | 0.25 |
| 105G_1987_1392 | 0 | <0.2 | 147 | 1.05 | 6 | 6.5 | <1 | 10.0 | | | <1 | 1188 | 121.0 | 0.42 |
| 105G_1987_1393 | 0 | <0.2 | 268 | 1.35 | 45 | 34.6 | <1 | 10.0 | | | 1 | 775 | 140.9 | 0.29 |
| 105G_1987_1394 | 0 | <0.2 | 57 | 1.19 | 30 | 24.5 | <1 | 10.0 | | | <1 | 757 | 126.7 | 0.16 |
| 105G_1987_1395 | 0 | <0.2 | 115 | 1.14 | 20 | 20.8 | <1 | 10.0 | | | 2 | 683 | 188.7 | 0.20 |
| 105G_1987_1396 | 0 | <0.2 | 97 | 0.78 | 30 | 28.2 | <1 | 10.0 | | | <1 | 731 | 90.0 | 0.15 |
| 105G_1987_1397 | 0 | <0.2 | 55 | 0.95 | 12 | 12.6 | 2 | 10.0 | | | 1 | 703 | 75.2 | 0.19 |
| 105G_1987_1398 | 0 | <0.2 | 66 | 1.67 | 20 | 20.8 | <1 | 10.0 | | | <1 | 559 | 96.4 | 0.21 |
| 105G_1987_1399 | 0 | <0.2 | 47 | 1.36 | 16 | 17.1 | <1 | 10.0 | | | 2 | 447 | 83.9 | 0.18 |
| 105G_1987_1400 | 0 | <0.2 | 110 | 1.89 | 6 | 7.5 | <1 | 10.0 | | | <1 | 671 | 152.1 | 0.24 |
| 105G_1987_1402 | 0 | <0.2 | 58 | 1.95 | 20 | 21.8 | <1 | 10.0 | | | <1 | 735 | 126.8 | 0.21 |
| 105G_1987_1403 | 0 | <0.2 | 82 | 1.56 | 40 | 37.7 | <1 | 10.0 | | | 1 | 626 | 96.8 | 0.47 |
| 105G_1987_1405 | 0 | <0.2 | 49 | 1.08 | 19 | 19.9 | <1 | 10.0 | | | <1 | 923 | 110.4 | 0.17 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1368 | 2 | 0.98 | 0.8 | 0.65 | 5 | 4.8 | 15.5 | 14 | 11.93 | 375 | 1.23 | 1.05 | 1.5 | 45 | 35 |
| 105G_1987_1369 | 0 | 0.92 | 0.5 | 0.58 | 8 | 8.8 | 26.9 | 26 | 22.97 | 475 | 2.04 | 1.70 | 2.6 | 85 | 42 |
| 105G_1987_1370 | 0 | 0.89 | 0.2 | 0.39 | 10 | 11.0 | 21.3 | 25 | 23.86 | 435 | 2.39 | 2.13 | 2.7 | 90 | 54 |
| 105G_1987_1371 | 0 | 0.69 | 0.3 | 0.39 | 7 | 7.0 | 22.4 | 12 | 9.45 | 440 | 2.24 | 1.91 | 2.2 | 80 | 78 |
| 105G_1987_1372 | 0 | 0.59 | 0.9 | 0.90 | 7 | 7.0 | 34.3 | 36 | 32.60 | 455 | 1.43 | 1.16 | 2.8 | 115 | 87 |
| 105G_1987_1373 | 0 | 0.62 | 0.4 | 0.42 | 9 | 9.0 | 31.6 | 15 | 13.49 | 530 | 2.01 | 1.73 | 2.6 | 55 | 38 |
| 105G_1987_1374 | 0 | 1.35 | 3.9 | 3.81 | 24 | 26.7 | 28.3 | 39 | 37.71 | 510 | 3.63 | 3.61 | 2.3 | 110 | 88 |
| 105G_1987_1375 | 0 | 0.90 | 1.7 | 1.50 | 14 | 15.6 | 33.9 | 32 | 29.37 | 610 | 3.46 | 3.37 | 3.2 | 140 | 71 |
| 105G_1987_1376 | 0 | 0.70 | 1.0 | 1.07 | 10 | 10.6 | 29.8 | 39 | 36.94 | 545 | 2.64 | 2.34 | 2.6 | 180 | 142 |
| 105G_1987_1377 | 0 | 0.77 | 0.9 | 1.01 | 6 | 6.2 | 17.3 | 19 | 16.35 | 445 | 2.18 | 1.75 | 4.5 | 30 | 33 |
| 105G_1987_1378 | 0 | 1.20 | 6.7 | 6.23 | 8 | 8.5 | 22.6 | 60 | 53.16 | 635 | 2.09 | 1.63 | 3.7 | 55 | 58 |
| 105G_1987_1379 | 0 | 1.28 | 3.4 | 3.22 | 6 | 6.4 | 12.9 | 30 | 27.27 | 475 | 1.85 | 1.53 | 2.5 | 65 | 57 |
| 105G_1987_1382 | 0 | 0.89 | 2.4 | 2.07 | 10 | 9.8 | 19.3 | 31 | 28.52 | 525 | 2.95 | 2.50 | 5.7 | 50 | 24 |
| 105G_1987_1383 | 0 | 0.68 | 0.2 | 0.32 | 8 | 7.9 | 24.2 | 13 | 12.20 | 395 | 2.22 | 2.06 | 2.1 | 30 | 37 |
| 105G_1987_1384 | 0 | 0.96 | 2.5 | 2.18 | 12 | 11.8 | 27.8 | 18 | 17.03 | 420 | 2.63 | 2.36 | 2.8 | 120 | 103 |
| 105G_1987_1385 | 0 | 0.49 | 0.8 | 0.94 | 12 | 12.8 | 25.2 | 27 | 25.33 | 575 | 2.75 | 2.59 | 3.0 | 30 | 23 |
| 105G_1987_1386 | 0 | 0.51 | 0.7 | 0.74 | 13 | 13.8 | 27.1 | 28 | 28.95 | 450 | 2.82 | 2.83 | 3.1 | 25 | 29 |
| 105G_1987_1387 | 0 | 1.05 | 6.5 | 5.89 | 19 | 19.7 | 37.6 | 42 | 41.07 | 515 | 4.58 | 4.74 | 4.3 | 75 | 71 |
| 105G_1987_1388 | 0 | 0.87 | 5.3 | 4.38 | 11 | 11.7 | 22.5 | 24 | 22.00 | 445 | 2.79 | 2.41 | 3.8 | 85 | 72 |
| 105G_1987_1390 | 1 | 0.41 | 1.2 | 1.21 | 12 | 11.0 | 21.1 | 27 | 23.72 | 560 | 2.96 | 2.61 | 3.9 | 20 | 21 |
| 105G_1987_1391 | 2 | 0.43 | 1.1 | 1.11 | 11 | 11.3 | 21.8 | 24 | 22.40 | 540 | 2.79 | 2.50 | 4.0 | 10 | 18 |
| 105G_1987_1392 | 0 | 0.31 | 1.5 | 1.38 | 10 | 10.6 | 17.3 | 31 | 29.06 | 525 | 2.62 | 2.33 | 3.4 | 10 | 16 |
| 105G_1987_1393 | 0 | 0.76 | 1.3 | 1.39 | 11 | 11.9 | 24.6 | 22 | 20.28 | 500 | 3.07 | 2.81 | 3.7 | 50 | 55 |
| 105G_1987_1394 | 0 | 0.74 | <0.2 | 0.24 | 13 | 11.9 | 25.3 | 20 | 16.25 | 450 | 3.04 | 2.62 | 4.0 | 20 | 20 |
| 105G_1987_1395 | 0 | 0.83 | 0.5 | 0.54 | 10 | 10.3 | 33.0 | 15 | 13.89 | 370 | 2.35 | 2.01 | 3.3 | 25 | 33 |
| 105G_1987_1396 | 0 | 0.48 | 0.4 | 0.45 | 12 | 10.8 | 22.4 | 25 | 22.66 | 370 | 2.61 | 2.22 | 2.6 | 25 | 13 |
| 105G_1987_1397 | 0 | 0.46 | 0.2 | 0.31 | 9 | 10.8 | 25.1 | 17 | 17.05 | 410 | 2.21 | 2.06 | 3.1 | 10 | 15 |
| 105G_1987_1398 | 0 | 0.54 | <0.2 | 0.14 | 15 | 16.8 | 41.9 | 23 | 22.88 | 545 | 3.28 | 3.24 | 5.4 | 25 | 17 |
| 105G_1987_1399 | 0 | 0.44 | <0.2 | 0.13 | 13 | 14.2 | 34.6 | 18 | 20.10 | 435 | 2.93 | 2.73 | 4.6 | 10 | 12 |
| 105G_1987_1400 | 0 | 0.86 | <0.2 | 0.16 | 18 | 18.2 | 54.5 | 32 | 30.93 | 405 | 3.74 | 3.69 | 6.6 | 35 | 31 |
| 105G_1987_1402 | 0 | 0.63 | <0.2 | 0.28 | 17 | 18.4 | 51.6 | 29 | 28.03 | 600 | 3.71 | 3.70 | 6.1 | 15 | 9 |
| 105G_1987_1403 | 0 | 0.65 | <0.2 | 0.28 | 14 | 15.0 | 44.2 | 43 | 42.12 | 575 | 3.30 | 3.16 | 5.7 | <10 | <5 |
| 105G_1987_1405 | 0 | 0.49 | <0.2 | 0.18 | 10 | 10.5 | 32.6 | 26 | 25.80 | 345 | 2.56 | 2.19 | 4.0 | 10 | <5 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1368 | 2 | 0.04 | 7.4 | 18.4 | 0.35 | 364 | 411 | <2 | 0.54 | 0.006 | 19 | 17.9 | 0.085 | 4 | 5.75 |
| 105G_1987_1369 | 0 | 0.11 | 14.8 | 2.8 | 0.61 | 308 | 351 | <2 | 0.94 | 0.010 | 35 | 32.8 | 0.084 | 14 | 13.81 |
| 105G_1987_1370 | 0 | 0.09 | 18.5 | 11.4 | 0.57 | 394 | 506 | <2 | 0.84 | 0.007 | 25 | 25.6 | 0.083 | 20 | 22.36 |
| 105G_1987_1371 | 0 | 0.07 | 10.4 | 9.0 | 0.47 | 3100 | 2553 | <2 | 0.46 | 0.008 | 23 | 22.0 | 0.099 | 7 | 7.56 |
| 105G_1987_1372 | 0 | 0.09 | 14.1 | 7.6 | 0.63 | 110 | 107 | <2 | 0.85 | 0.012 | 40 | 38.3 | 0.088 | 10 | 11.70 |
| 105G_1987_1373 | 0 | 0.07 | 13.5 | 7.0 | 0.53 | 209 | 243 | <2 | 0.51 | 0.007 | 39 | 39.5 | 0.123 | 5 | 7.42 |
| 105G_1987_1374 | 0 | 0.07 | 12.7 | 20.0 | 0.55 | 3878 | 3361 | <2 | 5.22 | 0.008 | 124 | 139.8 | 0.180 | 11 | 11.42 |
| 105G_1987_1375 | 0 | 0.10 | 19.1 | 9.0 | 0.69 | 2130 | 1829 | <2 | 1.60 | 0.008 | 54 | 51.7 | 0.140 | 12 | 16.02 |
| 105G_1987_1376 | 0 | 0.11 | 16.2 | 14.0 | 0.44 | 405 | 438 | <2 | 0.81 | 0.009 | 35 | 35.1 | 0.102 | 12 | 14.25 |
| 105G_1987_1377 | 0 | 0.12 | 14.5 | 8.3 | 0.57 | 183 | 228 | <2 | 1.14 | 0.045 | 19 | 18.5 | 0.083 | 11 | 11.44 |
| 105G_1987_1378 | 0 | 0.11 | 12.7 | 15.8 | 1.63 | 132 | 165 | <2 | 2.04 | 0.010 | 109 | 96.2 | 0.133 | 23 | 23.90 |
| 105G_1987_1379 | 0 | 0.09 | 12.0 | 25.0 | 0.45 | 131 | 157 | 3 | 4.75 | 0.012 | 42 | 37.1 | 0.139 | 12 | 12.72 |
| 105G_1987_1382 | 0 | 0.18 | 15.6 | 6.0 | 0.93 | 280 | 352 | 2 | 3.51 | 0.036 | 37 | 33.1 | 0.098 | 24 | 21.49 |
| 105G_1987_1383 | 0 | 0.04 | 11.8 | 5.6 | 0.43 | 389 | 537 | <2 | 0.36 | 0.007 | 28 | 28.0 | 0.131 | 4 | 5.45 |
| 105G_1987_1384 | 0 | 0.12 | 15.4 | 14.8 | 0.54 | 3724 | 3021 | <2 | 1.33 | 0.012 | 35 | 33.9 | 0.127 | 10 | 10.66 |
| 105G_1987_1385 | 0 | 0.10 | 20.3 | 2.4 | 0.61 | 575 | 745 | <2 | 1.40 | 0.005 | 28 | 27.8 | 0.127 | 21 | 21.32 |
| 105G_1987_1386 | 0 | 0.10 | 21.7 | 2.7 | 0.62 | 444 | 647 | <2 | 1.26 | 0.005 | 27 | 29.1 | 0.142 | 18 | 20.26 |
| 105G_1987_1387 | 0 | 0.17 | 26.9 | 13.0 | 0.80 | 4886 | 4618 | 2 | 3.18 | 0.008 | 51 | 50.2 | 0.160 | 32 | 31.88 |
| 105G_1987_1388 | 0 | 0.10 | 23.1 | 11.6 | 0.62 | 405 | 503 | <2 | 1.15 | 0.007 | 20 | 19.9 | 0.126 | 45 | 46.27 |
| 105G_1987_1390 | 1 | 0.27 | 35.0 | 4.0 | 0.70 | 459 | 594 | <2 | 1.02 | 0.007 | 23 | 19.3 | 0.125 | 22 | 21.77 |
| 105G_1987_1391 | 2 | 0.27 | 34.1 | 2.2 | 0.70 | 422 | 576 | <2 | 0.93 | 0.012 | 20 | 19.4 | 0.139 | 22 | 19.95 |
| 105G_1987_1392 | 0 | 0.34 | 41.5 | 3.6 | 0.57 | 327 | 438 | <2 | 1.21 | 0.004 | 15 | 16.1 | 0.099 | 28 | 26.14 |
| 105G_1987_1393 | 0 | 0.22 | 39.3 | 16.2 | 0.58 | 405 | 517 | <2 | 1.77 | 0.009 | 19 | 19.5 | 0.155 | 21 | 22.57 |
| 105G_1987_1394 | 0 | 0.15 | 17.7 | 9.0 | 0.70 | 225 | 278 | <2 | 0.59 | 0.006 | 19 | 18.3 | 0.119 | 12 | 10.86 |
| 105G_1987_1395 | 0 | 0.09 | 19.6 | 10.8 | 0.60 | 259 | 327 | <2 | 0.50 | 0.008 | 25 | 24.3 | 0.105 | 10 | 11.70 |
| 105G_1987_1396 | 0 | 0.11 | 16.7 | 1.8 | 0.52 | 465 | 612 | <2 | 1.16 | 0.006 | 25 | 24.1 | 0.118 | 10 | 10.32 |
| 105G_1987_1397 | 0 | 0.19 | 21.2 | 2.6 | 0.58 | 166 | 230 | <2 | 0.76 | 0.005 | 21 | 21.1 | 0.145 | 11 | 11.66 |
| 105G_1987_1398 | 0 | 0.34 | 33.7 | 5.2 | 1.04 | 303 | 425 | <2 | 0.96 | 0.006 | 33 | 32.6 | 0.130 | 10 | 11.35 |
| 105G_1987_1399 | 0 | 0.32 | 25.7 | 3.2 | 0.85 | 285 | 388 | <2 | 0.97 | 0.005 | 26 | 27.0 | 0.127 | 8 | 10.80 |
| 105G_1987_1400 | 0 | 0.58 | 79.0 | 10.2 | 1.29 | 288 | 393 | <2 | 0.69 | 0.009 | 36 | 34.4 | 0.150 | 13 | 13.28 |
| 105G_1987_1402 | 0 | 0.57 | 23.6 | 3.8 | 1.37 | 379 | 543 | <2 | 0.93 | 0.009 | 31 | 31.0 | 0.147 | 14 | 13.14 |
| 105G_1987_1403 | 0 | 0.39 | 25.3 | 3.2 | 1.04 | 344 | 488 | <2 | 0.95 | 0.018 | 29 | 29.7 | 0.137 | 21 | 20.10 |
| 105G_1987_1405 | 0 | 0.15 | 17.8 | 2.8 | 0.79 | 334 | 430 | <2 | 0.89 | 0.011 | 23 | 19.3 | 0.145 | 10 | 8.87 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1368 | 2 | 0.59 | 0.2 | 0.26 | 1.4 | 1.2 | 3 | 57.9 | <0.02 | 2.1 | 0.016 | 0.07 | 2.0 | 3.9 |
| 105G_1987_1369 | 0 | <0.01 | 0.8 | 0.90 | 2.3 | 0.4 | 3 | 37.8 | <0.02 | 5.2 | 0.026 | 0.12 | 0.7 | 2.4 |
| 105G_1987_1370 | 0 | 0.07 | 0.5 | 0.70 | 1.8 | 0.9 | 4 | 48.5 | 0.04 | 4.2 | 0.010 | 0.08 | 0.9 | 2.7 |
| 105G_1987_1371 | 0 | 0.06 | 0.3 | 0.34 | 1.6 | 1.2 | 2 | 42.1 | <0.02 | 2.3 | 0.012 | 0.07 | 0.7 | 2.6 |
| 105G_1987_1372 | 0 | 0.11 | 0.6 | 0.78 | 2.3 | 5.7 | 2 | 32.3 | <0.02 | 3.4 | 0.021 | 0.16 | 3.7 | 5.5 |
| 105G_1987_1373 | 0 | 0.05 | 0.4 | 0.35 | 1.9 | 1.3 | 2 | 27.3 | <0.02 | 3.4 | 0.034 | 0.09 | 1.3 | 2.9 |
| 105G_1987_1374 | 0 | 0.14 | 2.0 | 3.43 | 2.1 | 6.8 | 4 | 61.2 | <0.02 | 2.4 | 0.012 | 0.08 | 5.7 | 6.5 |
| 105G_1987_1375 | 0 | 0.07 | 0.6 | 0.82 | 2.7 | 2.2 | 5 | 40.2 | <0.02 | 4.5 | 0.035 | 0.11 | 1.3 | 3.1 |
| 105G_1987_1376 | 0 | 0.05 | 2.0 | 2.37 | 2.6 | 1.6 | 3 | 43.0 | 0.04 | 4.4 | 0.011 | 0.10 | 2.1 | 3.3 |
| 105G_1987_1377 | 0 | 0.04 | 0.5 | 0.53 | 2.5 | 1.4 | 1 | 51.4 | <0.02 | 4.5 | 0.047 | 0.15 | 3.7 | 5.5 |
| 105G_1987_1378 | 0 | 0.10 | 1.4 | 1.59 | 2.4 | 5.2 | 5 | 52.0 | 0.03 | 3.4 | 0.034 | 0.26 | 5.1 | 7.9 |
| 105G_1987_1379 | 0 | 0.15 | 0.8 | 1.39 | 1.4 | 6.8 | 4 | 66.7 | <0.02 | 2.8 | 0.015 | 0.16 | 34.2 | 34.1 |
| 105G_1987_1382 | 0 | 0.05 | 1.7 | 1.45 | 3.5 | 1.6 | 2 | 57.6 | <0.02 | 5.6 | 0.068 | 0.19 | 5.9 | 8.4 |
| 105G_1987_1383 | 0 | 0.07 | 0.3 | 0.34 | 1.7 | 0.8 | 2 | 32.2 | <0.02 | 3.1 | 0.020 | 0.06 | 0.6 | 2.1 |
| 105G_1987_1384 | 0 | 0.07 | 0.5 | 0.71 | 2.2 | 2.2 | 2 | 47.4 | 0.02 | 2.4 | 0.019 | 0.14 | 1.0 | 3.1 |
| 105G_1987_1385 | 0 | 0.02 | 0.4 | 0.41 | 2.8 | 0.8 | 1 | 20.1 | <0.02 | 5.3 | 0.049 | 0.09 | 1.0 | 3.0 |
| 105G_1987_1386 | 0 | 0.02 | 0.5 | 0.41 | 3.1 | 0.8 | 2 | 20.6 | <0.02 | 5.5 | 0.046 | 0.09 | 1.0 | 2.6 |
| 105G_1987_1387 | 0 | 0.07 | 0.5 | 0.61 | 3.5 | 2.9 | 3 | 48.4 | 0.02 | 5.7 | 0.045 | 0.20 | 2.3 | 3.7 |
| 105G_1987_1388 | 0 | 0.07 | 0.5 | 0.64 | 2.8 | 2.7 | 1 | 33.1 | <0.02 | 3.2 | 0.046 | 0.12 | 1.4 | 3.2 |
| 105G_1987_1390 | 1 | 0.02 | 0.2 | 0.13 | 2.5 | 0.8 | 1 | 18.7 | <0.02 | 8.2 | 0.078 | 0.17 | 1.8 | 4.2 |
| 105G_1987_1391 | 2 | 0.01 | 0.2 | 0.14 | 2.7 | 0.7 | 2 | 19.8 | <0.02 | 9.5 | 0.088 | 0.16 | 1.7 | 3.6 |
| 105G_1987_1392 | 0 | 0.02 | 0.3 | 0.20 | 2.3 | 0.9 | <1 | 15.3 | 0.02 | 10.8 | 0.098 | 0.22 | 2.5 | 4.8 |
| 105G_1987_1393 | 0 | 0.11 | 0.2 | 0.14 | 2.9 | 2.4 | 1 | 30.1 | 0.02 | 4.0 | 0.054 | 0.23 | 8.2 | 9.9 |
| 105G_1987_1394 | 0 | 0.09 | 0.2 | 0.16 | 2.7 | 0.5 | 2 | 50.2 | <0.02 | 4.4 | 0.056 | 0.15 | 2.3 | 4.1 |
| 105G_1987_1395 | 0 | 0.05 | 0.2 | 0.25 | 2.3 | 1.3 | 3 | 46.8 | 0.02 | 3.3 | 0.036 | 0.12 | 1.3 | 2.8 |
| 105G_1987_1396 | 0 | 0.02 | 0.3 | 0.39 | 2.4 | 0.6 | 2 | 19.9 | <0.02 | 4.9 | 0.035 | 0.09 | 1.1 | 2.7 |
| 105G_1987_1397 | 0 | 0.01 | 0.2 | 0.20 | 2.3 | 0.5 | <1 | 19.8 | <0.02 | 6.4 | 0.058 | 0.18 | 1.6 | 4.2 |
| 105G_1987_1398 | 0 | 0.05 | <0.2 | 0.07 | 3.8 | 0.6 | 1 | 21.9 | 0.02 | 7.6 | 0.097 | 0.31 | 4.5 | 6.2 |
| 105G_1987_1399 | 0 | <0.01 | <0.2 | 0.08 | 3.0 | 0.3 | 1 | 20.0 | <0.02 | 6.9 | 0.090 | 0.26 | 2.7 | 4.7 |
| 105G_1987_1400 | 0 | 0.02 | <0.2 | 0.11 | 5.5 | 1.6 | 2 | 42.2 | 0.02 | 10.5 | 0.125 | 0.35 | 4.5 | 6.3 |
| 105G_1987_1402 | 0 | 0.04 | <0.2 | 0.05 | 3.6 | 0.5 | 2 | 21.0 | 0.02 | 7.1 | 0.142 | 0.34 | 1.8 | 4.4 |
| 105G_1987_1403 | 0 | 0.06 | <0.2 | 0.11 | 3.9 | 0.4 | 2 | 47.2 | 0.02 | 8.9 | 0.106 | 0.22 | 1.4 | 4.3 |
| 105G_1987_1405 | 0 | 0.04 | 0.2 | 0.08 | 3.1 | 0.6 | 3 | 20.0 | <0.02 | 4.6 | 0.062 | 0.09 | 1.5 | 3.7 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1368 | 2 | 13 | 15 | 2 | 0.1 | 79 | 68.4 |
| 105G_1987_1369 | 0 | 33 | 30 | 2 | 0.3 | 85 | 81.0 |
| 105G_1987_1370 | 0 | 26 | 23 | 2 | 0.4 | 103 | 99.6 |
| 105G_1987_1371 | 0 | 23 | 22 | 2 | 0.2 | 79 | 71.1 |
| 105G_1987_1372 | 0 | 27 | 26 | 2 | 0.3 | 105 | 101.0 |
| 105G_1987_1373 | 0 | 25 | 25 | 4 | 0.6 | 84 | 83.2 |
| 105G_1987_1374 | 0 | 30 | 29 | 2 | 0.3 | 586 | 611.4 |
| 105G_1987_1375 | 0 | 37 | 33 | 2 | 0.3 | 227 | 213.0 |
| 105G_1987_1376 | 0 | 30 | 32 | 2 | 0.2 | 141 | 131.8 |
| 105G_1987_1377 | 0 | 60 | 59 | 2 | 5.0 | 110 | 106.6 |
| 105G_1987_1378 | 0 | 162 | 153 | 2 | 0.3 | 747 | 704.7 |
| 105G_1987_1379 | 0 | 39 | 42 | 2 | 2.1 | 237 | 210.8 |
| 105G_1987_1382 | 0 | 92 | 88 | 2 | 4.2 | 244 | 219.5 |
| 105G_1987_1383 | 0 | 17 | 22 | 2 | 0.1 | 68 | 68.8 |
| 105G_1987_1384 | 0 | 30 | 30 | 2 | 0.4 | 165 | 154.1 |
| 105G_1987_1385 | 0 | 33 | 35 | 2 | <0.1 | 202 | 194.1 |
| 105G_1987_1386 | 0 | 32 | 37 | 2 | 0.1 | 158 | 163.5 |
| 105G_1987_1387 | 0 | 44 | 44 | 2 | 0.2 | 889 | 852.6 |
| 105G_1987_1388 | 0 | 34 | 34 | 2 | <0.1 | 411 | 400.2 |
| 105G_1987_1390 | 1 | 38 | 36 | 2 | <0.1 | 287 | 251.6 |
| 105G_1987_1391 | 2 | 34 | 36 | 2 | 0.2 | 257 | 246.9 |
| 105G_1987_1392 | 0 | 31 | 33 | 2 | <0.1 | 296 | 278.8 |
| 105G_1987_1393 | 0 | 41 | 41 | 2 | <0.1 | 229 | 207.8 |
| 105G_1987_1394 | 0 | 39 | 36 | 2 | 0.1 | 94 | 84.7 |
| 105G_1987_1395 | 0 | 24 | 25 | 2 | 0.2 | 128 | 119.5 |
| 105G_1987_1396 | 0 | 30 | 29 | 2 | 0.1 | 79 | 71.8 |
| 105G_1987_1397 | 0 | 30 | 31 | 2 | 0.9 | 78 | 80.0 |
| 105G_1987_1398 | 0 | 49 | 48 | 2 | 0.2 | 68 | 71.9 |
| 105G_1987_1399 | 0 | 45 | 43 | 2 | <0.1 | 61 | 65.6 |
| 105G_1987_1400 | 0 | 62 | 60 | 2 | <0.1 | 84 | 86.4 |
| 105G_1987_1402 | 0 | 62 | 63 | 2 | <0.1 | 101 | 106.2 |
| 105G_1987_1403 | 0 | 45 | 44 | 2 | 0.3 | 108 | 111.3 |
| 105G_1987_1405 | 0 | 41 | 38 | 2 | <0.1 | 79 | 76.0 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1406 | 1 | <0.2 | 74 | 1.29 | 25 | 24.9 | <1 | 10.0 | 2 | 5.0 | 1 | 927 | 126.9 | 0.20 |
| 105G_1987_1407 | 2 | <0.2 | 55 | 1.16 | 25 | 21.4 | 6 | 10.0 | <1 | 10.0 | 1 | 919 | 108.9 | 0.17 |
| 105G_1987_1408 | 0 | <0.2 | 162 | 1.70 | 8 | 9.7 | <1 | 10.0 | | | 2 | 1858 | 233.6 | 0.26 |
| 105G_1987_1409 | 0 | <0.2 | 46 | 1.35 | 4 | 5.3 | <1 | 10.0 | | | 2 | 598 | 95.1 | 0.19 |
| 105G_1987_1410 | 0 | <0.2 | 81 | 1.40 | 3 | 3.8 | 6 | 10.0 | <1 | 10.0 | <1 | 951 | 143.1 | 0.16 |
| 105G_1987_1411 | 0 | <0.2 | 88 | 1.55 | 5 | 6.1 | <1 | 10.0 | | | 3 | 978 | 142.9 | 0.20 |
| 105G_1987_1412 | 0 | <0.2 | 59 | 1.50 | 8 | 7.6 | 10 | 10.0 | <1 | 10.0 | 1 | 826 | 103.9 | 0.16 |
| 105G_1987_1413 | 0 | <0.2 | 61 | 1.70 | 1 | 2.2 | <1 | 10.0 | | | <1 | 475 | 40.9 | 0.37 |
| 105G_1987_1414 | 0 | <0.2 | 28 | 0.75 | 4 | 4.7 | <1 | 10.0 | | | <1 | 499 | 28.0 | 0.44 |
| 105G_1987_1415 | 0 | <0.2 | 85 | 1.25 | 4 | 4.6 | <1 | 10.0 | | | <1 | 507 | 55.6 | 0.69 |
| 105G_1987_1416 | 0 | 0.4 | 686 | 0.66 | 55 | 66.5 | <1 | 10.0 | | | <1 | 1776 | 143.7 | 0.48 |
| 105G_1987_1417 | 0 | <0.2 | 77 | 1.17 | 1 | 3.0 | <1 | 10.0 | | | <1 | 531 | 50.6 | 0.78 |
| 105G_1987_1418 | 0 | <0.2 | 34 | 1.07 | 3 | 3.3 | <1 | 10.0 | | | 2 | 635 | 47.1 | 0.44 |
| 105G_1987_1419 | 0 | <0.2 | 96 | 1.13 | 3 | 3.1 | <1 | 10.0 | | | <1 | 527 | 32.1 | 0.50 |
| 105G_1987_1420 | 0 | <0.2 | 323 | 0.27 | 17 | 18.5 | 1 | 10.0 | | | 2 | 1521 | 183.8 | 0.18 |
| 105G_1987_1422 | 0 | <0.2 | 29 | 1.04 | 2 | 3.8 | <1 | 10.0 | | | <1 | 619 | 42.2 | 0.29 |
| 105G_1987_1423 | 0 | 0.3 | 369 | 1.51 | 2 | 3.1 | <1 | 10.0 | | | 1 | 421 | 40.1 | 1.65 |
| 105G_1987_1424 | 0 | <0.2 | 88 | 1.43 | 185 | 96.5 | <1 | 10.0 | | | 2 | 982 | 147.0 | 0.88 |
| 105G_1987_1425 | 0 | <0.2 | 76 | 1.30 | 10 | 15.4 | <1 | 10.0 | | | <1 | 545 | 59.4 | 1.09 |
| 105G_1987_1426 | 1 | <0.2 | 104 | 1.66 | 120 | 104.6 | <1 | 10.0 | | | 1 | 924 | 133.2 | 0.61 |
| 105G_1987_1427 | 2 | <0.2 | 119 | 1.76 | 120 | 100.6 | <1 | 10.0 | | | 1 | 941 | 127.9 | 0.68 |
| 105G_1987_1428 | 0 | <0.2 | 168 | 1.25 | 7 | 8.0 | <1 | 10.0 | | | 1 | 1081 | 355.0 | 0.16 |
| 105G_1987_1430 | 0 | <0.2 | 179 | 1.57 | 35 | 37.0 | <1 | 10.0 | | | 7 | 1126 | 288.5 | 0.20 |
| 105G_1987_1431 | 0 | <0.2 | 185 | 0.93 | 7 | 8.4 | <1 | 10.0 | | | 3 | 1236 | 325.1 | 0.17 |
| 105G_1987_1432 | 0 | <0.2 | 100 | 0.83 | 6 | 7.1 | <1 | 10.0 | | | <1 | 1006 | 233.3 | 0.16 |
| 105G_1987_1433 | 0 | <0.2 | 137 | 0.78 | 18 | 22.4 | <1 | 10.0 | | | 2 | 1196 | 312.8 | 0.17 |
| 105G_1987_1434 | 0 | <0.2 | 66 | 0.70 | 6 | 6.9 | 1 | 10.0 | | | 1 | 1076 | 206.3 | 0.10 |
| 105G_1987_1435 | 0 | <0.2 | 190 | 0.96 | 12 | 13.9 | 2 | 10.0 | | | <1 | 1206 | 250.3 | 0.19 |
| 105G_1987_1436 | 0 | <0.2 | 92 | 0.91 | 12 | 13.2 | 1 | 10.0 | | | <1 | 1126 | 239.6 | 0.10 |
| 105G_1987_1437 | 0 | <0.2 | 91 | 0.39 | 5 | 8.1 | <1 | 10.0 | | | 5 | 571 | 269.7 | 0.06 |
| 105G_1987_1438 | 0 | <0.2 | 89 | 0.75 | 10 | 13.2 | <1 | 10.0 | | | 1 | 950 | 240.2 | 0.13 |
| 105G_1987_1439 | 0 | <0.2 | 98 | 0.78 | 13 | 14.0 | <1 | 10.0 | | | 1 | 1056 | 221.3 | 0.16 |
| 105G_1987_1440 | 0 | <0.2 | 97 | 0.66 | 30 | 29.8 | 2 | 10.0 | | | 2 | 954 | 269.8 | 0.14 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1406 | 1 | 0.62 | <0.2 | 0.26 | 15 | 15.1 | 38.8 | 39 | 33.21 | 405 | 2.99 | 2.76 | 4.7 | 10 | 13 |
| 105G_1987_1407 | 2 | 0.61 | <0.2 | 0.21 | 13 | 13.2 | 35.2 | 34 | 27.91 | 460 | 2.79 | 2.47 | 4.2 | 10 | 7 |
| 105G_1987_1408 | 0 | 0.70 | <0.2 | 0.42 | 16 | 16.6 | 61.2 | 42 | 42.92 | 400 | 3.39 | 3.38 | 5.5 | 30 | 27 |
| 105G_1987_1409 | 0 | 0.54 | <0.2 | 0.12 | 14 | 15.1 | 39.6 | 23 | 22.33 | 335 | 2.94 | 2.89 | 5.0 | 20 | 10 |
| 105G_1987_1410 | 0 | 0.62 | <0.2 | 0.21 | 13 | 12.6 | 42.5 | 24 | 23.08 | 435 | 2.91 | 2.76 | 4.6 | 15 | 11 |
| 105G_1987_1411 | 0 | 0.64 | <0.2 | 0.34 | 16 | 18.0 | 67.4 | 32 | 30.73 | 445 | 3.11 | 3.02 | 4.9 | 10 | 19 |
| 105G_1987_1412 | 0 | 0.42 | <0.2 | 0.20 | 19 | 19.2 | 78.5 | 48 | 55.16 | 435 | 3.06 | 2.92 | 4.4 | 10 | <5 |
| 105G_1987_1413 | 0 | 0.53 | <0.2 | 0.12 | 24 | 25.9 | 28.1 | 39 | 37.82 | 720 | 3.69 | 3.66 | 5.4 | 20 | 15 |
| 105G_1987_1414 | 0 | 0.39 | <0.2 | 0.09 | 6 | 6.4 | 9.2 | 9 | 8.79 | 720 | 2.29 | 2.04 | 2.9 | 10 | 7 |
| 105G_1987_1415 | 0 | 0.53 | <0.2 | 0.23 | 11 | 10.1 | 20.2 | 19 | 17.22 | 765 | 2.96 | 2.52 | 4.3 | 30 | 26 |
| 105G_1987_1416 | 0 | 2.32 | 1.9 | 2.05 | 17 | 17.2 | 9.5 | 39 | 38.98 | 940 | 3.38 | 3.54 | 1.8 | 50 | 48 |
| 105G_1987_1417 | 0 | 0.52 | <0.2 | 0.18 | 8 | 7.8 | 17.9 | 13 | 12.33 | 795 | 2.76 | 2.29 | 4.9 | 30 | 23 |
| 105G_1987_1418 | 0 | 0.31 | <0.2 | 0.12 | 8 | 8.2 | 18.6 | 15 | 14.66 | 490 | 2.29 | 1.98 | 4.4 | 10 | 5 |
| 105G_1987_1419 | 0 | 0.38 | <0.2 | 0.20 | 6 | 5.7 | 13.7 | 12 | 10.81 | 670 | 2.35 | 2.03 | 4.6 | 20 | 18 |
| 105G_1987_1420 | 0 | 2.86 | 2.2 | 2.24 | 9 | 8.9 | 5.8 | 24 | 23.10 | 750 | 1.85 | 1.72 | 0.6 | 60 | 35 |
| 105G_1987_1422 | 0 | 0.45 | <0.2 | 0.22 | 7 | 7.0 | 12.2 | 12 | 11.99 | 695 | 2.71 | 2.45 | 5.7 | 10 | <5 |
| 105G_1987_1423 | 0 | 0.39 | <0.2 | 0.26 | 5 | 5.9 | 12.5 | 17 | 16.68 | 670 | 2.65 | 2.23 | 6.8 | 30 | 16 |
| 105G_1987_1424 | 0 | 0.51 | <0.2 | 0.34 | 10 | 10.7 | 40.0 | 27 | 26.75 | 640 | 2.69 | 2.30 | 5.7 | 25 | 21 |
| 105G_1987_1425 | 0 | 0.41 | <0.2 | 0.24 | 9 | 9.2 | 23.9 | 16 | 15.69 | 580 | 2.49 | 2.24 | 4.7 | 20 | 13 |
| 105G_1987_1426 | 1 | 0.53 | 0.4 | 0.54 | 15 | 14.7 | 46.1 | 43 | 41.74 | 615 | 3.11 | 2.83 | 6.5 | 20 | 12 |
| 105G_1987_1427 | 2 | 0.54 | 0.3 | 0.50 | 14 | 14.5 | 46.2 | 43 | 42.87 | 650 | 3.18 | 2.92 | 6.7 | 30 | 19 |
| 105G_1987_1428 | 0 | 0.74 | 0.6 | 0.75 | 17 | 17.2 | 105.5 | 52 | 52.58 | 520 | 2.76 | 2.57 | 3.6 | 50 | 50 |
| 105G_1987_1430 | 0 | 1.21 | 0.2 | 0.53 | 18 | 20.6 | 163.3 | 33 | 34.34 | 450 | 3.73 | 3.69 | 5.1 | 45 | 60 |
| 105G_1987_1431 | 0 | 1.00 | 0.9 | 0.97 | 10 | 9.1 | 30.0 | 26 | 26.20 | 380 | 2.38 | 1.99 | 2.8 | 75 | 95 |
| 105G_1987_1432 | 0 | 0.69 | 0.3 | 0.46 | 8 | 7.4 | 23.2 | 15 | 13.72 | 385 | 1.87 | 1.58 | 2.5 | 50 | 65 |
| 105G_1987_1433 | 0 | 1.04 | 1.1 | 0.97 | 9 | 8.6 | 24.9 | 17 | 16.00 | 400 | 2.40 | 2.00 | 2.6 | 75 | 76 |
| 105G_1987_1434 | 0 | 0.93 | 0.3 | 0.35 | 8 | 8.1 | 25.1 | 13 | 11.87 | 525 | 1.85 | 1.59 | 2.3 | 210 | 41 |
| 105G_1987_1435 | 0 | 0.87 | 0.8 | 0.86 | 13 | 11.7 | 31.0 | 38 | 37.12 | 470 | 2.64 | 2.35 | 3.0 | 90 | 89 |
| 105G_1987_1436 | 0 | 1.01 | 0.3 | 0.43 | 11 | 11.5 | 33.1 | 23 | 23.21 | 570 | 2.56 | 2.27 | 3.0 | 70 | 55 |
| 105G_1987_1437 | 0 | 2.71 | 0.7 | 0.66 | 5 | 5.1 | 10.2 | 27 | 26.51 | 210 | 0.79 | 0.90 | 1.0 | 100 | 111 |
| 105G_1987_1438 | 0 | 0.60 | 0.3 | 0.40 | 9 | 9.7 | 42.9 | 16 | 14.96 | 475 | 1.91 | 1.82 | 2.5 | 55 | 39 |
| 105G_1987_1439 | 0 | 0.63 | 0.3 | 0.40 | 9 | 9.9 | 38.8 | 18 | 16.16 | 475 | 2.08 | 1.87 | 2.6 | 55 | 39 |
| 105G_1987_1440 | 0 | 0.98 | 0.2 | 0.35 | 9 | 8.7 | 22.6 | 21 | 19.70 | 460 | 2.56 | 2.21 | 2.1 | 65 | 130 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|---------------|-------------|------------|---------------|-------------|------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_1406 | 1 | 0.18 | 20.2 | 2.8 | 1.00 | 514 | 673 | <2 | 0.95 | 0.006 | 26 | 26.5 | 0.130 | 12 | 10.71 |
| 105G_1987_1407 | 2 | 0.18 | 18.5 | 2.4 | 0.89 | 425 | 568 | <2 | 0.84 | 0.006 | 24 | 22.1 | 0.122 | 8 | 9.37 |
| 105G_1987_1408 | 0 | 0.14 | 21.2 | 12.8 | 1.15 | 518 | 732 | <2 | 1.41 | 0.007 | 34 | 37.0 | 0.104 | 14 | 15.28 |
| 105G_1987_1409 | 0 | 0.27 | 34.2 | 4.6 | 0.87 | 251 | 354 | <2 | 0.71 | 0.016 | 29 | 30.7 | 0.133 | 7 | 8.55 |
| 105G_1987_1410 | 0 | 0.20 | 23.9 | 8.6 | 0.83 | 306 | 409 | <2 | 1.26 | 0.010 | 28 | 27.6 | 0.102 | 9 | 11.99 |
| 105G_1987_1411 | 0 | 0.17 | 28.7 | 8.3 | 1.15 | 450 | 631 | <2 | 1.03 | 0.011 | 59 | 57.1 | 0.123 | 10 | 11.15 |
| 105G_1987_1412 | 0 | 0.15 | 16.7 | 2.0 | 1.28 | 453 | 667 | <2 | 1.12 | 0.008 | 52 | 53.3 | 0.090 | 8 | 9.50 |
| 105G_1987_1413 | 0 | 0.12 | 69.5 | 3.4 | 0.90 | 246 | 362 | <2 | 0.37 | 0.015 | 58 | 56.1 | 0.126 | 13 | 13.42 |
| 105G_1987_1414 | 0 | 0.11 | 37.2 | 2.2 | 0.22 | 271 | 360 | <2 | 0.79 | 0.011 | 10 | 10.7 | 0.164 | 12 | 13.14 |
| 105G_1987_1415 | 0 | 0.13 | 99.4 | 11.6 | 0.38 | 613 | 732 | <2 | 0.80 | 0.012 | 19 | 18.1 | 0.114 | 15 | 15.56 |
| 105G_1987_1416 | 0 | 0.10 | 20.4 | 7.4 | 0.97 | 305 | 378 | 8 | 7.89 | 0.010 | 59 | 55.1 | 0.116 | 38 | 37.78 |
| 105G_1987_1417 | 0 | 0.11 | 133.4 | 8.6 | 0.37 | 321 | 391 | <2 | 0.67 | 0.008 | 29 | 27.0 | 0.117 | 16 | 16.25 |
| 105G_1987_1418 | 0 | 0.13 | 32.1 | 2.0 | 0.40 | 275 | 370 | <2 | 0.41 | 0.009 | 25 | 23.0 | 0.101 | 11 | 10.44 |
| 105G_1987_1419 | 0 | 0.10 | 76.1 | 5.0 | 0.30 | 267 | 358 | <2 | 0.72 | 0.007 | 11 | 11.5 | 0.136 | 14 | 13.99 |
| 105G_1987_1420 | 0 | 0.05 | 12.1 | 3.6 | 1.63 | 165 | 211 | 4 | 4.68 | 0.004 | 44 | 41.6 | 0.087 | 21 | 20.87 |
| 105G_1987_1422 | 0 | 0.07 | 38.5 | 1.4 | 0.34 | 293 | 413 | <2 | 0.78 | 0.005 | 10 | 10.0 | 0.187 | 12 | 14.58 |
| 105G_1987_1423 | 0 | 0.18 | 134.7 | 8.2 | 0.32 | 239 | 312 | <2 | 1.27 | 0.009 | 10 | 9.9 | 0.088 | 26 | 26.58 |
| 105G_1987_1424 | 0 | 0.21 | 21.8 | 3.8 | 0.83 | 588 | 775 | <2 | 1.36 | 0.027 | 22 | 22.2 | 0.101 | 20 | 19.67 |
| 105G_1987_1425 | 0 | 0.13 | 28.9 | 2.8 | 0.53 | 355 | 494 | <2 | 0.63 | 0.016 | 21 | 20.6 | 0.111 | 16 | 16.16 |
| 105G_1987_1426 | 1 | 0.44 | 25.4 | 4.0 | 1.12 | 464 | 626 | <2 | 1.55 | 0.018 | 22 | 21.3 | 0.115 | 30 | 29.03 |
| 105G_1987_1427 | 2 | 0.39 | 28.3 | 6.4 | 1.16 | 444 | 605 | <2 | 1.66 | 0.013 | 22 | 21.3 | 0.102 | 29 | 29.36 |
| 105G_1987_1428 | 0 | 0.10 | 17.8 | 6.8 | 0.99 | 939 | 1270 | <2 | 1.01 | 0.017 | 63 | 60.6 | 0.177 | 7 | 8.49 |
| 105G_1987_1430 | 0 | 0.12 | 15.5 | 17.6 | 1.74 | 526 | 680 | <2 | 0.84 | 0.013 | 117 | 118.1 | 0.150 | 8 | 10.59 |
| 105G_1987_1431 | 0 | 0.08 | 13.8 | 14.8 | 0.54 | 437 | 509 | <2 | 0.35 | 0.012 | 33 | 30.7 | 0.111 | 9 | 9.61 |
| 105G_1987_1432 | 0 | 0.08 | 16.2 | 6.4 | 0.47 | 321 | 386 | <2 | 0.38 | 0.009 | 25 | 23.6 | 0.118 | 7 | 7.68 |
| 105G_1987_1433 | 0 | 0.08 | 12.8 | 12.8 | 0.56 | 2580 | 2119 | <2 | 0.72 | 0.010 | 30 | 27.5 | 0.113 | 12 | 9.03 |
| 105G_1987_1434 | 0 | 0.06 | 13.6 | 2.6 | 0.56 | 182 | 215 | <2 | 0.39 | 0.008 | 25 | 24.0 | 0.147 | 5 | 6.30 |
| 105G_1987_1435 | 0 | 0.07 | 17.8 | 11.2 | 0.61 | 349 | 421 | <2 | 0.89 | 0.008 | 37 | 36.0 | 0.124 | 12 | 11.40 |
| 105G_1987_1436 | 0 | 0.07 | 16.6 | 3.6 | 0.79 | 284 | 344 | <2 | 0.88 | 0.005 | 37 | 34.4 | 0.150 | 6 | 7.54 |
| 105G_1987_1437 | 0 | 0.03 | 4.1 | 62.6 | 0.36 | 352 | 492 | 2 | 1.03 | 0.015 | 22 | 20.9 | 0.107 | 2 | 2.87 |
| 105G_1987_1438 | 0 | 0.07 | 16.2 | 2.8 | 0.66 | 297 | 395 | <2 | 0.57 | 0.009 | 41 | 39.8 | 0.144 | 6 | 7.75 |
| 105G_1987_1439 | 0 | 0.07 | 16.1 | 3.8 | 0.65 | 407 | 474 | <2 | 0.60 | 0.009 | 39 | 38.4 | 0.129 | 8 | 8.43 |
| 105G_1987_1440 | 0 | 0.09 | 9.6 | 15.6 | 0.46 | 1046 | 1221 | <2 | 0.77 | 0.010 | 30 | 27.9 | 0.129 | 6 | 8.41 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1406 | 1 | 0.13 | 0.2 | 0.11 | 3.4 | 0.6 | 2 | 20.8 | <0.02 | 5.8 | 0.066 | 0.11 | 1.5 | 3.8 |
| 105G_1987_1407 | 2 | 0.12 | 0.2 | 0.11 | 3.3 | 0.5 | 1 | 20.4 | <0.02 | 5.5 | 0.065 | 0.11 | 1.2 | 3.3 |
| 105G_1987_1408 | 0 | 0.09 | 0.2 | 0.16 | 4.7 | 1.0 | 3 | 28.0 | 0.03 | 2.7 | 0.064 | 0.14 | 4.3 | 5.6 |
| 105G_1987_1409 | 0 | 0.05 | <0.2 | 0.08 | 3.5 | 0.6 | 2 | 26.3 | 0.02 | 7.0 | 0.076 | 0.19 | 2.1 | 4.0 |
| 105G_1987_1410 | 0 | 0.07 | <0.2 | 0.11 | 3.4 | 1.0 | 1 | 31.5 | <0.02 | 4.1 | 0.061 | 0.14 | 7.5 | 9.0 |
| 105G_1987_1411 | 0 | 0.07 | 0.2 | 0.14 | 4.1 | 1.1 | 1 | 34.6 | 0.02 | 4.1 | 0.058 | 0.13 | 3.5 | 5.4 |
| 105G_1987_1412 | 0 | 0.04 | 0.2 | 0.12 | 4.3 | 0.5 | <1 | 22.7 | 0.02 | 4.7 | 0.057 | 0.11 | 1.4 | 2.5 |
| 105G_1987_1413 | 0 | 0.07 | <0.2 | 0.04 | 3.9 | 0.5 | 1 | 45.4 | 0.03 | 10.8 | 0.031 | 0.10 | 2.0 | 5.0 |
| 105G_1987_1414 | 0 | 0.03 | <0.2 | 0.10 | 1.7 | 0.2 | 1 | 7.8 | <0.02 | 13.8 | 0.008 | 0.08 | 9.3 | 12.0 |
| 105G_1987_1415 | 0 | 0.09 | <0.2 | 0.15 | 2.3 | 1.1 | 2 | 30.0 | <0.02 | 11.3 | 0.014 | 0.14 | 26.6 | 30.8 |
| 105G_1987_1416 | 0 | 0.06 | 20.0 | 18.28 | 2.6 | 1.8 | 7 | 53.1 | 0.03 | 5.5 | 0.003 | 0.12 | 1.7 | 4.1 |
| 105G_1987_1417 | 0 | 0.04 | 0.2 | 0.11 | 2.4 | 0.7 | 2 | 21.6 | <0.02 | 16.8 | 0.012 | 0.14 | 35.1 | 37.2 |
| 105G_1987_1418 | 0 | 0.01 | 0.2 | 0.07 | 2.4 | 0.4 | 1 | 12.2 | 0.02 | 13.2 | 0.025 | 0.13 | 8.0 | 9.9 |
| 105G_1987_1419 | 0 | 0.03 | <0.2 | 0.09 | 2.1 | 1.0 | 2 | 8.8 | <0.02 | 15.2 | 0.015 | 0.11 | 35.1 | 40.8 |
| 105G_1987_1420 | 0 | 0.08 | 3.0 | 3.43 | 1.9 | 1.2 | 7 | 39.6 | 0.03 | 3.4 | 0.003 | 0.12 | 1.2 | 4.1 |
| 105G_1987_1422 | 0 | 0.01 | 0.3 | 0.18 | 2.4 | 0.4 | 1 | 6.9 | <0.02 | 15.6 | 0.025 | 0.09 | 11.6 | 16.0 |
| 105G_1987_1423 | 0 | 0.06 | <0.2 | 0.06 | 2.5 | 0.9 | 4 | 13.6 | <0.02 | 27.3 | 0.008 | 0.16 | 45.8 | 46.3 |
| 105G_1987_1424 | 0 | 0.04 | 0.4 | 0.12 | 3.9 | 0.7 | 2 | 26.4 | <0.02 | 5.3 | 0.091 | 0.16 | 11.6 | 13.5 |
| 105G_1987_1425 | 0 | 0.04 | 0.2 | 0.07 | 2.6 | 0.5 | 4 | 30.0 | <0.02 | 8.4 | 0.032 | 0.11 | 8.9 | 11.6 |
| 105G_1987_1426 | 1 | 0.05 | 0.2 | 0.09 | 5.1 | 0.5 | 2 | 22.9 | <0.02 | 5.6 | 0.141 | 0.21 | 4.8 | 8.1 |
| 105G_1987_1427 | 2 | 0.02 | 0.2 | 0.10 | 4.9 | 1.0 | 2 | 25.7 | 0.03 | 5.5 | 0.135 | 0.24 | 13.3 | 15.4 |
| 105G_1987_1428 | 0 | 0.03 | 0.4 | 0.37 | 4.3 | 0.8 | 1 | 45.7 | 0.02 | 2.7 | 0.061 | 0.15 | 1.2 | 2.7 |
| 105G_1987_1430 | 0 | 0.06 | 0.7 | 0.80 | 5.2 | 3.7 | 4 | 55.7 | 0.04 | 2.7 | 0.025 | 0.10 | 1.6 | 3.3 |
| 105G_1987_1431 | 0 | 0.11 | 0.4 | 0.54 | 2.8 | 4.6 | 2 | 52.5 | 0.02 | 3.7 | 0.019 | 0.10 | 1.2 | 3.0 |
| 105G_1987_1432 | 0 | <0.01 | 0.4 | 0.37 | 2.1 | 0.9 | 2 | 39.0 | <0.02 | 4.4 | 0.016 | 0.09 | 1.0 | 2.5 |
| 105G_1987_1433 | 0 | 0.13 | 0.3 | 0.50 | 2.1 | 1.7 | 4 | 58.8 | 0.02 | 2.9 | 0.012 | 0.10 | 1.0 | 2.6 |
| 105G_1987_1434 | 0 | 0.04 | 0.4 | 0.41 | 1.8 | 0.5 | 4 | 49.7 | <0.02 | 3.7 | 0.014 | 0.07 | 0.9 | 2.3 |
| 105G_1987_1435 | 0 | 0.07 | 0.8 | 0.99 | 3.2 | 1.0 | 2 | 54.7 | <0.02 | 4.4 | 0.012 | 0.09 | 1.5 | 3.2 |
| 105G_1987_1436 | 0 | 0.04 | 0.6 | 0.67 | 2.6 | 0.4 | 3 | 46.1 | <0.02 | 3.6 | 0.015 | 0.07 | 0.8 | 2.5 |
| 105G_1987_1437 | 0 | 0.94 | 0.4 | 0.61 | 0.9 | 2.7 | 2 | 123.9 | <0.02 | 1.5 | 0.008 | 0.06 | 22.9 | 21.9 |
| 105G_1987_1438 | 0 | 0.02 | 0.6 | 0.70 | 2.4 | 0.4 | 2 | 36.0 | <0.02 | 3.9 | 0.023 | 0.07 | 0.9 | 3.0 |
| 105G_1987_1439 | 0 | 0.04 | 0.5 | 0.68 | 2.3 | 0.5 | 3 | 37.5 | <0.02 | 4.0 | 0.021 | 0.09 | 0.8 | 2.5 |
| 105G_1987_1440 | 0 | 0.17 | 0.5 | 0.64 | 1.7 | 2.5 | 3 | 49.7 | 0.02 | 1.7 | 0.011 | 0.07 | 0.9 | 2.9 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1406 | 1 | 45 | 43 | 2 | <0.1 | 83 | 89.2 |
| 105G_1987_1407 | 2 | 43 | 40 | 2 | <0.1 | 76 | 76.4 |
| 105G_1987_1408 | 0 | 60 | 63 | 2 | <0.1 | 135 | 144.4 |
| 105G_1987_1409 | 0 | 41 | 40 | 2 | 0.2 | 71 | 76.5 |
| 105G_1987_1410 | 0 | 45 | 46 | 2 | 0.5 | 88 | 90.1 |
| 105G_1987_1411 | 0 | 45 | 46 | 8 | 6.6 | 96 | 99.0 |
| 105G_1987_1412 | 0 | 48 | 51 | 6 | 0.1 | 70 | 82.6 |
| 105G_1987_1413 | 0 | 26 | 27 | 2 | <0.1 | 125 | 136.6 |
| 105G_1987_1414 | 0 | 13 | 13 | 4 | 0.4 | 55 | 58.6 |
| 105G_1987_1415 | 0 | 20 | 22 | 6 | 0.7 | 87 | 86.3 |
| 105G_1987_1416 | 0 | 18 | 23 | 2 | <0.1 | 298 | 290.3 |
| 105G_1987_1417 | 0 | 15 | 21 | 6 | 0.4 | 75 | 76.1 |
| 105G_1987_1418 | 0 | 10 | 22 | 6 | 0.7 | 57 | 57.8 |
| 105G_1987_1419 | 0 | 17 | 19 | 6 | 10.7 | 67 | 71.4 |
| 105G_1987_1420 | 0 | 18 | 20 | 2 | <0.1 | 271 | 255.7 |
| 105G_1987_1422 | 0 | 25 | 26 | 8 | 0.9 | 67 | 75.0 |
| 105G_1987_1423 | 0 | 15 | 20 | 8 | 1.8 | 110 | 120.4 |
| 105G_1987_1424 | 0 | 47 | 45 | 8 | 5.9 | 133 | 137.4 |
| 105G_1987_1425 | 0 | 24 | 24 | 24 | 9.9 | 80 | 88.2 |
| 105G_1987_1426 | 1 | 63 | 58 | 6 | 3.1 | 201 | 196.4 |
| 105G_1987_1427 | 2 | 62 | 61 | 6 | 1.8 | 200 | 205.8 |
| 105G_1987_1428 | 0 | 50 | 54 | 2 | 0.3 | 97 | 101.7 |
| 105G_1987_1430 | 0 | 59 | 63 | 2 | 0.2 | 119 | 123.9 |
| 105G_1987_1431 | 0 | 26 | 29 | 2 | 0.2 | 108 | 106.2 |
| 105G_1987_1432 | 0 | 25 | 25 | 2 | 0.8 | 85 | 83.9 |
| 105G_1987_1433 | 0 | 25 | 24 | 2 | 0.1 | 98 | 90.3 |
| 105G_1987_1434 | 0 | 23 | 25 | 2 | 1.1 | 70 | 68.9 |
| 105G_1987_1435 | 0 | 39 | 41 | 2 | <0.1 | 101 | 94.7 |
| 105G_1987_1436 | 0 | 37 | 40 | 2 | 0.1 | 87 | 83.6 |
| 105G_1987_1437 | 0 | 10 | 12 | 2 | <0.1 | 101 | 94.7 |
| 105G_1987_1438 | 0 | 224 | 30 | 2 | 0.7 | 70 | 69.1 |
| 105G_1987_1439 | 0 | 27 | 28 | 2 | 1.5 | 87 | 75.4 |
| 105G_1987_1440 | 0 | 26 | 25 | 2 | 0.6 | 90 | 82.2 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1442 | 0 | <0.2 | 78 | 0.57 | 7 | 9.9 | 2 | 10.0 | | | <1 | 894 | 203.5 | 0.14 |
| 105G_1987_1443 | 0 | <0.2 | 114 | 0.59 | 8 | 8.2 | <1 | 10.0 | | | <1 | 1006 | 149.8 | 0.13 |
| 105G_1987_1444 | 0 | <0.2 | 44 | 0.30 | 2 | 2.8 | <1 | 10.0 | | | 3 | 435 | 173.6 | 0.02 |
| 105G_1987_1445 | 0 | <0.2 | 133 | 1.45 | 10 | 8.7 | 1 | 10.0 | | | 2 | 1140 | 254.0 | 0.19 |
| 105G_1987_1446 | 1 | <0.2 | 131 | 1.24 | 6 | 7.2 | 3 | 10.0 | | | 1 | 891 | 171.3 | 0.23 |
| 105G_1987_1447 | 2 | <0.2 | 131 | 1.24 | 7 | 7.4 | <1 | 10.0 | | | 3 | 895 | 187.2 | 0.23 |
| 105G_1987_1448 | 0 | <0.2 | 105 | 1.45 | 2 | 3.7 | 9 | 10.0 | 4 | 10.0 | 1 | 939 | 151.1 | 0.13 |
| 105G_1987_1449 | 0 | <0.2 | 149 | 1.02 | 10 | 8.6 | 4 | 10.0 | | | 2 | 1200 | 297.0 | 0.18 |
| 105G_1987_1450 | 0 | <0.2 | 56 | 1.32 | 8 | 8.9 | 1 | 10.0 | | | 1 | 843 | 129.7 | 0.14 |
| 105G_1987_1451 | 0 | <0.2 | 106 | 0.76 | 12 | 10.1 | <1 | 10.0 | | | 1 | 1170 | 353.4 | 0.15 |
| 105G_1987_1452 | 0 | <0.2 | 98 | 0.86 | 14 | 13.0 | <1 | 10.0 | | | 1 | 1090 | 355.5 | 0.15 |
| 105G_1987_1453 | 0 | <0.2 | 40 | 0.14 | 200 | 169.5 | <1 | 10.0 | | | <1 | 1890 | 1566.0 | 0.02 |
| 105G_1987_1454 | 0 | 0.2 | 268 | 0.90 | 10 | 11.2 | 2 | 10.0 | | | 2 | 1330 | 262.3 | 0.16 |
| 105G_1987_1455 | 0 | <0.2 | 96 | 0.61 | 3 | 5.2 | 2 | 10.0 | | | 2 | 856 | 151.9 | 0.14 |
| 105G_1987_1456 | 0 | <0.2 | 100 | 1.09 | 35 | 46.5 | 18 | 10.0 | 4 | 10.0 | 25 | 1070 | 210.0 | 0.14 |
| 105G_1987_1457 | 0 | <0.2 | 99 | 0.82 | 10 | 13.0 | 10 | 10.0 | 1 | 10.0 | 1 | 927 | 137.9 | 0.28 |
| 105G_1987_1458 | 0 | <0.2 | 220 | 0.88 | 11 | 11.7 | <1 | 10.0 | | | 2 | 1130 | 201.3 | 0.20 |
| 105G_1987_1459 | 0 | <0.2 | 155 | 0.94 | 19 | 25.9 | <1 | 10.0 | | | 1 | 1370 | 366.2 | 0.17 |
| 105G_1987_1462 | 0 | 0.2 | 234 | 1.15 | 12 | 13.6 | 3 | 10.0 | | | 3 | 1320 | 271.3 | 0.17 |
| 105G_1987_1463 | 0 | <0.2 | 167 | 1.24 | 18 | 26.6 | 4 | 10.0 | | | 2 | 1180 | 340.5 | 0.21 |
| 105G_1987_1464 | 0 | <0.2 | 247 | 1.06 | 9 | 9.7 | 2 | 10.0 | | | <1 | 956 | 244.7 | 0.80 |
| 105G_1987_1465 | 0 | <0.2 | 270 | 1.39 | 8 | 8.0 | 1 | 10.0 | | | 2 | 1310 | 417.6 | 0.62 |
| 105G_1987_1466 | 0 | <0.2 | 109 | 0.72 | 10 | 13.0 | 4 | 10.0 | | | 1 | 1070 | 306.6 | 0.14 |
| 105G_1987_1467 | 0 | <0.2 | 122 | 0.79 | 18 | 23.9 | <1 | 10.0 | | | 2 | 1140 | 337.4 | 0.18 |
| 105G_1987_1468 | 0 | <0.2 | 115 | 0.79 | 35 | 41.2 | <1 | 10.0 | | | 1 | 1080 | 352.1 | 0.52 |
| 105G_1987_1469 | 0 | <0.2 | 231 | 0.94 | 300 | 297.3 | 4 | 10.0 | | | 4 | 1520 | 738.7 | 0.19 |
| 105G_1987_1471 | 1 | <0.2 | 107 | 2.11 | 18 | 23.7 | <1 | 10.0 | | | 4 | 687 | 211.6 | 0.07 |
| 105G_1987_1472 | 2 | <0.2 | 117 | 2.25 | 14 | 18.3 | <1 | 10.0 | | | 3 | 641 | 208.8 | 0.07 |
| 105G_1987_1473 | 0 | <0.2 | 322 | 1.40 | 14 | 17.4 | 2 | 10.0 | | | 3 | 1140 | 300.1 | 0.20 |
| 105G_1987_1474 | 0 | <0.2 | 169 | 0.91 | 17 | 20.6 | <1 | 10.0 | | | 2 | 1290 | 425.8 | 0.19 |
| 105G_1987_1475 | 0 | <0.2 | 143 | 1.07 | 11 | 11.2 | <1 | 10.0 | | | 2 | 1120 | 268.8 | 0.27 |
| 105G_1987_1476 | 0 | <0.2 | 209 | 1.05 | 40 | 41.7 | 3 | 10.0 | | | 2 | 1540 | 698.7 | 0.20 |
| 105G_1987_1477 | 0 | <0.2 | 140 | 1.00 | 18 | 27.6 | <1 | 10.0 | | | 3 | 832 | 174.6 | 0.22 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1442 | 0 | 0.88 | 0.2 | 0.34 | 7 | 6.7 | 14.9 | 12 | 12.10 | 505 | 1.50 | 1.26 | 2.1 | 50 | 41 |
| 105G_1987_1443 | 0 | 0.68 | 0.3 | 0.42 | 7 | 7.6 | 20.9 | 22 | 20.36 | 385 | 1.80 | 1.48 | 2.1 | 65 | 201 |
| 105G_1987_1444 | 0 | 2.50 | 0.4 | 0.41 | <2 | 0.9 | 4.5 | 10 | 9.10 | 160 | 0.53 | 0.46 | 0.6 | 75 | 77 |
| 105G_1987_1445 | 0 | 1.17 | 0.3 | 0.47 | 14 | 13.8 | 42.7 | 27 | 26.67 | 580 | 2.94 | 2.49 | 4.8 | 85 | 66 |
| 105G_1987_1446 | 1 | 1.26 | <0.2 | 0.49 | 12 | 11.0 | 38.3 | 29 | 29.07 | 610 | 2.68 | 2.18 | 4.4 | 40 | 45 |
| 105G_1987_1447 | 2 | 1.20 | 0.3 | 0.54 | 12 | 12.4 | 40.4 | 30 | 29.79 | 515 | 2.66 | 2.23 | 4.3 | 40 | 55 |
| 105G_1987_1448 | 0 | 1.16 | <0.2 | 0.28 | 15 | 15.0 | 60.8 | 41 | 41.62 | 585 | 2.57 | 2.21 | 4.9 | 40 | 38 |
| 105G_1987_1449 | 0 | 1.33 | 0.2 | 0.53 | 11 | 12.2 | 42.6 | 23 | 20.37 | 495 | 2.57 | 2.32 | 3.4 | 60 | 50 |
| 105G_1987_1450 | 0 | 1.99 | <0.2 | 0.32 | 19 | 21.1 | 46.8 | 39 | 39.10 | 515 | 2.95 | 2.85 | 4.2 | 20 | 18 |
| 105G_1987_1451 | 0 | 1.19 | 0.5 | 0.61 | 11 | 10.0 | 33.7 | 17 | 15.11 | 450 | 3.04 | 2.73 | 2.6 | 65 | 51 |
| 105G_1987_1452 | 0 | 0.99 | 0.5 | 0.63 | 11 | 10.8 | 39.1 | 12 | 11.03 | 495 | 4.11 | 3.94 | 2.8 | 65 | 60 |
| 105G_1987_1453 | 0 | 1.81 | 0.3 | 1.16 | 11 | 13.5 | 12.1 | 12 | 10.38 | 75 | 29.90 | 38.21 | 0.9 | 60 | 56 |
| 105G_1987_1454 | 0 | 1.11 | 1.3 | 1.34 | 7 | 7.1 | 43.3 | 42 | 43.40 | 435 | 1.92 | 1.54 | 3.2 | 110 | 109 |
| 105G_1987_1455 | 0 | 0.56 | 0.2 | 0.42 | 6 | 7.4 | 42.2 | 9 | 9.49 | 360 | 1.85 | 1.66 | 2.0 | 40 | 42 |
| 105G_1987_1456 | 0 | 0.27 | <0.2 | 0.30 | 31 | 36.9 | 603.7 | 28 | 29.59 | 206 | 2.29 | 2.49 | 3.1 | 30 | 35 |
| 105G_1987_1457 | 0 | 0.48 | 0.2 | 0.48 | 14 | 15.7 | 28.0 | 24 | 25.97 | 425 | 3.10 | 3.11 | 2.8 | 35 | 39 |
| 105G_1987_1458 | 0 | 0.62 | 0.6 | 0.75 | 10 | 9.8 | 27.2 | 17 | 16.28 | 390 | 2.36 | 1.96 | 2.7 | 65 | 60 |
| 105G_1987_1459 | 0 | 0.77 | 0.6 | 0.72 | 11 | 11.2 | 26.0 | 19 | 18.10 | 455 | 3.08 | 2.93 | 3.0 | 80 | 71 |
| 105G_1987_1462 | 0 | 1.11 | 0.9 | 0.99 | 14 | 13.3 | 47.4 | 42 | 38.17 | 525 | 2.95 | 2.46 | 3.8 | 125 | 95 |
| 105G_1987_1463 | 0 | 1.05 | 0.7 | 0.86 | 17 | 16.7 | 54.6 | 30 | 28.83 | 485 | 3.47 | 3.08 | 4.1 | 100 | 77 |
| 105G_1987_1464 | 0 | 0.53 | 1.4 | 1.40 | 8 | 8.0 | 21.7 | 12 | 11.03 | 485 | 2.49 | 2.01 | 3.6 | 100 | 77 |
| 105G_1987_1465 | 0 | 0.80 | 2.0 | 1.81 | 8 | 8.2 | 30.7 | 22 | 20.40 | 535 | 2.37 | 1.97 | 3.5 | 125 | 106 |
| 105G_1987_1466 | 0 | 0.68 | 0.3 | 0.50 | 10 | 10.0 | 44.1 | 17 | 17.21 | 485 | 2.02 | 1.88 | 2.2 | 65 | 48 |
| 105G_1987_1467 | 0 | 0.85 | 0.7 | 0.85 | 11 | 12.3 | 59.6 | 23 | 23.20 | 495 | 2.46 | 2.35 | 2.7 | 60 | 52 |
| 105G_1987_1468 | 0 | 0.66 | 0.5 | 0.68 | 6 | 6.9 | 25.3 | 12 | 11.48 | 470 | 1.91 | 1.62 | 2.6 | 75 | 56 |
| 105G_1987_1469 | 0 | 2.00 | 1.8 | 1.88 | 23 | 22.7 | 30.6 | 46 | 42.48 | 400 | 5.85 | 5.70 | 2.9 | 130 | 110 |
| 105G_1987_1471 | 1 | 1.85 | <0.2 | 0.42 | 23 | 22.7 | 204.1 | 58 | 54.28 | 390 | 3.86 | 3.48 | 6.5 | 70 | 57 |
| 105G_1987_1472 | 2 | 1.96 | <0.2 | 0.44 | 24 | 23.2 | 211.6 | 59 | 56.51 | 410 | 3.86 | 3.59 | 6.9 | 60 | 47 |
| 105G_1987_1473 | 0 | 1.37 | 2.1 | 2.32 | 19 | 18.2 | 57.7 | 46 | 44.18 | 505 | 3.57 | 3.28 | 4.2 | 125 | 100 |
| 105G_1987_1474 | 0 | 1.07 | 1.1 | 1.10 | 12 | 11.4 | 43.0 | 28 | 26.04 | 580 | 2.98 | 2.65 | 2.8 | 110 | 86 |
| 105G_1987_1475 | 0 | 1.41 | 0.3 | 0.49 | 10 | 12.0 | 34.2 | 23 | 24.25 | 685 | 2.50 | 2.35 | 3.8 | 60 | 40 |
| 105G_1987_1476 | 0 | 1.57 | 1.5 | 1.52 | 14 | 13.5 | 44.6 | 28 | 27.38 | 410 | 4.15 | 3.91 | 3.3 | 100 | 86 |
| 105G_1987_1477 | 0 | 2.07 | 0.8 | 0.85 | 11 | 9.9 | 26.6 | 36 | 33.47 | 645 | 2.46 | 2.10 | 3.1 | 95 | 59 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_1442 | 0 | 0.06 | 10.5 | 9.8 | 0.34 | 583 | 710 | <2 | 0.62 | 0.008 | 16 | 15.6 | 0.114 | 8 | 7.67 |
| 105G_1987_1443 | 0 | 0.06 | 12.1 | 2.4 | 0.56 | 143 | 170 | <2 | 0.69 | 0.006 | 27 | 25.0 | 0.094 | 10 | 8.69 |
| 105G_1987_1444 | 0 | 0.02 | 2.9 | 63.6 | 0.24 | 76 | 92 | <2 | 0.51 | 0.025 | 6 | 4.9 | 0.110 | <2 | 1.26 |
| 105G_1987_1445 | 0 | 0.12 | 20.9 | 11.2 | 0.84 | 639 | 811 | <2 | 0.60 | 0.031 | 39 | 36.8 | 0.163 | 9 | 9.59 |
| 105G_1987_1446 | 1 | 0.11 | 21.1 | 13.2 | 0.68 | 247 | 278 | <2 | 0.59 | 0.023 | 36 | 34.4 | 0.120 | 12 | 12.69 |
| 105G_1987_1447 | 2 | 0.12 | 22.2 | 11.8 | 0.72 | 245 | 292 | <2 | 0.62 | 0.023 | 37 | 37.2 | 0.125 | 12 | 12.99 |
| 105G_1987_1448 | 0 | 0.10 | 24.8 | 14.8 | 1.04 | 130 | 157 | <2 | 0.24 | 0.016 | 53 | 52.4 | 0.132 | 8 | 8.59 |
| 105G_1987_1449 | 0 | 0.10 | 20.2 | 5.4 | 0.89 | 289 | 364 | <2 | 0.86 | 0.012 | 37 | 37.7 | 0.145 | 11 | 11.12 |
| 105G_1987_1450 | 0 | 0.07 | 21.3 | 2.0 | 1.52 | 588 | 700 | <2 | 0.82 | 0.007 | 62 | 60.8 | 0.130 | 8 | 9.65 |
| 105G_1987_1451 | 0 | 0.07 | 15.1 | 11.8 | 0.53 | 1620 | 1400 | <2 | 0.91 | 0.013 | 33 | 30.7 | 0.138 | 11 | 11.23 |
| 105G_1987_1452 | 0 | 0.06 | 16.1 | 14.4 | 0.54 | 2160 | 2010 | <2 | 0.72 | 0.010 | 33 | 34.4 | 0.126 | 13 | 12.59 |
| 105G_1987_1453 | 0 | 0.01 | 3.6 | 24.8 | 0.10 | 8360 | 9627 | 15 | 14.99 | 0.004 | 25 | 37.1 | 0.028 | <2 | 1.85 |
| 105G_1987_1454 | 0 | 0.09 | 10.8 | 22.2 | 0.57 | 111 | 125 | 3 | 2.13 | 0.010 | 55 | 49.8 | 0.114 | 8 | 11.28 |
| 105G_1987_1455 | 0 | 0.08 | 18.5 | 5.6 | 0.46 | 187 | 242 | <2 | 0.28 | 0.006 | 41 | 43.1 | 0.115 | 9 | 10.11 |
| 105G_1987_1456 | 0 | 0.05 | 8.6 | 7.8 | 5.68 | 202 | 302 | <2 | 0.40 | 0.008 | 716 | 682.6 | 0.057 | 9 | 9.54 |
| 105G_1987_1457 | 0 | 0.08 | 34.4 | 4.4 | 0.48 | 274 | 359 | <2 | 0.79 | 0.006 | 42 | 39.0 | 0.127 | 18 | 19.87 |
| 105G_1987_1458 | 0 | 0.09 | 17.6 | 8.6 | 0.42 | 322 | 384 | <2 | 1.01 | 0.009 | 33 | 28.2 | 0.124 | 16 | 15.05 |
| 105G_1987_1459 | 0 | 0.08 | 17.1 | 8.2 | 0.50 | 2826 | 2557 | <2 | 1.18 | 0.010 | 30 | 28.0 | 0.144 | 10 | 11.39 |
| 105G_1987_1462 | 0 | 0.10 | 12.8 | 15.0 | 0.83 | 415 | 464 | <2 | 1.21 | 0.010 | 51 | 49.4 | 0.128 | 11 | 10.46 |
| 105G_1987_1463 | 0 | 0.10 | 17.7 | 13.2 | 0.80 | 683 | 793 | <2 | 0.66 | 0.014 | 48 | 46.0 | 0.142 | 12 | 11.37 |
| 105G_1987_1464 | 0 | 0.09 | 22.7 | 9.6 | 0.36 | 469 | 564 | <2 | 0.60 | 0.011 | 18 | 17.8 | 0.134 | 12 | 11.11 |
| 105G_1987_1465 | 0 | 0.13 | 24.1 | 15.4 | 0.48 | 307 | 354 | <2 | 0.74 | 0.015 | 34 | 34.2 | 0.124 | 10 | 12.05 |
| 105G_1987_1466 | 0 | 0.06 | 16.1 | 3.8 | 0.71 | 276 | 344 | <2 | 0.56 | 0.010 | 46 | 44.4 | 0.143 | 9 | 9.03 |
| 105G_1987_1467 | 0 | 0.09 | 16.7 | 6.6 | 0.82 | 921 | 1128 | <2 | 0.79 | 0.012 | 55 | 59.0 | 0.129 | 9 | 10.42 |
| 105G_1987_1468 | 0 | 0.09 | 16.1 | 6.8 | 0.45 | 1027 | 1321 | <2 | 0.93 | 0.016 | 24 | 24.8 | 0.132 | 6 | 8.40 |
| 105G_1987_1469 | 0 | 0.08 | 10.4 | 30.0 | 0.80 | 11270 | 9225 | <2 | 1.81 | 0.010 | 52 | 50.2 | 0.163 | 7 | 8.94 |
| 105G_1987_1471 | 1 | 0.06 | 12.5 | 31.8 | 1.96 | 293 | 358 | <2 | 0.60 | 0.020 | 93 | 91.1 | 0.141 | 6 | 5.03 |
| 105G_1987_1472 | 2 | 0.06 | 12.9 | 32.4 | 2.04 | 166 | 212 | <2 | 0.57 | 0.020 | 99 | 95.4 | 0.148 | 3 | 4.98 |
| 105G_1987_1473 | 0 | 0.13 | 15.3 | 19.2 | 1.00 | 2210 | 1900 | <2 | 1.39 | 0.014 | 59 | 56.5 | 0.172 | 11 | 11.13 |
| 105G_1987_1474 | 0 | 0.09 | 14.3 | 10.4 | 0.73 | 3244 | 2787 | <2 | 1.10 | 0.012 | 53 | 47.2 | 0.163 | 10 | 10.73 |
| 105G_1987_1475 | 0 | 0.09 | 19.6 | 4.8 | 0.73 | 283 | 356 | <2 | 0.82 | 0.018 | 33 | 33.8 | 0.179 | 9 | 9.72 |
| 105G_1987_1476 | 0 | 0.09 | 13.4 | 24.6 | 0.71 | 6294 | 5289 | <2 | 1.03 | 0.017 | 42 | 44.1 | 0.151 | 11 | 12.39 |
| 105G_1987_1477 | 0 | 0.08 | 17.6 | 22.8 | 0.68 | 173 | 125 | <2 | 0.34 | 0.016 | 33 | 30.1 | 0.125 | 13 | 11.72 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_1442 | 0 | 0.07 | 0.4 | 0.48 | 1.4 | 0.6 | 4 | 43.7 | <0.02 | 2.4 | 0.010 | 0.08 | 4.9 | 5.9 |
| 105G_1987_1443 | 0 | 0.02 | 0.5 | 0.80 | 1.8 | 0.3 | 2 | 31.9 | <0.02 | 3.7 | 0.015 | 0.08 | 0.7 | 2.3 |
| 105G_1987_1444 | 0 | 0.58 | 0.2 | 0.31 | 0.5 | 1.4 | 4 | 123.6 | <0.02 | 0.4 | 0.010 | 0.02 | 3.1 | 3.4 |
| 105G_1987_1445 | 0 | 0.09 | 0.2 | 0.49 | 3.3 | 1.3 | 3 | 98.0 | <0.02 | 4.8 | 0.033 | 0.16 | 2.7 | 4.6 |
| 105G_1987_1446 | 1 | 0.08 | 0.4 | 0.67 | 3.1 | 1.0 | 3 | 95.4 | <0.02 | 4.1 | 0.026 | 0.14 | 2.5 | 3.7 |
| 105G_1987_1447 | 2 | 0.05 | 0.4 | 0.86 | 3.3 | 1.0 | 3 | 88.4 | 0.03 | 4.9 | 0.028 | 0.16 | 1.9 | 3.5 |
| 105G_1987_1448 | 0 | 0.20 | 0.2 | 0.35 | 4.1 | 0.7 | 2 | 82.5 | <0.02 | 5.2 | 0.035 | 0.23 | 3.7 | 5.5 |
| 105G_1987_1449 | 0 | 0.01 | 0.6 | 0.72 | 3.1 | 0.6 | 6 | 62.8 | <0.02 | 5.2 | 0.022 | 0.11 | 0.9 | 3.1 |
| 105G_1987_1450 | 0 | <0.01 | 0.6 | 0.66 | 5.0 | 0.3 | 4 | 75.6 | <0.02 | 4.6 | 0.020 | 0.06 | 0.6 | 2.2 |
| 105G_1987_1451 | 0 | 0.06 | 0.4 | 0.63 | 2.5 | 1.6 | 5 | 77.7 | 0.02 | 3.4 | 0.012 | 0.07 | 0.8 | 2.7 |
| 105G_1987_1452 | 0 | 0.09 | 0.2 | 0.36 | 2.6 | 1.6 | 3 | 71.1 | <0.02 | 4.1 | 0.010 | 0.06 | 1.1 | 3.0 |
| 105G_1987_1453 | 0 | 0.14 | 0.4 | 0.73 | 1.3 | 2.6 | 3 | 87.9 | <0.02 | 1.0 | 0.003 | 0.06 | 0.6 | 0.8 |
| 105G_1987_1454 | 0 | 0.70 | 0.9 | 1.41 | 3.0 | 3.8 | 3 | 63.1 | <0.02 | 3.3 | 0.009 | 0.14 | 8.0 | 9.2 |
| 105G_1987_1455 | 0 | 0.04 | 0.2 | 0.43 | 1.8 | 0.5 | 2 | 31.2 | <0.02 | 5.3 | 0.010 | 0.06 | 0.8 | 3.2 |
| 105G_1987_1456 | 0 | 0.07 | 7.0 | 5.57 | 5.9 | 0.9 | 3 | 16.0 | <0.02 | 3.4 | 0.015 | 0.06 | 1.8 | 3.0 |
| 105G_1987_1457 | 0 | 0.04 | 0.6 | 0.65 | 3.2 | 0.2 | 2 | 35.6 | <0.02 | 9.4 | 0.012 | 0.07 | 1.3 | 3.9 |
| 105G_1987_1458 | 0 | 0.07 | 0.7 | 0.81 | 2.3 | 1.0 | 1 | 38.8 | <0.02 | 2.5 | 0.016 | 0.10 | 1.4 | 3.9 |
| 105G_1987_1459 | 0 | 0.08 | 0.4 | 0.57 | 2.6 | 1.4 | 1 | 55.9 | <0.02 | 4.5 | 0.014 | 0.10 | 1.6 | 3.8 |
| 105G_1987_1462 | 0 | 0.11 | 0.9 | 0.98 | 3.5 | 2.6 | 4 | 51.2 | <0.02 | 2.8 | 0.015 | 0.12 | 1.0 | 2.9 |
| 105G_1987_1463 | 0 | 0.16 | 0.5 | 0.59 | 3.6 | 2.4 | 3 | 77.8 | <0.02 | 4.2 | 0.018 | 0.11 | 2.2 | 3.9 |
| 105G_1987_1464 | 0 | 0.10 | 0.3 | 0.36 | 2.4 | 0.7 | 6 | 40.3 | <0.02 | 3.6 | 0.021 | 0.18 | 7.2 | 10.9 |
| 105G_1987_1465 | 0 | 0.08 | 0.5 | 0.67 | 3.1 | 2.1 | 1 | 49.9 | <0.02 | 3.2 | 0.017 | 0.16 | 12.1 | 13.3 |
| 105G_1987_1466 | 0 | 0.06 | 0.7 | 0.69 | 2.4 | 0.6 | 4 | 35.5 | <0.02 | 4.0 | 0.021 | 0.07 | 0.8 | 2.6 |
| 105G_1987_1467 | 0 | 0.07 | 0.7 | 0.88 | 2.8 | 1.0 | 2 | 43.7 | <0.02 | 3.9 | 0.022 | 0.09 | 0.9 | 2.5 |
| 105G_1987_1468 | 0 | 0.04 | 0.4 | 0.39 | 2.0 | 0.8 | 2 | 46.0 | <0.02 | 3.6 | 0.018 | 0.10 | 2.3 | 3.8 |
| 105G_1987_1469 | 0 | 0.24 | 0.7 | 0.83 | 2.8 | 5.8 | 7 | 103.5 | 0.03 | 2.3 | 0.009 | 0.16 | 2.5 | 3.3 |
| 105G_1987_1471 | 1 | 0.21 | 0.5 | 0.26 | 6.8 | 2.8 | 7 | 67.6 | <0.02 | 0.6 | 0.023 | 0.07 | 0.9 | 2.1 |
| 105G_1987_1472 | 2 | 0.22 | 0.4 | 0.27 | 7.1 | 3.7 | 7 | 70.5 | <0.02 | 0.7 | 0.023 | 0.07 | 1.0 | 2.1 |
| 105G_1987_1473 | 0 | 0.10 | 0.6 | 0.72 | 3.8 | 4.3 | 5 | 64.6 | <0.02 | 2.8 | 0.013 | 0.11 | 1.0 | 2.8 |
| 105G_1987_1474 | 0 | 0.06 | 0.3 | 0.87 | 2.7 | 1.9 | 2 | 73.2 | <0.02 | 3.6 | 0.014 | 0.11 | 1.6 | 3.3 |
| 105G_1987_1475 | 0 | 0.01 | 0.6 | 0.60 | 2.9 | 0.8 | 7 | 76.2 | 0.03 | 4.9 | 0.024 | 0.10 | 1.3 | 3.0 |
| 105G_1987_1476 | 0 | 0.21 | 0.4 | 0.60 | 2.7 | 5.5 | 5 | 130.5 | 0.03 | 2.2 | 0.014 | 0.13 | 1.5 | 3.5 |
| 105G_1987_1477 | 0 | 0.32 | 0.2 | 0.43 | 3.4 | 1.6 | 5 | 153.6 | <0.02 | 3.9 | 0.016 | 0.17 | 2.1 | 3.3 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1442 | 0 | 15 | 21 | 2 | 0.2 | 72 | 73.2 |
| 105G_1987_1443 | 0 | 19 | 21 | 2 | <0.1 | 80 | 74.6 |
| 105G_1987_1444 | 0 | 5 | 4 | 2 | <0.1 | 34 | 33.9 |
| 105G_1987_1445 | 0 | 39 | 38 | 2 | 0.1 | 122 | 115.5 |
| 105G_1987_1446 | 1 | 31 | 29 | 2 | 0.3 | 103 | 92.7 |
| 105G_1987_1447 | 2 | 31 | 30 | 2 | 1.2 | 109 | 102.3 |
| 105G_1987_1448 | 0 | 40 | 42 | 2 | 0.2 | 108 | 101.4 |
| 105G_1987_1449 | 0 | 36 | 38 | 2 | 3.3 | 102 | 96.8 |
| 105G_1987_1450 | 0 | 39 | 45 | 2 | <0.1 | 73 | 66.9 |
| 105G_1987_1451 | 0 | 28 | 27 | 2 | 0.3 | 133 | 113.0 |
| 105G_1987_1452 | 0 | 22 | 25 | 2 | 0.7 | 158 | 144.2 |
| 105G_1987_1453 | 0 | 10 | 13 | 2 | <0.1 | 35 | 26.3 |
| 105G_1987_1454 | 0 | 46 | 44 | 2 | 0.1 | 131 | 120.9 |
| 105G_1987_1455 | 0 | 17 | 20 | 2 | <0.1 | 92 | 94.9 |
| 105G_1987_1456 | 0 | 35 | 34 | 2 | 0.4 | 72 | 73.7 |
| 105G_1987_1457 | 0 | 29 | 31 | 2 | 0.1 | 99 | 100.6 |
| 105G_1987_1458 | 0 | 27 | 28 | 2 | 0.2 | 150 | 140.4 |
| 105G_1987_1459 | 0 | 30 | 33 | 2 | 0.6 | 106 | 111.7 |
| 105G_1987_1462 | 0 | 47 | 44 | 2 | 0.1 | 157 | 140.3 |
| 105G_1987_1463 | 0 | 44 | 40 | 4 | 1.2 | 146 | 132.1 |
| 105G_1987_1464 | 0 | 32 | 28 | 8 | 9.8 | 110 | 98.2 |
| 105G_1987_1465 | 0 | 30 | 28 | 6 | 1.8 | 191 | 166.3 |
| 105G_1987_1466 | 0 | 26 | 30 | 2 | 1.6 | 75 | 78.6 |
| 105G_1987_1467 | 0 | 34 | 39 | 2 | 0.4 | 96 | 95.2 |
| 105G_1987_1468 | 0 | 26 | 24 | 6 | 3.3 | 85 | 86.0 |
| 105G_1987_1469 | 0 | 57 | 48 | 2 | 0.4 | 168 | 150.9 |
| 105G_1987_1471 | 1 | 102 | 90 | 2 | <0.1 | 115 | 106.0 |
| 105G_1987_1472 | 2 | 102 | 94 | 2 | <0.1 | 121 | 118.7 |
| 105G_1987_1473 | 0 | 43 | 42 | 2 | 0.2 | 221 | 209.9 |
| 105G_1987_1474 | 0 | 39 | 36 | 6 | 0.6 | 127 | 120.9 |
| 105G_1987_1475 | 0 | 35 | 35 | 8 | 2.9 | 91 | 99.0 |
| 105G_1987_1476 | 0 | 37 | 34 | 2 | 0.3 | 161 | 155.9 |
| 105G_1987_1477 | 0 | 39 | 35 | 2 | <0.1 | 171 | 157.5 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1478 | 0 | <0.2 | 176 | 0.97 | 9 | 10.7 | <1 | 10.0 | | | 1 | 1180 | 271.2 | 0.19 |
| 105G_1987_1479 | 0 | <0.2 | 103 | 0.59 | 18 | 15.6 | 2 | 10.0 | | | 1 | 1105 | 215.3 | 0.07 |
| 105G_1987_1480 | 0 | <0.2 | 109 | 0.79 | 13 | 13.2 | <1 | 10.0 | | | 1 | 977 | 223.2 | 0.16 |
| 105G_1987_1482 | 0 | 0.2 | 66 | 0.32 | 7 | 11.6 | <1 | 10.0 | | | 16 | 583 | 52.0 | 0.06 |
| 105G_1987_1483 | 0 | 0.3 | 258 | 1.40 | 4 | 5.2 | <1 | 10.0 | | | 1 | 1760 | 314.9 | 0.30 |
| 105G_1987_1484 | 0 | 0.4 | 157 | 1.85 | 8 | 9.8 | <1 | 10.0 | | | <1 | 1260 | 210.7 | 0.65 |
| 105G_1987_1485 | 0 | 0.4 | 159 | 2.01 | 8 | 10.1 | <1 | 10.0 | | | 1 | 1110 | 159.5 | 0.71 |
| 105G_1987_1486 | 0 | <0.2 | 215 | 1.65 | 7 | 8.7 | <1 | 10.0 | | | <1 | 1250 | 252.7 | 1.01 |
| 105G_1987_1487 | 0 | <0.2 | 70 | 1.48 | 5 | 7.6 | <1 | 10.0 | | | <1 | 876 | 96.8 | 0.93 |
| 105G_1987_1488 | 1 | 0.2 | 132 | 1.76 | 60 | 42.1 | <1 | 10.0 | | | <1 | 861 | 76.5 | 2.29 |
| 105G_1987_1489 | 2 | 0.2 | 175 | 2.09 | 80 | 68.3 | <1 | 10.0 | | | <1 | 891 | 87.0 | 2.54 |
| 105G_1987_1490 | 0 | 0.2 | 185 | 1.03 | 4 | 5.1 | <1 | 10.0 | | | <1 | 1940 | 96.1 | 0.18 |
| 105G_1987_1491 | 0 | <0.2 | 320 | 1.98 | 70 | 56.4 | <1 | 10.0 | | | <1 | 928 | 104.7 | 2.44 |
| 105G_1987_1492 | 0 | <0.2 | 20 | 1.92 | 30 | 28.3 | <1 | 10.0 | | | <1 | 759 | 151.8 | 0.57 |
| 105G_1987_1493 | 0 | 0.2 | 345 | 1.26 | 14 | 17.8 | 2 | 10.0 | | | <1 | 1460 | 142.5 | 0.58 |
| 105G_1987_1494 | 0 | 0.5 | 344 | 1.37 | 4 | 5.5 | <1 | 10.0 | | | 1 | 1670 | 131.9 | 0.25 |
| 105G_1987_1495 | 0 | 0.4 | 386 | 2.00 | 16 | 18.6 | <1 | 10.0 | | | 1 | 1620 | 162.6 | 1.02 |
| 105G_1987_1496 | 0 | 0.8 | 648 | 2.13 | 35 | 28.2 | <1 | 10.0 | | | <1 | 1790 | 151.9 | 1.29 |
| 105G_1987_1497 | 0 | 0.3 | 285 | 0.89 | 5 | 7.0 | <1 | 10.0 | | | <1 | 1310 | 122.7 | 0.14 |
| 105G_1987_1498 | 0 | 0.5 | 515 | 0.93 | 38 | 26.8 | <1 | 10.0 | | | <1 | 1950 | 323.4 | 0.30 |
| 105G_1987_1499 | 0 | 0.4 | 459 | 1.78 | 60 | 41.9 | <1 | 10.0 | | | <1 | 1430 | 173.2 | 1.04 |
| 105G_1987_1502 | 0 | 0.3 | 274 | 0.94 | 5 | 5.3 | 2 | 10.0 | | | 2 | 2100 | 631.7 | 0.22 |
| 105G_1987_1503 | 0 | 0.4 | 398 | 0.64 | 7 | 8.5 | 3 | 10.0 | | | 2 | 1800 | 515.1 | 0.18 |
| 105G_1987_1504 | 0 | 0.3 | 277 | 0.68 | 8 | 7.0 | 2 | 10.0 | | | 2 | 3110 | 1066.8 | 0.21 |
| 105G_1987_1505 | 0 | 0.4 | 446 | 0.70 | 7 | 8.4 | 2 | 10.0 | | | 3 | 2670 | 869.9 | 0.20 |
| 105G_1987_1506 | 0 | 0.4 | 244 | 1.58 | 12 | 14.8 | <1 | 10.0 | | | 2 | 1770 | 302.7 | 0.32 |
| 105G_1987_1507 | 0 | 0.4 | 333 | 0.91 | 9 | 9.8 | <1 | 10.0 | | | 4 | 2170 | 785.3 | 0.14 |
| 105G_1987_1508 | 0 | 0.6 | 402 | 0.97 | 6 | 4.9 | <1 | 10.0 | | | 6 | 1580 | 543.9 | 0.17 |
| 105G_1987_1509 | 0 | 0.9 | 675 | 2.04 | 60 | 46.8 | <1 | 10.0 | | | 3 | 2310 | 429.5 | 1.20 |
| 105G_1987_1510 | 0 | 0.8 | 535 | 1.32 | 17 | 21.6 | <1 | 10.0 | | | 3 | 1750 | 304.3 | 0.76 |
| 105G_1987_1511 | 1 | 0.4 | 408 | 2.41 | 80 | 51.6 | <1 | 10.0 | | | 2 | 1810 | 186.6 | 2.77 |
| 105G_1987_1513 | 2 | 0.5 | 434 | 2.30 | 70 | 53.7 | 2 | 10.0 | | | 2 | 1740 | 189.3 | 3.31 |
| 105G_1987_1514 | 0 | 0.4 | 352 | 1.34 | 20 | 23.6 | <1 | 10.0 | | | 1 | 2180 | 313.3 | 0.75 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1478 | 0 | 1.01 | 0.7 | 0.79 | 12 | 11.8 | 26.8 | 28 | 27.05 | 540 | 2.51 | 2.17 | 3.0 | 100 | 78 |
| 105G_1987_1479 | 0 | 0.67 | 0.5 | 0.45 | 7 | 6.3 | 14.7 | 16 | 14.24 | 500 | 1.74 | 1.39 | 1.8 | 85 | 68 |
| 105G_1987_1480 | 0 | 0.88 | 0.3 | 0.42 | 9 | 9.8 | 27.9 | 17 | 17.16 | 605 | 2.09 | 1.95 | 2.5 | 55 | 40 |
| 105G_1987_1482 | 0 | 3.63 | <0.2 | 0.57 | 9 | 3.3 | 20.0 | 19 | 19.43 | 60 | 3.28 | 5.60 | 0.7 | 75 | 94 |
| 105G_1987_1483 | 0 | 1.14 | 1.0 | 1.26 | 12 | 11.0 | 23.8 | 35 | 35.84 | 310 | 2.59 | 2.28 | 4.4 | 45 | 48 |
| 105G_1987_1484 | 0 | 0.91 | 0.7 | 0.84 | 7 | 7.1 | 19.3 | 12 | 10.93 | 415 | 2.33 | 2.05 | 5.9 | 30 | 33 |
| 105G_1987_1485 | 0 | 0.89 | 0.5 | 0.70 | 8 | 6.2 | 17.2 | 10 | 9.36 | 370 | 2.06 | 1.90 | 5.7 | 30 | 26 |
| 105G_1987_1486 | 0 | 0.50 | 1.4 | 1.55 | 7 | 4.4 | 15.2 | 11 | 9.14 | 265 | 1.93 | 1.49 | 4.8 | 45 | 33 |
| 105G_1987_1487 | 0 | 0.47 | 0.3 | 0.59 | 5 | 3.8 | 4.6 | 3 | 2.99 | 265 | 1.98 | 1.80 | 5.7 | 25 | 26 |
| 105G_1987_1488 | 1 | 0.69 | <0.2 | 0.18 | 3 | 4.1 | 5.7 | 6 | 4.92 | 435 | 2.06 | 1.78 | 6.5 | 20 | 12 |
| 105G_1987_1489 | 2 | 0.85 | <0.2 | 0.35 | 6 | 5.4 | 7.2 | 8 | 6.83 | 425 | 2.45 | 2.22 | 7.5 | 15 | 15 |
| 105G_1987_1490 | 0 | 0.34 | 0.7 | 0.90 | 6 | 7.6 | 14.3 | 25 | 22.39 | 505 | 2.27 | 2.01 | 2.7 | 25 | 20 |
| 105G_1987_1491 | 0 | 0.90 | 0.4 | 0.68 | 4 | 5.7 | 8.4 | 9 | 8.36 | 500 | 2.23 | 2.19 | 7.0 | 20 | 14 |
| 105G_1987_1492 | 0 | 0.68 | <0.2 | 0.13 | 4 | 6.3 | 4.8 | 5 | 4.59 | 500 | 2.92 | 2.85 | 8.0 | 20 | 7 |
| 105G_1987_1493 | 0 | 0.52 | 0.6 | 0.82 | 6 | 6.5 | 12.9 | 19 | 18.87 | 535 | 1.96 | 1.86 | 3.9 | 50 | 34 |
| 105G_1987_1494 | 0 | 0.44 | 0.8 | 1.17 | 15 | 13.2 | 19.1 | 43 | 42.57 | 735 | 2.70 | 2.58 | 3.6 | 50 | 48 |
| 105G_1987_1495 | 0 | 0.79 | 2.5 | 2.76 | 14 | 12.0 | 30.3 | 42 | 39.74 | 795 | 2.30 | 2.14 | 6.0 | 25 | 13 |
| 105G_1987_1496 | 0 | 1.04 | 3.3 | 3.55 | 11 | 11.5 | 30.2 | 57 | 55.20 | 800 | 2.28 | 2.18 | 6.4 | 20 | 15 |
| 105G_1987_1497 | 0 | 0.23 | 0.6 | 0.73 | 6 | 6.2 | 11.4 | 21 | 19.61 | 495 | 1.76 | 1.42 | 2.1 | 25 | 30 |
| 105G_1987_1498 | 0 | 1.13 | 2.8 | 2.86 | 10 | 8.9 | 15.9 | 33 | 31.20 | 620 | 2.09 | 2.04 | 2.8 | 25 | 26 |
| 105G_1987_1499 | 0 | 1.74 | 2.5 | 2.77 | 8 | 12.1 | 25.5 | 48 | 47.59 | 670 | 2.46 | 2.45 | 5.5 | 25 | 24 |
| 105G_1987_1502 | 0 | 0.96 | 1.3 | 1.34 | 11 | 9.5 | 13.7 | 33 | 30.86 | 395 | 2.34 | 1.96 | 2.6 | 85 | 86 |
| 105G_1987_1503 | 0 | 0.91 | 2.2 | 2.29 | 3 | 6.4 | 11.4 | 28 | 27.53 | 470 | 1.48 | 1.36 | 1.7 | 85 | 78 |
| 105G_1987_1504 | 0 | 0.67 | 2.6 | 2.75 | 10 | 6.7 | 10.2 | 27 | 26.90 | 425 | 1.56 | 1.62 | 2.0 | 55 | 65 |
| 105G_1987_1505 | 0 | 0.78 | 7.3 | 7.76 | 7 | 8.3 | 10.7 | 33 | 32.85 | 575 | 1.83 | 1.74 | 1.9 | 115 | 106 |
| 105G_1987_1506 | 0 | 1.04 | 1.4 | 1.60 | 11 | 11.2 | 25.7 | 30 | 29.46 | 455 | 2.35 | 2.53 | 4.9 | 50 | 38 |
| 105G_1987_1507 | 0 | 1.16 | 3.7 | 3.90 | 12 | 11.1 | 12.9 | 21 | 19.71 | 620 | 3.75 | 3.64 | 2.9 | 75 | 84 |
| 105G_1987_1508 | 0 | 1.36 | 3.8 | 4.03 | 13 | 10.8 | 12.6 | 32 | 32.32 | 345 | 2.77 | 2.57 | 2.2 | 140 | 163 |
| 105G_1987_1509 | 0 | 0.98 | 4.2 | 4.17 | 14 | 12.5 | 33.4 | 48 | 48.71 | 620 | 2.56 | 2.67 | 6.0 | 50 | 31 |
| 105G_1987_1510 | 0 | 1.26 | 4.3 | 4.34 | 12 | 8.3 | 24.8 | 31 | 29.91 | 640 | 1.53 | 1.88 | 3.8 | 50 | 34 |
| 105G_1987_1511 | 1 | 1.25 | 4.1 | 4.28 | 4 | 11.8 | 35.7 | 41 | 38.47 | 485 | 2.57 | 2.92 | 8.1 | 20 | 19 |
| 105G_1987_1513 | 2 | 1.16 | 4.6 | 4.82 | 10 | 12.1 | 34.2 | 39 | 39.18 | 655 | 2.47 | 2.78 | 7.6 | 20 | 16 |
| 105G_1987_1514 | 0 | 1.69 | 2.8 | 2.91 | 8 | 8.4 | 25.2 | 30 | 29.11 | 620 | 1.98 | 1.90 | 4.3 | 20 | 23 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|---------------|-------------|------------|---------------|-------------|------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_1478 | 0 | 0.08 | 15.7 | 7.7 | 0.64 | 438 | 551 | <2 | 0.37 | 0.014 | 33 | 32.6 | 0.136 | 9 | 10.40 |
| 105G_1987_1479 | 0 | 0.05 | 10.2 | 7.6 | 0.36 | 307 | 333 | <2 | 0.23 | 0.009 | 21 | 17.5 | 0.129 | 5 | 5.24 |
| 105G_1987_1480 | 0 | 0.05 | 16.2 | 2.6 | 0.65 | 213 | 263 | <2 | 0.62 | 0.012 | 30 | 29.2 | 0.160 | 6 | 9.29 |
| 105G_1987_1482 | 0 | 0.02 | 1.3 | 74.7 | 0.40 | 1980 | 2410 | 3 | 3.65 | 0.010 | 156 | 157.8 | 0.101 | 2 | 1.46 |
| 105G_1987_1483 | 0 | 0.11 | 14.2 | 16.2 | 0.88 | 278 | 306 | <2 | 0.82 | 0.018 | 32 | 28.4 | 0.103 | 16 | 14.96 |
| 105G_1987_1484 | 0 | 0.17 | 18.4 | 10.8 | 0.70 | 384 | 440 | <2 | 1.05 | 0.061 | 14 | 14.0 | 0.092 | 9 | 9.10 |
| 105G_1987_1485 | 0 | 0.19 | 17.3 | 10.2 | 0.65 | 355 | 440 | <2 | 1.27 | 0.074 | 13 | 12.4 | 0.096 | 10 | 9.23 |
| 105G_1987_1486 | 0 | 0.11 | 13.7 | 15.6 | 0.41 | 227 | 249 | 2 | 1.88 | 0.017 | 14 | 13.0 | 0.101 | 11 | 9.70 |
| 105G_1987_1487 | 0 | 0.23 | 18.4 | 7.8 | 0.39 | 440 | 551 | <2 | 1.09 | 0.029 | 2 | 3.1 | 0.065 | 8 | 7.21 |
| 105G_1987_1488 | 1 | 0.09 | 13.3 | 5.2 | 0.54 | 276 | 341 | <2 | 1.61 | 0.014 | 5 | 5.3 | 0.065 | 17 | 16.07 |
| 105G_1987_1489 | 2 | 0.12 | 15.6 | 6.8 | 0.63 | 401 | 505 | 2 | 2.47 | 0.016 | 7 | 6.7 | 0.078 | 21 | 19.28 |
| 105G_1987_1490 | 0 | 0.06 | 20.9 | 3.8 | 0.76 | 134 | 181 | <2 | 1.38 | 0.004 | 123 | 36.3 | 0.058 | 16 | 16.56 |
| 105G_1987_1491 | 0 | 0.14 | 16.5 | 7.4 | 0.69 | 375 | 492 | <2 | 2.12 | 0.018 | 10 | 9.5 | 0.079 | 18 | 17.27 |
| 105G_1987_1492 | 0 | 0.42 | 19.8 | 5.0 | 0.71 | 467 | 628 | <2 | 0.41 | 0.028 | <2 | 3.0 | 0.092 | 10 | 11.84 |
| 105G_1987_1493 | 0 | 0.10 | 22.2 | 5.4 | 0.65 | 112 | 155 | <2 | 1.16 | 0.013 | 29 | 26.9 | 0.084 | 16 | 15.74 |
| 105G_1987_1494 | 0 | 0.11 | 30.4 | 6.4 | 0.77 | 158 | 221 | <2 | 1.38 | 0.010 | 49 | 45.3 | 0.085 | 22 | 20.44 |
| 105G_1987_1495 | 0 | 0.23 | 16.0 | 4.4 | 1.28 | 181 | 248 | 3 | 3.97 | 0.049 | 49 | 46.3 | 0.088 | 53 | 50.95 |
| 105G_1987_1496 | 0 | 0.20 | 15.7 | 3.2 | 1.23 | 173 | 234 | 7 | 6.43 | 0.058 | 56 | 50.0 | 0.108 | 92 | 83.02 |
| 105G_1987_1497 | 0 | 0.06 | 14.9 | 6.2 | 0.62 | 84 | 104 | <2 | 1.65 | 0.004 | 30 | 27.1 | 0.062 | 19 | 17.11 |
| 105G_1987_1498 | 0 | 0.10 | 16.8 | 5.1 | 1.21 | 191 | 242 | 6 | 7.77 | 0.008 | 53 | 46.3 | 0.124 | 34 | 33.64 |
| 105G_1987_1499 | 0 | 0.20 | 15.6 | 5.4 | 1.70 | 270 | 328 | 5 | 4.64 | 0.042 | 44 | 37.3 | 0.091 | 52 | 50.02 |
| 105G_1987_1502 | 0 | 0.16 | 15.3 | 14.2 | 0.49 | 2140 | 1708 | <2 | 1.73 | 0.013 | 29 | 22.9 | 0.104 | 16 | 15.18 |
| 105G_1987_1503 | 0 | 0.11 | 15.8 | 8.2 | 0.31 | 300 | 347 | <2 | 1.67 | 0.008 | 41 | 36.0 | 0.141 | 13 | 13.46 |
| 105G_1987_1504 | 0 | 0.10 | 16.6 | 6.2 | 0.38 | 530 | 660 | <2 | 2.08 | 0.008 | 28 | 25.2 | 0.104 | 14 | 15.46 |
| 105G_1987_1505 | 0 | 0.11 | 15.7 | 9.2 | 0.31 | 1071 | 1293 | 2 | 3.73 | 0.008 | 46 | 40.1 | 0.132 | 16 | 15.30 |
| 105G_1987_1506 | 0 | 0.16 | 18.7 | 10.8 | 0.88 | 373 | 479 | <2 | 2.02 | 0.038 | 32 | 30.8 | 0.127 | 14 | 14.99 |
| 105G_1987_1507 | 0 | 0.09 | 11.0 | 17.8 | 0.50 | 8400 | 6130 | 4 | 5.03 | 0.009 | 41 | 36.7 | 0.192 | 10 | 10.21 |
| 105G_1987_1508 | 0 | 0.17 | 9.4 | 31.6 | 0.40 | 1098 | 1236 | <2 | 1.05 | 0.008 | 30 | 26.6 | 0.158 | 12 | 12.97 |
| 105G_1987_1509 | 0 | 0.14 | 19.3 | 7.8 | 1.18 | 156 | 211 | 4 | 4.87 | 0.030 | 65 | 60.1 | 0.161 | 29 | 30.20 |
| 105G_1987_1510 | 0 | 0.15 | 15.2 | 8.0 | 1.46 | 242 | 275 | 4 | 3.85 | 0.017 | 54 | 47.6 | 0.127 | 23 | 22.57 |
| 105G_1987_1511 | 1 | 0.21 | 15.3 | 7.2 | 1.23 | 222 | 291 | 5 | 4.22 | 0.061 | 59 | 52.2 | 0.118 | 15 | 16.48 |
| 105G_1987_1513 | 2 | 0.22 | 15.0 | 5.4 | 1.18 | 217 | 292 | 4 | 4.27 | 0.056 | 55 | 54.7 | 0.115 | 17 | 16.93 |
| 105G_1987_1514 | 0 | 0.18 | 11.7 | 3.0 | 1.38 | 204 | 247 | 4 | 4.65 | 0.028 | 46 | 41.8 | 0.118 | 18 | 17.67 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|------------------|-------------------|--------------------|-------------------|-------------------|--------------|-------------------|--------------------|-------------------|-------------------|--------------------|-------------------|-------------------|
| | | ICP-MS % 0.01 | HY-AAS ppm 0.2 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS ppm 0.1 | AAS ppm 1 | ICP-MS ppm 0.5 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | ICP-MS ppm 0.02 | ICP-MS ppm 0.1 | ICP-MS ppm 0.5 |
| 105G_1987_1478 | 0 | 0.05 | 0.5 | 0.65 | 2.8 | 1.2 | 2 | 69.2 | 0.02 | 4.5 | 0.014 | 0.11 | 1.3 | 3.2 |
| 105G_1987_1479 | 0 | 0.08 | 0.3 | 0.38 | 1.4 | 0.8 | <1 | 46.7 | <0.02 | 2.8 | 0.011 | 0.07 | 1.1 | 2.9 |
| 105G_1987_1480 | 0 | <0.01 | 0.5 | 0.56 | 2.5 | 0.5 | 3 | 50.8 | <0.02 | 4.3 | 0.017 | 0.08 | 0.9 | 2.6 |
| 105G_1987_1482 | 0 | 3.17 | 0.2 | 0.92 | 0.8 | 3.0 | 8 | 175.3 | 0.03 | 0.4 | 0.005 | 0.06 | 6.6 | 5.5 |
| 105G_1987_1483 | 0 | 0.12 | 0.4 | 0.83 | 3.4 | 1.7 | 5 | 53.5 | 0.02 | 4.1 | 0.024 | 0.11 | 3.1 | 5.3 |
| 105G_1987_1484 | 0 | 0.07 | 0.2 | 0.21 | 3.4 | 1.2 | 3 | 60.0 | 0.02 | 4.2 | 0.065 | 0.20 | 3.8 | 5.3 |
| 105G_1987_1485 | 0 | 0.07 | 0.3 | 0.29 | 3.0 | 1.3 | 3 | 62.2 | 0.02 | 3.6 | 0.064 | 0.18 | 4.2 | 6.3 |
| 105G_1987_1486 | 0 | 0.08 | 0.3 | 0.37 | 1.7 | 2.5 | 3 | 30.7 | <0.02 | 0.6 | 0.035 | 0.17 | 8.7 | 11.2 |
| 105G_1987_1487 | 0 | 0.06 | <0.2 | 0.06 | 2.9 | 0.8 | 2 | 34.6 | <0.02 | 4.0 | 0.080 | 0.23 | 5.8 | 7.7 |
| 105G_1987_1488 | 1 | <0.01 | 0.3 | 0.14 | 3.0 | 0.5 | 4 | 56.2 | 0.03 | 3.7 | 0.034 | 0.16 | 5.2 | 7.4 |
| 105G_1987_1489 | 2 | 0.03 | 0.3 | 0.19 | 3.4 | 0.4 | 3 | 65.3 | 0.02 | 4.1 | 0.047 | 0.17 | 7.9 | 10.0 |
| 105G_1987_1490 | 0 | 0.02 | 1.1 | 0.88 | 1.4 | 0.7 | 1 | 22.2 | 0.03 | 4.7 | 0.005 | 0.09 | 1.6 | 4.0 |
| 105G_1987_1491 | 0 | 0.03 | 0.4 | 0.29 | 3.4 | 0.7 | 4 | 66.5 | 0.03 | 4.6 | 0.054 | 0.16 | 5.4 | 6.9 |
| 105G_1987_1492 | 0 | <0.01 | <0.2 | 0.04 | 6.2 | 0.2 | 2 | 92.6 | <0.02 | 7.5 | 0.134 | 0.41 | 5.6 | 7.1 |
| 105G_1987_1493 | 0 | 0.04 | 0.7 | 0.56 | 2.1 | 0.8 | 1 | 38.6 | 0.02 | 5.2 | 0.021 | 0.13 | 3.1 | 6.3 |
| 105G_1987_1494 | 0 | 0.02 | 1.6 | 1.23 | 1.9 | 1.2 | 1 | 42.5 | 0.03 | 6.8 | 0.005 | 0.16 | 2.3 | 5.4 |
| 105G_1987_1495 | 0 | 0.04 | 1.8 | 1.68 | 3.2 | 0.8 | 7 | 45.1 | 0.03 | 5.1 | 0.063 | 0.29 | 3.1 | 5.3 |
| 105G_1987_1496 | 0 | 0.02 | 3.4 | 2.64 | 3.2 | 1.0 | 9 | 53.1 | 0.05 | 5.2 | 0.059 | 0.32 | 4.5 | 7.3 |
| 105G_1987_1497 | 0 | 0.02 | 0.9 | 0.88 | 1.4 | 0.8 | 3 | 19.6 | 0.03 | 1.8 | 0.003 | 0.14 | 2.2 | 5.2 |
| 105G_1987_1498 | 0 | 0.05 | 3.8 | 3.72 | 2.1 | 1.7 | 10 | 41.3 | <0.02 | 4.6 | 0.020 | 0.22 | 3.1 | 7.0 |
| 105G_1987_1499 | 0 | 0.06 | 3.3 | 2.65 | 3.3 | 1.3 | 9 | 56.9 | 0.03 | 5.1 | 0.039 | 0.37 | 2.2 | 5.2 |
| 105G_1987_1502 | 0 | 0.03 | 0.5 | 0.62 | 2.4 | 3.3 | 4 | 85.3 | 0.04 | 2.8 | 0.007 | 0.14 | 1.8 | 3.5 |
| 105G_1987_1503 | 0 | 0.02 | 1.6 | 1.64 | 1.9 | 1.5 | 4 | 40.2 | 0.03 | 4.0 | 0.007 | 0.17 | 1.6 | 4.2 |
| 105G_1987_1504 | 0 | 0.01 | 0.8 | 1.15 | 1.8 | 2.0 | 3 | 54.1 | 0.04 | 3.5 | 0.009 | 0.14 | 1.5 | 3.5 |
| 105G_1987_1505 | 0 | 0.07 | 2.1 | 2.61 | 2.0 | 4.5 | 4 | 58.5 | 0.03 | 2.9 | 0.008 | 0.19 | 2.7 | 5.0 |
| 105G_1987_1506 | 0 | 0.10 | 0.7 | 0.99 | 3.3 | 1.8 | 6 | 53.4 | <0.02 | 3.8 | 0.039 | 0.17 | 2.0 | 4.3 |
| 105G_1987_1507 | 0 | 0.13 | 0.7 | 1.48 | 1.8 | 3.2 | 6 | 59.6 | <0.02 | 1.3 | 0.013 | 0.18 | 2.2 | 4.5 |
| 105G_1987_1508 | 0 | 0.28 | 0.5 | 1.11 | 2.1 | 21.6 | 4 | 82.5 | <0.02 | 2.1 | 0.005 | 0.16 | 2.6 | 4.4 |
| 105G_1987_1509 | 0 | 0.06 | 0.8 | 1.85 | 3.3 | 1.9 | 3 | 64.0 | 0.03 | 4.6 | 0.055 | 0.19 | 4.5 | 7.1 |
| 105G_1987_1510 | 0 | 0.07 | 2.0 | 2.17 | 2.6 | 1.8 | 7 | 40.3 | 0.03 | 3.2 | 0.036 | 0.19 | 2.4 | 5.1 |
| 105G_1987_1511 | 1 | 0.09 | 1.1 | 1.04 | 4.1 | 1.6 | 4 | 69.3 | 0.07 | 5.8 | 0.111 | 0.20 | 6.1 | 8.8 |
| 105G_1987_1513 | 2 | 0.05 | 1.2 | 1.13 | 3.9 | 1.8 | 4 | 65.4 | 0.09 | 5.8 | 0.106 | 0.19 | 5.7 | 8.1 |
| 105G_1987_1514 | 0 | 0.05 | 1.7 | 1.96 | 2.6 | 1.2 | 5 | 55.7 | 0.03 | 4.9 | 0.050 | 0.18 | 3.5 | 5.6 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1478 | 0 | 35 | 32 | 2 | 0.2 | 120 | 124.6 |
| 105G_1987_1479 | 0 | 23 | 26 | 2 | <0.1 | 80 | 75.8 |
| 105G_1987_1480 | 0 | 27 | 28 | 16 | 2.1 | 76 | 79.9 |
| 105G_1987_1482 | 0 | 11 | 9 | 2 | 0.1 | 94 | 98.0 |
| 105G_1987_1483 | 0 | 47 | 47 | 2 | 0.4 | 166 | 157.2 |
| 105G_1987_1484 | 0 | 50 | 48 | 2 | 2.1 | 118 | 109.9 |
| 105G_1987_1485 | 0 | 51 | 46 | 6 | 3.8 | 126 | 113.7 |
| 105G_1987_1486 | 0 | 50 | 48 | 2 | 3.2 | 154 | 137.9 |
| 105G_1987_1487 | 0 | 33 | 29 | 2 | 1.2 | 82 | 78.3 |
| 105G_1987_1488 | 1 | 43 | 40 | 6 | 2.3 | 82 | 79.2 |
| 105G_1987_1489 | 2 | 48 | 47 | 16 | 3.8 | 100 | 91.4 |
| 105G_1987_1490 | 0 | 23 | 22 | 2 | <0.1 | 266 | 236.9 |
| 105G_1987_1491 | 0 | 49 | 49 | 6 | 2.9 | 109 | 101.3 |
| 105G_1987_1492 | 0 | 44 | 50 | 2 | 1.7 | 73 | 74.3 |
| 105G_1987_1493 | 0 | 39 | 37 | 2 | 6.4 | 176 | 178.0 |
| 105G_1987_1494 | 0 | 30 | 28 | 2 | 0.1 | 232 | 230.8 |
| 105G_1987_1495 | 0 | 106 | 106 | 2 | 0.4 | 303 | 288.2 |
| 105G_1987_1496 | 0 | 129 | 125 | 2 | 0.6 | 392 | 364.1 |
| 105G_1987_1497 | 0 | 22 | 20 | 2 | <0.1 | 161 | 149.1 |
| 105G_1987_1498 | 0 | 107 | 106 | 2 | 1.6 | 326 | 299.4 |
| 105G_1987_1499 | 0 | 95 | 90 | 4 | 1.9 | 272 | 258.9 |
| 105G_1987_1502 | 0 | 27 | 26 | 2 | 0.5 | 163 | 147.7 |
| 105G_1987_1503 | 0 | 27 | 28 | 2 | 1.6 | 263 | 260.1 |
| 105G_1987_1504 | 0 | 21 | 29 | 2 | 0.4 | 251 | 247.4 |
| 105G_1987_1505 | 0 | 35 | 42 | 2 | 0.2 | 507 | 477.3 |
| 105G_1987_1506 | 0 | 56 | 65 | 24 | 7.6 | 160 | 150.4 |
| 105G_1987_1507 | 0 | 37 | 44 | 2 | 0.2 | 350 | 302.3 |
| 105G_1987_1508 | 0 | 29 | 38 | 2 | <0.1 | 207 | 202.5 |
| 105G_1987_1509 | 0 | 177 | 199 | 24 | 34.6 | 462 | 407.2 |
| 105G_1987_1510 | 0 | 132 | 138 | 8 | 5.4 | 405 | 354.4 |
| 105G_1987_1511 | 1 | 165 | 182 | 32 | 29.0 | 329 | 303.8 |
| 105G_1987_1513 | 2 | 167 | 176 | 40 | 38.3 | 327 | 316.2 |
| 105G_1987_1514 | 0 | 153 | 165 | 6 | 5.1 | 248 | 221.7 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_1515 | 0 | <0.2 | 176 | 0.78 | 5 | 4.8 | 2 | 10.0 | | | 3 | 1710 | 403.7 | 0.15 |
| 105G_1987_1516 | 0 | <0.2 | 225 | 0.74 | 19 | 24.8 | 2 | 10.0 | | | 3 | 2710 | 762.8 | 0.24 |
| 105G_1987_1517 | 0 | 0.3 | 452 | 0.81 | 8 | 7.2 | <1 | 10.0 | | | 3 | 2310 | 613.3 | 0.21 |
| 105G_1987_1518 | 0 | 0.2 | 316 | 1.09 | 9 | 8.9 | 4 | 10.0 | | | 2 | 2440 | 853.3 | 0.26 |
| 105G_1987_1519 | 0 | <0.2 | 265 | 1.16 | 8 | 7.7 | 3 | 10.0 | | | 2 | 1530 | 394.7 | 0.25 |
| 105G_1987_1520 | 0 | <0.2 | 186 | 1.08 | 12 | 9.6 | <1 | 10.0 | | | 1 | 2060 | 710.2 | 0.42 |
| 105G_1987_1522 | 0 | 0.2 | 336 | 0.99 | 7 | 7.5 | <1 | 10.0 | | | 2 | 1840 | 404.7 | 0.31 |
| 105G_1987_1523 | 0 | <0.2 | 193 | 0.93 | 4 | 4.8 | <1 | 10.0 | | | 2 | 1100 | 213.8 | 0.17 |
| 105G_1987_1524 | 0 | <0.2 | 205 | 1.13 | 7 | 6.7 | <1 | 10.0 | | | 4 | 1470 | 361.6 | 0.16 |
| 105G_1987_1525 | 0 | <0.2 | 110 | 0.92 | 20 | 24.4 | <1 | 10.0 | | | 1 | 928 | 230.5 | 0.20 |
| 105G_1987_1526 | 0 | <0.2 | 113 | 0.81 | 20 | 20.2 | <1 | 10.0 | | | 2 | 964 | 226.6 | 0.20 |
| 105G_1987_1527 | 0 | <0.2 | 127 | 0.94 | 7 | 6.8 | 20 | 10.0 | <4 | 2.5 | 2 | 1050 | 247.2 | 0.17 |
| 105G_1987_1528 | 0 | <0.2 | 167 | 0.90 | 18 | 19.7 | <1 | 10.0 | | | 9 | 1550 | 756.5 | 0.15 |
| 105G_1987_1530 | 1 | <0.2 | 108 | 0.73 | 9 | 9.1 | 2 | 10.0 | | | 1 | 1180 | 326.9 | 0.16 |
| 105G_1987_1531 | 2 | <0.2 | 97 | 0.71 | 8 | 9.1 | <1 | 10.0 | | | <1 | 1020 | 235.6 | 0.16 |
| 105G_1987_1532 | 0 | 0.2 | 190 | 0.69 | 10 | 9.1 | <1 | 10.0 | | | 2 | 1170 | 305.7 | 0.17 |
| 105G_1987_1533 | 0 | 0.2 | 195 | 0.80 | 6 | 6.8 | <1 | 10.0 | | | <1 | 1240 | 292.3 | 0.16 |
| 105G_1987_1534 | 0 | <0.2 | 79 | 0.97 | 15 | 14.4 | 2 | 10.0 | | | 1 | 921 | 107.7 | 0.18 |
| 105G_1987_1535 | 0 | 0.3 | 272 | 1.25 | 8 | 10.1 | <1 | 10.0 | | | <1 | 2900 | 324.1 | 0.32 |
| 105G_1987_1536 | 0 | <0.2 | 68 | 1.64 | 14 | 14.7 | <1 | 10.0 | | | <1 | 812 | 112.1 | 0.31 |
| 105G_1987_1537 | 0 | <0.2 | 58 | 2.12 | 16 | 16.5 | 2 | 10.0 | | | <1 | 818 | 89.7 | 0.36 |
| 105G_1987_1538 | 0 | 0.9 | 762 | 1.83 | 60 | 62.7 | 4 | 10.0 | | | 3 | 1540 | 317.7 | 1.17 |
| 105G_1987_3002 | 0 | 0.2 | 168 | 0.33 | 8 | 10.3 | <1 | 10.0 | | | 14 | 550 | 257.3 | 0.09 |
| 105G_1987_3003 | 0 | <0.2 | 127 | 0.33 | <1 | 0.5 | <1 | 10.0 | | | 11 | 531 | 98.7 | 0.05 |
| 105G_1987_3005 | 0 | <0.2 | 77 | 0.13 | 3 | 6.0 | <1 | 10.0 | | | 15 | 502 | 391.6 | 0.03 |
| 105G_1987_3006 | 1 | 0.2 | 134 | 0.85 | 4 | 5.3 | <1 | 10.0 | | | 6 | 1650 | 528.2 | 0.11 |
| 105G_1987_3007 | 2 | <0.2 | 126 | 0.76 | 4 | 5.1 | 1 | 10.0 | | | 4 | 1650 | 404.6 | 0.09 |
| 105G_1987_3008 | 0 | <0.2 | 118 | 0.31 | 2 | 2.7 | 1 | 10.0 | | | 10 | 223 | 147.6 | 0.05 |
| 105G_1987_3009 | 0 | <0.2 | 80 | 0.92 | 2 | 2.8 | <1 | 10.0 | | | 4 | 1100 | 267.8 | 0.07 |
| 105G_1987_3010 | 0 | <0.2 | 79 | 0.93 | 5 | 5.3 | <1 | 10.0 | | | 5 | 1960 | 428.0 | 0.13 |
| 105G_1987_3011 | 0 | <0.2 | 94 | 0.92 | 6 | 5.0 | 49 | 10.0 | <1 | 10.0 | 6 | 1420 | 431.9 | 0.11 |
| 105G_1987_3012 | 0 | <0.2 | 111 | 0.95 | 4 | 4.0 | 1 | 10.0 | | | 3 | 1720 | 547.4 | 0.10 |
| 105G_1987_3013 | 0 | 0.2 | 129 | 1.49 | 5 | 5.5 | <1 | 10.0 | | | 6 | 1570 | 571.4 | 0.12 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_1515 | 0 | 0.56 | 0.7 | 1.01 | 4 | 6.6 | 10.8 | 22 | 20.42 | 360 | 1.86 | 1.45 | 2.0 | 75 | 74 |
| 105G_1987_1516 | 0 | 0.85 | 0.3 | 0.80 | 12 | 9.7 | 6.7 | 32 | 29.65 | 350 | 3.66 | 3.33 | 1.6 | 75 | 97 |
| 105G_1987_1517 | 0 | 1.53 | 2.9 | 3.29 | 7 | 8.4 | 13.4 | 40 | 38.12 | 435 | 1.79 | 1.75 | 2.3 | 75 | 77 |
| 105G_1987_1518 | 0 | 0.93 | 1.4 | 1.78 | 11 | 9.7 | 15.3 | 38 | 38.37 | 385 | 2.80 | 2.46 | 2.7 | 70 | 85 |
| 105G_1987_1519 | 0 | 0.52 | 0.7 | 1.25 | 7 | 10.0 | 29.5 | 36 | 35.43 | 445 | 2.34 | 2.24 | 3.4 | 135 | 132 |
| 105G_1987_1520 | 0 | 1.49 | 0.5 | 0.94 | 8 | 10.4 | 16.2 | 30 | 28.57 | 400 | 1.95 | 1.80 | 3.5 | 30 | 27 |
| 105G_1987_1522 | 0 | 0.88 | 0.7 | 1.12 | 8 | 8.9 | 15.3 | 31 | 27.40 | 520 | 1.92 | 1.81 | 2.7 | 50 | 57 |
| 105G_1987_1523 | 0 | 0.99 | 1.3 | 1.60 | 6 | 7.6 | 12.1 | 20 | 20.90 | 275 | 1.78 | 1.52 | 2.3 | 80 | 86 |
| 105G_1987_1524 | 0 | 1.03 | 0.3 | 0.76 | 14 | 14.5 | 27.9 | 29 | 27.92 | 380 | 2.69 | 2.59 | 2.9 | 110 | 102 |
| 105G_1987_1525 | 0 | 0.73 | 0.3 | 0.78 | 7 | 11.0 | 29.3 | 22 | 21.75 | 415 | 2.06 | 2.34 | 3.0 | 50 | 55 |
| 105G_1987_1526 | 0 | 0.56 | <0.2 | 0.31 | 8 | 9.7 | 31.4 | 20 | 19.16 | 515 | 1.86 | 2.01 | 2.8 | 50 | 55 |
| 105G_1987_1527 | 0 | 0.94 | 0.2 | 0.70 | 4 | 8.6 | 35.5 | 21 | 19.68 | 410 | 2.01 | 1.86 | 3.2 | 55 | 76 |
| 105G_1987_1528 | 0 | 3.03 | 0.3 | 0.82 | 8 | 10.4 | 24.7 | 34 | 33.52 | 270 | 1.63 | 1.96 | 2.6 | 85 | 93 |
| 105G_1987_1530 | 1 | 0.71 | <0.2 | 0.52 | 4 | 8.0 | 20.9 | 18 | 17.99 | 325 | 1.67 | 1.69 | 2.3 | 50 | 51 |
| 105G_1987_1531 | 2 | 0.61 | <0.2 | 0.41 | 2 | 7.3 | 18.5 | 17 | 16.97 | 315 | 1.63 | 1.58 | 2.1 | 30 | 50 |
| 105G_1987_1532 | 0 | 1.09 | 1.0 | 1.26 | 10 | 9.1 | 25.4 | 26 | 23.90 | 365 | 1.87 | 1.89 | 2.1 | 75 | 74 |
| 105G_1987_1533 | 0 | 0.60 | <0.2 | 0.52 | 9 | 9.4 | 26.3 | 24 | 22.25 | 345 | 1.71 | 1.84 | 2.3 | 135 | 147 |
| 105G_1987_1534 | 0 | 0.52 | <0.2 | 0.23 | 6 | 7.5 | 22.1 | 28 | 26.17 | 295 | 1.97 | 1.94 | 3.0 | 50 | 55 |
| 105G_1987_1535 | 0 | 0.19 | 0.2 | 0.77 | 12 | 13.0 | 19.6 | 37 | 38.48 | 405 | 2.30 | 2.30 | 3.6 | 75 | 76 |
| 105G_1987_1536 | 0 | 0.29 | <0.2 | 0.42 | 22 | 22.0 | 24.7 | 28 | 26.67 | 345 | 3.53 | 3.96 | 5.0 | 25 | 30 |
| 105G_1987_1537 | 0 | 0.27 | <0.2 | 0.25 | 28 | 27.4 | 33.0 | 26 | 24.70 | 355 | 3.94 | 4.55 | 6.6 | 20 | 17 |
| 105G_1987_1538 | 0 | 0.79 | 6.5 | 6.65 | 11 | 13.0 | 46.7 | 73 | 69.48 | 305 | 2.60 | 2.81 | 5.8 | 55 | 60 |
| 105G_1987_3002 | 0 | 2.61 | 0.4 | 0.57 | <2 | 4.3 | 13.3 | 47 | 49.27 | 105 | 1.13 | 1.29 | 1.0 | 105 | 107 |
| 105G_1987_3003 | 0 | 2.12 | 0.7 | 0.97 | <2 | 1.6 | 7.0 | 20 | 20.13 | 220 | 0.34 | 0.38 | 0.8 | 55 | 58 |
| 105G_1987_3005 | 0 | 3.10 | <0.2 | 0.42 | 16 | 20.2 | 3.9 | 10 | 8.61 | 90 | 1.42 | 1.34 | 0.4 | 75 | 63 |
| 105G_1987_3006 | 1 | 0.85 | 0.5 | 0.96 | 12 | 13.3 | 106.1 | 23 | 22.20 | 435 | 1.75 | 1.82 | 2.4 | 100 | 81 |
| 105G_1987_3007 | 2 | 0.78 | 0.4 | 0.77 | 11 | 12.3 | 96.6 | 22 | 20.52 | 410 | 1.71 | 1.68 | 2.3 | 75 | 64 |
| 105G_1987_3008 | 0 | 2.58 | 0.6 | 0.96 | <2 | 2.1 | 4.6 | 23 | 24.63 | 85 | 0.75 | 0.67 | 0.6 | 100 | 91 |
| 105G_1987_3009 | 0 | 0.60 | <0.2 | 0.29 | 28 | 31.5 | 384.9 | 27 | 27.99 | 255 | 2.32 | 2.28 | 2.5 | 55 | 57 |
| 105G_1987_3010 | 0 | 0.54 | <0.2 | 0.50 | 16 | 17.2 | 160.5 | 38 | 37.79 | 380 | 2.14 | 2.11 | 2.8 | 60 | 54 |
| 105G_1987_3011 | 0 | 0.63 | 0.3 | 0.61 | 13 | 14.1 | 116.5 | 30 | 28.56 | 390 | 1.88 | 1.83 | 2.6 | 75 | 68 |
| 105G_1987_3012 | 0 | 0.62 | 0.7 | 0.55 | 12 | 10.9 | 51.0 | 30 | 28.03 | 385 | 1.92 | 1.94 | 3.0 | 75 | 77 |
| 105G_1987_3013 | 0 | 1.09 | 0.5 | 0.61 | 14 | 18.5 | 40.3 | 63 | 60.24 | 350 | 3.00 | 3.29 | 5.1 | 75 | 74 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|-------|--------|-----|--------|--------|--------|-------|--------|--------|-------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_1515 | 0 | 0.10 | 15.3 | 8.8 | 0.31 | 525 | 561 | <2 | 1.23 | 0.008 | 24 | 19.6 | 0.087 | 13 | 12.57 | |
| 105G_1987_1516 | 0 | 0.11 | 18.7 | 18.4 | 0.21 | 1820 | 1413 | 3 | 3.23 | 0.008 | 25 | 20.7 | 0.074 | 21 | 19.06 | |
| 105G_1987_1517 | 0 | 0.10 | 14.0 | 12.6 | 0.72 | 291 | 329 | 2 | 2.09 | 0.008 | 51 | 44.7 | 0.116 | 19 | 17.71 | |
| 105G_1987_1518 | 0 | 0.16 | 15.9 | 17.4 | 0.46 | 5160 | 4100 | <2 | 2.25 | 0.013 | 31 | 28.3 | 0.119 | 19 | 17.52 | |
| 105G_1987_1519 | 0 | 0.12 | 15.8 | 8.0 | 0.60 | 281 | 346 | <2 | 1.18 | 0.015 | 45 | 40.7 | 0.123 | 13 | 13.74 | |
| 105G_1987_1520 | 0 | 0.15 | 14.7 | 2.8 | 0.68 | 423 | 484 | <2 | 2.06 | 0.041 | 31 | 26.0 | 0.099 | 18 | 17.22 | |
| 105G_1987_1522 | 0 | 0.12 | 15.0 | 11.0 | 0.54 | 552 | 578 | <2 | 1.87 | 0.013 | 35 | 29.2 | 0.131 | 20 | 17.17 | |
| 105G_1987_1523 | 0 | 0.09 | 6.7 | 33.4 | 0.34 | 367 | 405 | <2 | 0.88 | 0.018 | 20 | 16.6 | 0.102 | 12 | 11.16 | |
| 105G_1987_1524 | 0 | 0.10 | 11.7 | 13.4 | 0.68 | 1960 | 1634 | <2 | 0.66 | 0.012 | 39 | 34.1 | 0.099 | 13 | 11.52 | |
| 105G_1987_1525 | 0 | 0.12 | 15.9 | 5.2 | 0.67 | 888 | 1259 | <2 | 1.00 | 0.010 | 35 | 33.1 | 0.136 | 11 | 10.22 | |
| 105G_1987_1526 | 0 | 0.09 | 16.8 | 3.4 | 0.61 | 233 | 303 | <2 | 0.88 | 0.008 | 32 | 30.9 | 0.161 | 11 | 9.57 | |
| 105G_1987_1527 | 0 | 0.11 | 13.6 | 12.4 | 0.62 | 397 | 436 | <2 | 0.50 | 0.013 | 31 | 28.3 | 0.111 | 11 | 10.04 | |
| 105G_1987_1528 | 0 | 0.12 | 9.6 | 32.0 | 0.66 | 13000 | >10000 | 12 | 10.94 | 0.024 | 38 | 34.9 | 0.093 | 13 | 10.95 | |
| 105G_1987_1530 | 1 | 0.09 | 19.2 | 3.6 | 0.58 | 288 | 364 | <2 | 0.69 | 0.010 | 26 | 21.9 | 0.108 | 13 | 12.36 | |
| 105G_1987_1531 | 2 | 0.07 | 17.3 | 3.8 | 0.52 | 177 | 228 | <2 | 0.59 | 0.008 | 24 | 19.9 | 0.103 | 14 | 12.86 | |
| 105G_1987_1532 | 0 | 0.07 | 13.0 | 5.2 | 0.61 | 349 | 415 | <2 | 1.10 | 0.007 | 45 | 37.1 | 0.127 | 12 | 10.84 | |
| 105G_1987_1533 | 0 | 0.08 | 14.1 | 4.6 | 0.53 | 347 | 446 | <2 | 1.26 | 0.009 | 34 | 30.6 | 0.114 | 10 | 10.38 | |
| 105G_1987_1534 | 0 | 0.10 | 27.8 | 6.2 | 0.59 | 135 | 178 | <2 | 0.48 | 0.008 | 23 | 19.5 | 0.110 | 14 | 12.60 | |
| 105G_1987_1535 | 0 | 0.10 | 22.2 | 6.6 | 0.33 | 107 | 157 | 2 | 2.49 | 0.008 | 30 | 26.4 | 0.089 | 25 | 26.32 | |
| 105G_1987_1536 | 0 | 0.08 | 19.2 | 5.4 | 0.60 | 565 | 780 | <2 | 0.68 | 0.011 | 50 | 41.9 | 0.075 | 24 | 21.34 | |
| 105G_1987_1537 | 0 | 0.11 | 27.0 | 5.6 | 0.77 | 796 | 1156 | <2 | 0.70 | 0.019 | 44 | 40.0 | 0.073 | 31 | 29.14 | |
| 105G_1987_1538 | 0 | 0.26 | 23.2 | 10.4 | 1.34 | 318 | 443 | 10 | 8.53 | 0.013 | 105 | 87.9 | 0.155 | 31 | 28.88 | |
| 105G_1987_3002 | 0 | 0.05 | 3.3 | 75.6 | 0.44 | 511 | 597 | <2 | 1.68 | 0.013 | 40 | 35.4 | 0.162 | 6 | 5.30 | |
| 105G_1987_3003 | 0 | 0.03 | 2.6 | 55.0 | 0.44 | 112 | 144 | 2 | 1.97 | 0.025 | 12 | 7.8 | 0.111 | 3 | 1.83 | |
| 105G_1987_3005 | 0 | 0.02 | 1.1 | 84.0 | 0.68 | 7620 | 5577 | 3 | 1.44 | 0.009 | 24 | 16.6 | 0.161 | 3 | 1.19 | |
| 105G_1987_3006 | 1 | 0.08 | 11.5 | 6.2 | 1.34 | 816 | 991 | <2 | 0.68 | 0.012 | 132 | 118.3 | 0.123 | 7 | 7.16 | |
| 105G_1987_3007 | 2 | 0.06 | 10.5 | 5.4 | 1.30 | 689 | 807 | <2 | 0.53 | 0.008 | 123 | 108.7 | 0.120 | 7 | 6.87 | |
| 105G_1987_3008 | 0 | 0.01 | 1.8 | 85.6 | 0.42 | 586 | 581 | 3 | 1.28 | 0.007 | 16 | 11.5 | 0.129 | 3 | 1.24 | |
| 105G_1987_3009 | 0 | 0.05 | 7.6 | 6.8 | 4.88 | 341 | 458 | <2 | 0.18 | 0.009 | 478 | 429.3 | 0.066 | 4 | 4.76 | |
| 105G_1987_3010 | 0 | 0.07 | 13.3 | 6.6 | 1.86 | 580 | 675 | <2 | 0.65 | 0.008 | 176 | 164.8 | 0.073 | 9 | 10.42 | |
| 105G_1987_3011 | 0 | 0.07 | 12.0 | 4.0 | 1.40 | 338 | 439 | <2 | 0.71 | 0.009 | 123 | 109.6 | 0.111 | 6 | 7.63 | |
| 105G_1987_3012 | 0 | 0.06 | 10.5 | 5.8 | 0.76 | 416 | 499 | <2 | 0.33 | 0.008 | 62 | 54.5 | 0.103 | 7 | 7.15 | |
| 105G_1987_3013 | 0 | 0.08 | 10.0 | 7.4 | 1.00 | 508 | 621 | <2 | 0.90 | 0.010 | 44 | 35.5 | 0.087 | 10 | 7.71 | |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_1515 | 0 | 0.12 | 0.4 | 0.52 | 1.8 | 0.9 | 1 | 45.9 | <0.02 | 4.1 | 0.004 | 0.13 | 4.2 | 6.6 | |
| 105G_1987_1516 | 0 | 0.13 | 0.6 | 0.76 | 2.0 | 2.7 | 3 | 88.3 | 0.02 | 6.2 | 0.003 | 0.13 | 3.8 | 6.7 | |
| 105G_1987_1517 | 0 | 0.12 | 1.5 | 1.91 | 2.3 | 4.5 | 7 | 58.4 | <0.02 | 4.0 | 0.008 | 0.16 | 2.4 | 5.2 | |
| 105G_1987_1518 | 0 | 0.10 | 0.5 | 0.83 | 2.3 | 4.5 | 4 | 110.9 | 0.04 | 2.3 | 0.008 | 0.14 | 2.8 | 4.9 | |
| 105G_1987_1519 | 0 | 0.08 | 0.9 | 0.98 | 3.5 | 1.7 | 1 | 33.1 | <0.02 | 3.6 | 0.014 | 0.14 | 1.5 | 3.8 | |
| 105G_1987_1520 | 0 | 0.08 | 1.2 | 1.40 | 2.6 | 0.9 | 3 | 61.7 | 0.02 | 4.8 | 0.032 | 0.14 | 1.0 | 2.9 | |
| 105G_1987_1522 | 0 | 0.13 | 0.9 | 0.92 | 2.2 | 2.0 | 4 | 63.6 | <0.02 | 3.7 | 0.012 | 0.15 | 1.5 | 4.0 | |
| 105G_1987_1523 | 0 | 0.84 | 0.3 | 0.56 | 1.4 | 2.0 | 3 | 107.7 | <0.02 | 1.6 | 0.008 | 0.15 | 7.5 | 9.1 | |
| 105G_1987_1524 | 0 | 0.23 | 0.4 | 0.57 | 2.4 | 2.2 | 4 | 53.4 | 0.02 | 3.2 | 0.007 | 0.09 | 1.0 | 2.9 | |
| 105G_1987_1525 | 0 | 0.14 | 0.6 | 0.55 | 2.5 | 0.9 | 2 | 39.1 | 0.02 | 4.1 | 0.026 | 0.12 | 1.4 | 3.3 | |
| 105G_1987_1526 | 0 | 0.10 | 0.3 | 0.58 | 2.4 | 0.8 | 2 | 30.1 | <0.02 | 4.9 | 0.026 | 0.09 | 2.1 | 4.6 | |
| 105G_1987_1527 | 0 | 0.16 | 0.3 | 0.53 | 2.7 | 0.9 | 2 | 48.7 | <0.02 | 3.2 | 0.031 | 0.11 | 1.0 | 3.0 | |
| 105G_1987_1528 | 0 | 0.34 | 0.5 | 0.82 | 1.9 | 2.6 | 7 | 206.4 | <0.02 | 1.7 | 0.012 | 0.13 | 3.0 | 4.2 | |
| 105G_1987_1530 | 1 | 0.10 | 0.4 | 0.50 | 2.0 | 0.5 | 3 | 37.8 | 0.02 | 5.3 | 0.017 | 0.08 | 1.0 | 3.1 | |
| 105G_1987_1531 | 2 | 0.10 | 0.4 | 0.50 | 1.7 | 0.6 | <1 | 34.6 | <0.02 | 4.8 | 0.013 | 0.07 | 0.9 | 2.6 | |
| 105G_1987_1532 | 0 | 0.06 | 0.9 | 1.45 | 2.1 | 1.0 | 3 | 49.1 | <0.02 | 3.3 | 0.016 | 0.10 | 0.9 | 2.8 | |
| 105G_1987_1533 | 0 | 0.09 | 0.5 | 0.72 | 2.1 | 0.8 | 4 | 42.7 | 0.03 | 3.6 | 0.015 | 0.09 | 0.9 | 3.3 | |
| 105G_1987_1534 | 0 | 0.08 | 0.2 | 0.29 | 2.4 | 0.7 | 2 | 25.3 | <0.02 | 5.8 | 0.019 | 0.09 | 1.3 | 3.4 | |
| 105G_1987_1535 | 0 | 0.07 | 1.5 | 0.80 | 4.1 | 2.7 | 2 | 29.4 | 0.03 | 4.6 | 0.002 | 0.13 | 2.9 | 5.8 | |
| 105G_1987_1536 | 0 | 0.10 | 0.6 | 0.72 | 2.6 | 0.4 | 2 | 23.7 | 0.02 | 5.1 | 0.008 | 0.07 | 1.0 | 3.3 | |
| 105G_1987_1537 | 0 | 0.08 | 1.0 | 0.74 | 2.6 | 0.2 | 2 | 23.3 | 0.02 | 6.5 | 0.009 | 0.08 | 0.9 | 3.5 | |
| 105G_1987_1538 | 0 | 0.10 | 7.0 | 5.22 | 3.1 | 3.5 | 4 | 78.0 | 0.06 | 3.5 | 0.063 | 0.83 | 14.1 | 17.0 | |
| 105G_1987_3002 | 0 | 1.14 | 0.5 | 1.92 | 1.2 | 4.0 | 6 | 104.9 | <0.02 | 0.9 | 0.004 | 0.05 | 4.7 | 4.8 | |
| 105G_1987_3003 | 0 | 0.87 | 0.2 | 0.51 | 0.7 | 3.7 | 3 | 106.0 | <0.02 | 0.5 | 0.007 | 0.04 | 3.2 | 3.9 | |
| 105G_1987_3005 | 0 | 0.50 | <0.2 | 0.37 | 0.4 | 1.4 | 7 | 140.9 | <0.02 | 0.1 | 0.003 | 0.02 | 0.8 | 0.8 | |
| 105G_1987_3006 | 1 | 0.10 | 0.5 | 0.62 | 2.9 | 1.1 | 5 | 46.3 | <0.02 | 2.5 | 0.037 | 0.11 | 0.9 | 2.5 | |
| 105G_1987_3007 | 2 | 0.07 | 0.4 | 0.58 | 2.7 | 1.0 | 3 | 42.6 | 0.02 | 2.5 | 0.033 | 0.08 | 0.8 | 2.7 | |
| 105G_1987_3008 | 0 | 0.82 | 0.2 | 0.46 | 0.6 | 2.4 | 4 | 111.8 | <0.02 | 0.3 | 0.006 | 0.02 | 1.2 | 1.0 | |
| 105G_1987_3009 | 0 | 0.05 | 0.4 | 0.32 | 4.7 | 0.7 | 3 | 25.0 | 0.02 | 2.0 | 0.037 | 0.05 | 0.7 | 1.8 | |
| 105G_1987_3010 | 0 | 0.01 | 0.7 | 0.63 | 3.1 | 0.6 | 3 | 29.9 | 0.05 | 3.2 | 0.034 | 0.05 | 0.8 | 2.5 | |
| 105G_1987_3011 | 0 | 0.04 | 0.7 | 0.71 | 3.1 | 0.8 | 3 | 33.7 | <0.02 | 2.8 | 0.050 | 0.08 | 1.0 | 2.6 | |
| 105G_1987_3012 | 0 | 0.05 | 0.5 | 0.48 | 3.9 | 0.8 | 2 | 30.8 | 0.05 | 2.6 | 0.046 | 0.06 | 0.8 | 3.2 | |
| 105G_1987_3013 | 0 | 0.07 | 0.6 | 0.65 | 7.3 | 0.9 | 2 | 29.9 | <0.02 | 2.4 | 0.135 | 0.07 | 0.7 | 2.2 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_1515 | 0 | 21 | 21 | 2 | <0.1 | 121 | 105.6 |
| 105G_1987_1516 | 0 | 14 | 14 | 2 | <0.1 | 126 | 107.9 |
| 105G_1987_1517 | 0 | 34 | 40 | 2 | 0.2 | 439 | 367.7 |
| 105G_1987_1518 | 0 | 25 | 25 | 2 | 0.2 | 180 | 157.8 |
| 105G_1987_1519 | 0 | 35 | 41 | 2 | 0.2 | 158 | 136.3 |
| 105G_1987_1520 | 0 | 41 | 46 | 2 | 0.8 | 123 | 105.9 |
| 105G_1987_1522 | 0 | 58 | 59 | 2 | 0.4 | 176 | 154.0 |
| 105G_1987_1523 | 0 | 22 | 23 | 2 | 0.3 | 149 | 138.3 |
| 105G_1987_1524 | 0 | 25 | 26 | 2 | 0.2 | 150 | 127.5 |
| 105G_1987_1525 | 0 | 29 | 29 | 6 | 0.4 | 97 | 91.1 |
| 105G_1987_1526 | 0 | 27 | 28 | 2 | 1.2 | 85 | 80.0 |
| 105G_1987_1527 | 0 | 29 | 30 | 2 | 0.3 | 115 | 105.2 |
| 105G_1987_1528 | 0 | 25 | 21 | 2 | 0.1 | 106 | 90.1 |
| 105G_1987_1530 | 1 | 23 | 22 | 2 | 0.3 | 87 | 82.1 |
| 105G_1987_1531 | 2 | 22 | 22 | 2 | 0.3 | 82 | 75.6 |
| 105G_1987_1532 | 0 | 26 | 26 | 2 | 0.5 | 195 | 180.4 |
| 105G_1987_1533 | 0 | 21 | 24 | 2 | 0.4 | 97 | 93.7 |
| 105G_1987_1534 | 0 | 22 | 22 | 2 | 0.2 | 74 | 66.0 |
| 105G_1987_1535 | 0 | 30 | 32 | 2 | <0.1 | 133 | 130.9 |
| 105G_1987_1536 | 0 | 23 | 20 | 2 | 0.1 | 193 | 175.1 |
| 105G_1987_1537 | 0 | 25 | 23 | 2 | <0.1 | 175 | 163.3 |
| 105G_1987_1538 | 0 | 305 | 295 | 2 | 0.3 | 958 | 829.8 |
| 105G_1987_3002 | 0 | 13 | 18 | 2 | <0.1 | 121 | 108.7 |
| 105G_1987_3003 | 0 | 9 | 8 | 2 | <0.1 | 25 | 26.3 |
| 105G_1987_3005 | 0 | 10 | 7 | 2 | <0.1 | 78 | 73.8 |
| 105G_1987_3006 | 1 | 35 | 39 | 4 | 0.1 | 115 | 103.3 |
| 105G_1987_3007 | 2 | 30 | 34 | 2 | <0.1 | 107 | 98.2 |
| 105G_1987_3008 | 0 | 15 | 12 | 2 | <0.1 | 43 | 34.3 |
| 105G_1987_3009 | 0 | 36 | 40 | 2 | <0.1 | 82 | 71.6 |
| 105G_1987_3010 | 0 | 8 | 36 | 2 | 0.1 | 93 | 86.8 |
| 105G_1987_3011 | 0 | 31 | 41 | 2 | <0.1 | 96 | 92.5 |
| 105G_1987_3012 | 0 | 36 | 41 | 2 | <0.1 | 107 | 96.6 |
| 105G_1987_3013 | 0 | 71 | 89 | 2 | <0.1 | 123 | 106.4 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3014 | 0 | 0.3 | 159 | 1.04 | 7 | 8.3 | <1 | 10.0 | | | 4 | 1370 | 448.9 | 0.15 |
| 105G_1987_3015 | 0 | 0.3 | 137 | 0.84 | 8 | 8.4 | <1 | 10.0 | | | 5 | 1790 | 521.9 | 0.14 |
| 105G_1987_3016 | 0 | <0.2 | 199 | 0.88 | 8 | 8.6 | 1 | 10.0 | | | 6 | 1410 | 377.2 | 0.16 |
| 105G_1987_3017 | 0 | 0.2 | 195 | 0.76 | 8 | 7.4 | <1 | 10.0 | | | 3 | 1510 | 311.6 | 0.13 |
| 105G_1987_3018 | 0 | 0.4 | 328 | 1.03 | 11 | 16.1 | 5 | 10.0 | 7 | 5.0 | 6 | 2150 | 705.0 | 0.20 |
| 105G_1987_3019 | 0 | <0.2 | 156 | 0.73 | 5 | 6.5 | <1 | 10.0 | | | 8 | 1260 | 284.7 | 0.10 |
| 105G_1987_3020 | 0 | 0.2 | 224 | 0.80 | 12 | 9.8 | 1 | 10.0 | | | 7 | 2010 | 777.0 | 0.16 |
| 105G_1987_3022 | 1 | 0.4 | 204 | 0.86 | 9 | 9.7 | 3 | 10.0 | 2 | 10.0 | 3 | 1540 | 461.5 | 0.19 |
| 105G_1987_3023 | 0 | 0.5 | 357 | 0.52 | 6 | 5.7 | 6 | 10.0 | 7 | 5.0 | 7 | 1880 | 1077.3 | 0.09 |
| 105G_1987_3024 | 2 | <0.2 | 189 | 0.82 | 7 | 9.0 | <1 | 10.0 | 2 | 10.0 | 5 | 1550 | 469.8 | 0.17 |
| 105G_1987_3025 | 0 | <0.2 | 265 | 0.66 | 8 | 7.9 | 1 | 10.0 | | | 3 | 1470 | 388.2 | 0.15 |
| 105G_1987_3026 | 0 | 0.2 | 218 | 0.68 | 8 | 7.9 | 6 | 10.0 | 11 | 10.0 | 2 | 1540 | 446.8 | 0.14 |
| 105G_1987_3027 | 0 | 0.5 | 222 | 1.56 | 8 | 9.1 | 4 | 10.0 | | | 4 | 1490 | 218.3 | 0.16 |
| 105G_1987_3028 | 0 | 0.4 | 138 | 0.74 | 3 | 3.6 | 4 | 10.0 | | | 3 | 1160 | 233.1 | 0.12 |
| 105G_1987_3029 | 0 | 0.3 | 190 | 0.84 | 4 | 5.4 | <1 | 10.0 | | | 3 | 1250 | 385.6 | 0.15 |
| 105G_1987_3030 | 0 | 0.3 | 238 | 1.10 | 4 | 4.8 | <1 | 10.0 | | | 4 | 1380 | 445.7 | 0.15 |
| 105G_1987_3031 | 0 | 0.3 | 196 | 0.89 | 9 | 10.9 | 3 | 10.0 | | | 2 | 1340 | 359.1 | 0.16 |
| 105G_1987_3032 | 0 | 0.2 | 276 | 0.84 | 6 | 7.0 | 2 | 10.0 | | | 3 | 1390 | 449.3 | 0.11 |
| 105G_1987_3033 | 0 | <0.2 | 28 | 0.30 | 4 | 5.5 | <1 | 10.0 | | | 5 | 1220 | 864.1 | 0.03 |
| 105G_1987_3034 | 0 | 0.2 | 160 | 0.97 | 14 | 20.1 | 35 | 10.0 | 2 | 10.0 | 4 | 1160 | 357.5 | 0.17 |
| 105G_1987_3035 | 0 | 0.2 | 159 | 0.80 | 20 | 24.9 | 2 | 10.0 | | | 4 | 1010 | 214.4 | 0.19 |
| 105G_1987_3036 | 0 | 0.2 | 142 | 1.19 | 8 | 10.5 | <1 | 10.0 | | | 2 | 978 | 165.1 | 0.30 |
| 105G_1987_3038 | 0 | 0.2 | 204 | 0.82 | 9 | 9.8 | <1 | 10.0 | | | 3 | 1140 | 238.3 | 0.44 |
| 105G_1987_3039 | 0 | 0.6 | 476 | 0.71 | 8 | 10.3 | 1 | 10.0 | | | 4 | 1140 | 213.6 | 0.22 |
| 105G_1987_3040 | 0 | 0.2 | 188 | 1.04 | 10 | 10.7 | <1 | 10.0 | | | 2 | 1140 | 256.1 | 0.25 |
| 105G_1987_3042 | 1 | 0.5 | 327 | 1.10 | 9 | 9.3 | <1 | 10.0 | | | 4 | 1290 | 320.9 | 0.24 |
| 105G_1987_3043 | 2 | 0.4 | 277 | 1.08 | 7 | 8.0 | <1 | 10.0 | | | 2 | 1210 | 246.1 | 0.25 |
| 105G_1987_3045 | 0 | <0.2 | 285 | 0.92 | 2 | 2.5 | <1 | 10.0 | | | 3 | 1160 | 294.6 | 0.18 |
| 105G_1987_3046 | 0 | <0.2 | 155 | 0.86 | 5 | 8.3 | 3 | 10.0 | | | 2 | 1160 | 247.5 | 0.20 |
| 105G_1987_3047 | 0 | <0.2 | 217 | 1.09 | 7 | 11.3 | <1 | 10.0 | | | 3 | 1070 | 243.0 | 0.25 |
| 105G_1987_3048 | 0 | <0.2 | 40 | 1.09 | 19 | 20.7 | <1 | 10.0 | | | <1 | 547 | 37.0 | 0.35 |
| 105G_1987_3049 | 0 | <0.2 | 176 | 0.98 | 14 | 13.1 | <1 | 10.0 | | | 2 | 1490 | 355.7 | 0.21 |
| 105G_1987_3050 | 0 | <0.2 | 224 | 1.00 | 16 | 21.0 | <1 | 10.0 | | | 1 | 1760 | 563.1 | 0.23 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3014 | 0 | 0.91 | 0.4 | 0.72 | 16 | 11.9 | 28.5 | 40 | 38.84 | 400 | 2.21 | 2.18 | 3.4 | 80 | 103 |
| 105G_1987_3015 | 0 | 0.83 | 0.7 | 0.88 | 10 | 11.0 | 27.1 | 38 | 34.54 | 395 | 2.06 | 1.93 | 2.7 | 75 | 62 |
| 105G_1987_3016 | 0 | 0.67 | 0.5 | 0.76 | 8 | 12.1 | 49.5 | 35 | 33.64 | 390 | 2.02 | 2.08 | 2.7 | 155 | 143 |
| 105G_1987_3017 | 0 | 0.64 | 0.3 | 0.56 | 3 | 6.5 | 26.7 | 22 | 20.26 | 330 | 1.88 | 1.60 | 2.3 | 165 | 148 |
| 105G_1987_3018 | 0 | 0.91 | 1.1 | 1.38 | 25 | 23.6 | 37.1 | 46 | 45.19 | 380 | 3.06 | 2.87 | 2.9 | 185 | 194 |
| 105G_1987_3019 | 0 | 0.79 | 0.3 | 0.62 | 5 | 6.9 | 26.5 | 15 | 12.78 | 340 | 1.52 | 1.26 | 2.1 | 110 | 119 |
| 105G_1987_3020 | 0 | 0.90 | 0.7 | 1.10 | 6 | 7.6 | 26.6 | 30 | 28.89 | 560 | 2.32 | 1.96 | 2.2 | 155 | 149 |
| 105G_1987_3022 | 1 | 0.49 | 1.1 | 1.31 | 11 | 10.5 | 16.4 | 27 | 25.56 | 390 | 1.88 | 1.88 | 2.3 | 130 | 111 |
| 105G_1987_3023 | 0 | 2.06 | 1.3 | 1.53 | 8 | 7.6 | 12.9 | 59 | 56.93 | 285 | 2.35 | 2.70 | 1.6 | 275 | 240 |
| 105G_1987_3024 | 2 | 0.49 | 1.0 | 1.31 | 7 | 10.1 | 16.1 | 25 | 25.23 | 495 | 1.79 | 1.83 | 2.2 | 125 | 109 |
| 105G_1987_3025 | 0 | 0.39 | 0.4 | 0.79 | 4 | 6.5 | 15.0 | 36 | 34.58 | 425 | 1.84 | 1.68 | 2.0 | 195 | 164 |
| 105G_1987_3026 | 0 | 0.41 | 0.3 | 0.65 | 3 | 6.9 | 16.1 | 33 | 32.00 | 410 | 1.76 | 1.70 | 2.1 | 165 | 151 |
| 105G_1987_3027 | 0 | 0.58 | 0.3 | 0.76 | 20 | 23.0 | 99.2 | 52 | 53.68 | 355 | 3.22 | 3.71 | 5.4 | 240 | 245 |
| 105G_1987_3028 | 0 | 0.81 | <0.2 | 0.39 | <2 | 6.7 | 24.0 | 30 | 29.46 | 405 | 1.66 | 1.44 | 2.3 | 210 | 178 |
| 105G_1987_3029 | 0 | 0.51 | 0.3 | 0.61 | 8 | 9.6 | 24.6 | 21 | 21.13 | 495 | 1.65 | 1.75 | 2.9 | 205 | 200 |
| 105G_1987_3030 | 0 | 0.68 | 0.5 | 0.89 | 7 | 10.3 | 27.7 | 23 | 22.79 | 360 | 2.06 | 1.89 | 3.5 | 215 | 216 |
| 105G_1987_3031 | 0 | 0.59 | 0.7 | 1.03 | 7 | 11.0 | 30.7 | 29 | 28.10 | 460 | 2.36 | 2.41 | 2.8 | 140 | 141 |
| 105G_1987_3032 | 0 | 1.09 | 6.2 | 6.45 | 6 | 6.4 | 15.5 | 18 | 17.71 | 485 | 2.09 | 1.77 | 2.2 | 80 | 117 |
| 105G_1987_3033 | 0 | 1.73 | <0.2 | 0.26 | <2 | 2.3 | 3.4 | 7 | 6.72 | 150 | 4.11 | 4.92 | 1.2 | 45 | 46 |
| 105G_1987_3034 | 0 | 1.25 | 0.4 | 0.92 | 10 | 10.9 | 31.7 | 33 | 34.07 | 340 | 2.90 | 2.82 | 3.0 | 140 | 146 |
| 105G_1987_3035 | 0 | 0.54 | 0.5 | 0.73 | 10 | 11.8 | 35.0 | 29 | 29.14 | 465 | 2.28 | 2.47 | 2.7 | 50 | 63 |
| 105G_1987_3036 | 0 | 0.41 | 0.2 | 0.63 | 11 | 12.3 | 14.8 | 27 | 27.38 | 440 | 2.63 | 2.39 | 3.4 | 30 | 37 |
| 105G_1987_3038 | 0 | 0.47 | 1.7 | 2.19 | 9 | 10.3 | 12.6 | 23 | 22.88 | 445 | 2.20 | 2.09 | 2.5 | 80 | 74 |
| 105G_1987_3039 | 0 | 0.56 | 1.0 | 1.32 | 9 | 8.5 | 13.4 | 29 | 26.71 | 425 | 2.02 | 2.00 | 2.2 | 130 | 129 |
| 105G_1987_3040 | 0 | 0.73 | 1.3 | 1.49 | 13 | 13.5 | 15.4 | 29 | 26.19 | 685 | 2.80 | 2.66 | 3.2 | 45 | 51 |
| 105G_1987_3042 | 1 | 1.45 | 1.8 | 2.26 | 7 | 10.4 | 14.4 | 30 | 29.87 | 385 | 2.63 | 2.41 | 2.9 | 100 | 110 |
| 105G_1987_3043 | 2 | 0.99 | 1.3 | 1.66 | 7 | 11.2 | 14.7 | 27 | 25.19 | 385 | 2.55 | 2.37 | 3.1 | 85 | 83 |
| 105G_1987_3045 | 0 | 1.42 | 3.8 | 3.94 | 5 | 4.3 | 12.2 | 33 | 30.54 | 330 | 1.32 | 1.20 | 2.5 | 115 | 107 |
| 105G_1987_3046 | 0 | 0.95 | 0.5 | 0.68 | 11 | 10.7 | 12.8 | 28 | 24.37 | 600 | 2.48 | 2.56 | 2.3 | 70 | 59 |
| 105G_1987_3047 | 0 | 0.85 | 1.7 | 1.78 | 18 | 14.4 | 16.6 | 31 | 27.82 | 635 | 2.78 | 2.73 | 3.3 | 50 | 42 |
| 105G_1987_3048 | 0 | 0.44 | <0.2 | 0.22 | 28 | 25.0 | 11.6 | 29 | 26.17 | 555 | 3.09 | 3.01 | 2.9 | 15 | 13 |
| 105G_1987_3049 | 0 | 0.59 | 1.3 | 1.53 | 17 | 12.4 | 14.1 | 24 | 21.62 | 410 | 3.52 | 3.37 | 2.7 | 70 | 60 |
| 105G_1987_3050 | 0 | 0.73 | 2.7 | 2.98 | 27 | 23.1 | 13.2 | 27 | 25.52 | 390 | 5.83 | 6.16 | 2.8 | 105 | 107 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3014 | 0 | 0.09 | 13.1 | 5.4 | 0.68 | 467 | 552 | <2 | 1.19 | 0.011 | 38 | 32.0 | 0.112 | 12 | 12.02 |
| 105G_1987_3015 | 0 | 0.08 | 13.0 | 2.6 | 0.66 | 442 | 527 | 2 | 1.48 | 0.008 | 44 | 34.5 | 0.125 | 13 | 11.95 |
| 105G_1987_3016 | 0 | 0.11 | 14.2 | 7.4 | 0.72 | 420 | 532 | <2 | 1.38 | 0.009 | 63 | 56.1 | 0.096 | 13 | 12.51 |
| 105G_1987_3017 | 0 | 0.11 | 15.1 | 9.6 | 0.42 | 166 | 196 | <2 | 0.57 | 0.009 | 32 | 27.3 | 0.109 | 10 | 9.85 |
| 105G_1987_3018 | 0 | 0.16 | 15.8 | 17.0 | 0.51 | 2080 | 1778 | 2 | 1.91 | 0.016 | 66 | 58.7 | 0.109 | 14 | 14.13 |
| 105G_1987_3019 | 0 | 0.11 | 10.9 | 13.6 | 0.66 | 447 | 457 | <2 | 0.87 | 0.011 | 58 | 48.5 | 0.122 | 8 | 7.87 |
| 105G_1987_3020 | 0 | 0.12 | 13.5 | 14.7 | 0.47 | 358 | 381 | <2 | 1.32 | 0.009 | 48 | 39.1 | 0.176 | 10 | 11.70 |
| 105G_1987_3022 | 1 | 0.09 | 14.6 | 6.0 | 0.37 | 641 | 811 | <2 | 1.47 | 0.007 | 46 | 39.0 | 0.118 | 11 | 12.16 |
| 105G_1987_3023 | 0 | 0.07 | 6.3 | 41.2 | 0.31 | >20000 | >10000 | 4 | 4.22 | 0.013 | 56 | 46.7 | 0.099 | 8 | 5.58 |
| 105G_1987_3024 | 2 | 0.09 | 15.3 | 4.6 | 0.36 | 591 | 768 | <2 | 1.67 | 0.007 | 42 | 38.3 | 0.136 | 10 | 11.48 |
| 105G_1987_3025 | 0 | 0.09 | 14.6 | 4.2 | 0.34 | 231 | 296 | <2 | 1.98 | 0.005 | 28 | 23.3 | 0.094 | 9 | 8.75 |
| 105G_1987_3026 | 0 | 0.09 | 15.3 | 3.2 | 0.35 | 239 | 320 | 2 | 1.84 | 0.005 | 28 | 24.1 | 0.099 | 8 | 9.09 |
| 105G_1987_3027 | 0 | 0.12 | 26.2 | 7.0 | 1.23 | 484 | 656 | <2 | 1.53 | 0.005 | 86 | 81.5 | 0.123 | 12 | 11.70 |
| 105G_1987_3028 | 0 | 0.10 | 14.8 | 12.6 | 0.42 | 238 | 255 | <2 | 0.51 | 0.008 | 31 | 26.0 | 0.098 | 7 | 7.31 |
| 105G_1987_3029 | 0 | 0.08 | 19.7 | 6.6 | 0.41 | 243 | 316 | <2 | 0.98 | 0.012 | 34 | 27.7 | 0.079 | 10 | 10.32 |
| 105G_1987_3030 | 0 | 0.09 | 15.8 | 11.8 | 0.48 | 523 | 617 | <2 | 0.72 | 0.017 | 36 | 31.2 | 0.079 | 10 | 9.60 |
| 105G_1987_3031 | 0 | 0.11 | 13.3 | 9.4 | 0.48 | 2320 | 2114 | <2 | 1.48 | 0.008 | 50 | 41.8 | 0.128 | 10 | 10.93 |
| 105G_1987_3032 | 0 | 0.09 | 10.1 | 16.6 | 0.37 | 1740 | 1361 | <2 | 0.99 | 0.008 | 31 | 25.4 | 0.150 | 8 | 8.17 |
| 105G_1987_3033 | 0 | 0.02 | 1.7 | 42.8 | 0.19 | 13300 | >10000 | <2 | 1.38 | 0.035 | 7 | 5.8 | 0.072 | 2 | 1.07 |
| 105G_1987_3034 | 0 | 0.09 | 11.6 | 20.4 | 0.57 | 306 | 327 | <2 | 0.61 | 0.016 | 45 | 39.7 | 0.094 | 10 | 10.61 |
| 105G_1987_3035 | 0 | 0.07 | 19.2 | 3.2 | 0.61 | 468 | 617 | <2 | 1.27 | 0.006 | 47 | 43.5 | 0.130 | 14 | 15.37 |
| 105G_1987_3036 | 0 | 0.07 | 21.4 | 7.0 | 0.40 | 164 | 209 | <2 | 1.06 | 0.010 | 38 | 32.8 | 0.074 | 13 | 13.25 |
| 105G_1987_3038 | 0 | 0.07 | 14.4 | 6.8 | 0.32 | 489 | 576 | <2 | 1.44 | 0.007 | 36 | 27.8 | 0.086 | 17 | 17.04 |
| 105G_1987_3039 | 0 | 0.07 | 13.7 | 6.4 | 0.29 | 170 | 216 | <2 | 1.97 | 0.007 | 47 | 37.1 | 0.115 | 24 | 23.17 |
| 105G_1987_3040 | 0 | 0.10 | 19.9 | 3.6 | 0.74 | 391 | 490 | 4 | 3.59 | 0.008 | 45 | 36.8 | 0.105 | 23 | 23.62 |
| 105G_1987_3042 | 1 | 0.09 | 13.0 | 2.2 | 0.44 | 13300 | 2058 | 2 | 1.73 | 0.010 | 37 | 29.4 | 0.108 | 17 | 17.07 |
| 105G_1987_3043 | 2 | 0.08 | 16.5 | 13.6 | 0.51 | 1600 | 1307 | <2 | 1.90 | 0.007 | 38 | 31.3 | 0.102 | 22 | 22.47 |
| 105G_1987_3045 | 0 | 0.07 | 9.7 | 32.3 | 0.26 | 300 | 320 | <2 | 0.57 | 0.009 | 18 | 17.8 | 0.094 | 12 | 11.20 |
| 105G_1987_3046 | 0 | 0.09 | 11.9 | 12.0 | 0.55 | 318 | 347 | <2 | 1.16 | 0.007 | 30 | 24.8 | 0.075 | 14 | 12.76 |
| 105G_1987_3047 | 0 | 0.11 | 20.6 | 3.2 | 0.90 | 392 | 455 | 4 | 4.32 | 0.008 | 46 | 39.0 | 0.119 | 29 | 28.34 |
| 105G_1987_3048 | 0 | 0.13 | 39.9 | 4.2 | 0.90 | 454 | 567 | <2 | 0.47 | 0.006 | 49 | 41.3 | 0.082 | 13 | 12.43 |
| 105G_1987_3049 | 0 | 0.10 | 13.9 | 12.2 | 0.38 | 1600 | 1401 | 2 | 1.97 | 0.007 | 37 | 30.8 | 0.103 | 19 | 19.65 |
| 105G_1987_3050 | 0 | 0.08 | 11.2 | 17.4 | 0.29 | 7700 | 5903 | 5 | 3.92 | 0.007 | 50 | 44.2 | 0.128 | 18 | 17.75 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3014 | 0 | 0.05 | 1.0 | 1.09 | 3.8 | 0.9 | 2 | 38.8 | 0.04 | 3.0 | 0.056 | 0.10 | 0.9 | 2.7 |
| 105G_1987_3015 | 0 | 0.03 | 1.4 | 1.17 | 3.5 | 0.9 | 2 | 40.7 | 0.04 | 3.5 | 0.044 | 0.10 | 1.0 | 3.0 |
| 105G_1987_3016 | 0 | 0.03 | 0.7 | 1.08 | 3.0 | 1.5 | 1 | 42.8 | 0.04 | 3.9 | 0.014 | 0.11 | 1.2 | 2.3 |
| 105G_1987_3017 | 0 | 0.10 | 0.6 | 0.71 | 2.2 | 0.9 | 1 | 40.7 | 0.03 | 4.1 | 0.005 | 0.11 | 1.4 | 2.6 |
| 105G_1987_3018 | 0 | 0.15 | 1.0 | 1.34 | 2.8 | 1.6 | 2 | 54.1 | 0.03 | 3.8 | 0.005 | 0.14 | 2.2 | 4.1 |
| 105G_1987_3019 | 0 | 0.03 | 0.7 | 0.92 | 1.7 | 0.9 | 3 | 45.6 | <0.02 | 2.1 | 0.007 | 0.11 | 1.2 | 3.3 |
| 105G_1987_3020 | 0 | 0.16 | 1.2 | 1.21 | 2.4 | 4.4 | 3 | 58.4 | 0.02 | 3.0 | 0.007 | 0.13 | 2.4 | 4.5 |
| 105G_1987_3022 | 1 | 0.03 | 1.1 | 0.97 | 2.1 | 0.9 | 1 | 36.0 | <0.02 | 3.5 | 0.008 | 0.11 | 1.5 | 4.1 |
| 105G_1987_3023 | 0 | 0.45 | 0.7 | 1.70 | 1.9 | 8.4 | 7 | 179.5 | 0.05 | 1.0 | 0.005 | 0.15 | 8.3 | 9.4 |
| 105G_1987_3024 | 2 | 0.03 | 0.8 | 1.06 | 2.0 | 0.9 | 3 | 37.6 | 0.04 | 3.7 | 0.008 | 0.12 | 1.5 | 3.4 |
| 105G_1987_3025 | 0 | 0.05 | 1.5 | 1.40 | 1.6 | 1.4 | 10 | 36.9 | 0.06 | 2.8 | 0.008 | 0.09 | 1.6 | 3.4 |
| 105G_1987_3026 | 0 | 0.02 | 1.2 | 1.31 | 1.7 | 1.2 | 1 | 36.5 | 0.06 | 3.2 | 0.008 | 0.09 | 1.5 | 3.1 |
| 105G_1987_3027 | 0 | 0.04 | 1.0 | 1.06 | 5.0 | 1.3 | 1 | 40.3 | 0.04 | 5.1 | 0.020 | 0.12 | 1.1 | 3.2 |
| 105G_1987_3028 | 0 | 0.06 | 0.6 | 0.75 | 1.8 | 1.2 | 2 | 49.1 | 0.03 | 3.0 | 0.009 | 0.11 | 1.1 | 3.1 |
| 105G_1987_3029 | 0 | 0.05 | 0.7 | 0.78 | 3.3 | 1.4 | 2 | 34.6 | 0.04 | 5.0 | 0.021 | 0.18 | 1.7 | 3.7 |
| 105G_1987_3030 | 0 | 0.06 | 0.8 | 0.76 | 4.1 | 1.2 | 3 | 49.7 | <0.02 | 4.0 | 0.022 | 0.18 | 1.9 | 3.9 |
| 105G_1987_3031 | 0 | 0.06 | 0.8 | 1.02 | 2.3 | 1.5 | 1 | 38.3 | 0.05 | 2.6 | 0.010 | 0.11 | 1.5 | 3.4 |
| 105G_1987_3032 | 0 | 0.09 | 0.7 | 0.94 | 1.5 | 2.1 | 4 | 61.7 | 0.02 | 1.2 | 0.007 | 0.12 | 1.0 | 2.3 |
| 105G_1987_3033 | 0 | 0.59 | <0.2 | 0.13 | 0.8 | 1.1 | 3 | 94.2 | 0.02 | 0.3 | 0.011 | 0.05 | 1.1 | 2.1 |
| 105G_1987_3034 | 0 | 0.29 | 0.5 | 0.66 | 2.8 | 3.6 | 4 | 70.0 | 0.02 | 3.4 | 0.019 | 0.13 | 1.8 | 3.7 |
| 105G_1987_3035 | 0 | <0.01 | 0.7 | 0.99 | 2.6 | 0.8 | 2 | 28.2 | 0.03 | 4.9 | 0.029 | 0.09 | 0.8 | 2.5 |
| 105G_1987_3036 | 0 | 0.04 | 0.9 | 0.71 | 2.4 | 0.7 | 1 | 31.1 | <0.02 | 4.9 | 0.004 | 0.10 | 3.0 | 5.1 |
| 105G_1987_3038 | 0 | 0.06 | 1.1 | 1.00 | 2.4 | 1.2 | 2 | 33.3 | 0.03 | 3.5 | 0.005 | 0.17 | 1.3 | 3.8 |
| 105G_1987_3039 | 0 | 0.05 | 1.8 | 1.49 | 2.5 | 1.4 | 4 | 37.9 | 0.02 | 3.1 | 0.005 | 0.46 | 1.1 | 4.9 |
| 105G_1987_3040 | 0 | 0.07 | 2.5 | 2.39 | 2.3 | 0.9 | 7 | 43.4 | <0.02 | 5.7 | 0.005 | 0.13 | 1.8 | 5.0 |
| 105G_1987_3042 | 1 | 0.19 | 1.2 | 1.49 | 2.8 | 4.6 | 5 | 69.4 | 0.02 | 2.5 | 0.005 | 0.14 | 2.5 | 4.6 |
| 105G_1987_3043 | 2 | 0.11 | 1.4 | 1.53 | 2.5 | 2.6 | 8 | 52.9 | <0.02 | 3.6 | 0.005 | 0.13 | 1.8 | 4.3 |
| 105G_1987_3045 | 0 | 0.54 | 0.3 | 0.84 | 2.4 | 5.9 | 5 | 63.3 | <0.02 | 2.5 | 0.004 | 0.13 | 4.3 | 6.2 |
| 105G_1987_3046 | 0 | 0.10 | 0.6 | 1.08 | 3.9 | 1.5 | 4 | 41.3 | <0.02 | 3.4 | 0.002 | 0.07 | 0.6 | 3.2 |
| 105G_1987_3047 | 0 | 0.11 | 3.5 | 2.84 | 2.3 | 1.2 | 8 | 44.1 | <0.02 | 6.3 | 0.005 | 0.14 | 2.1 | 4.8 |
| 105G_1987_3048 | 0 | 0.07 | 2.6 | 3.34 | 3.4 | 0.4 | 2 | 19.7 | <0.02 | 8.8 | 0.008 | 0.07 | 0.8 | 3.6 |
| 105G_1987_3049 | 0 | 0.10 | 1.2 | 1.34 | 2.7 | 1.7 | 3 | 44.5 | <0.02 | 3.3 | 0.003 | 0.10 | 1.9 | 4.6 |
| 105G_1987_3050 | 0 | 0.11 | 0.7 | 1.07 | 2.9 | 2.4 | 5 | 58.9 | 0.03 | 3.1 | 0.002 | 0.11 | 3.5 | 6.4 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3014 | 0 | 40 | 51 | 2 | <0.1 | 121 | 112.5 |
| 105G_1987_3015 | 0 | 38 | 48 | 2 | 0.1 | 119 | 103.5 |
| 105G_1987_3016 | 0 | 32 | 37 | 2 | 0.4 | 119 | 113.5 |
| 105G_1987_3017 | 0 | 23 | 28 | 2 | <0.1 | 116 | 109.3 |
| 105G_1987_3018 | 0 | 32 | 40 | 2 | <0.1 | 174 | 156.9 |
| 105G_1987_3019 | 0 | 24 | 31 | 2 | <0.1 | 118 | 101.0 |
| 105G_1987_3020 | 0 | 31 | 40 | 2 | <0.1 | 171 | 151.9 |
| 105G_1987_3022 | 1 | 25 | 27 | 2 | 0.1 | 159 | 148.7 |
| 105G_1987_3023 | 0 | 14 | 19 | 2 | <0.1 | 179 | 158.1 |
| 105G_1987_3024 | 2 | 23 | 27 | 2 | 0.1 | 149 | 145.5 |
| 105G_1987_3025 | 0 | 24 | 26 | 2 | <0.1 | 102 | 94.6 |
| 105G_1987_3026 | 0 | 22 | 26 | 2 | 0.1 | 93 | 90.2 |
| 105G_1987_3027 | 0 | 56 | 65 | 2 | <0.1 | 158 | 150.6 |
| 105G_1987_3028 | 0 | 17 | 23 | 2 | <0.1 | 72 | 65.5 |
| 105G_1987_3029 | 0 | 19 | 26 | 8 | <0.1 | 100 | 102.8 |
| 105G_1987_3030 | 0 | 22 | 28 | 2 | <0.1 | 140 | 130.4 |
| 105G_1987_3031 | 0 | 31 | 32 | 2 | <0.1 | 158 | 142.3 |
| 105G_1987_3032 | 0 | 20 | 24 | 2 | <0.1 | 288 | 246.8 |
| 105G_1987_3033 | 0 | <5 | 5 | 2 | <0.1 | 63 | 55.7 |
| 105G_1987_3034 | 0 | 27 | 31 | 2 | 0.2 | 145 | 124.6 |
| 105G_1987_3035 | 0 | 24 | 30 | 2 | 0.1 | 132 | 128.6 |
| 105G_1987_3036 | 0 | 19 | 22 | 2 | <0.1 | 136 | 123.8 |
| 105G_1987_3038 | 0 | 19 | 21 | 2 | <0.1 | 375 | 351.0 |
| 105G_1987_3039 | 0 | 21 | 25 | 2 | 0.2 | 252 | 216.8 |
| 105G_1987_3040 | 0 | 33 | 35 | 2 | 0.1 | 242 | 209.5 |
| 105G_1987_3042 | 1 | 29 | 32 | 2 | <0.1 | 228 | 207.2 |
| 105G_1987_3043 | 2 | 28 | 31 | 2 | <0.1 | 260 | 222.6 |
| 105G_1987_3045 | 0 | 15 | 23 | 2 | <0.1 | 136 | 119.7 |
| 105G_1987_3046 | 0 | 17 | 20 | 2 | <0.1 | 118 | 103.1 |
| 105G_1987_3047 | 0 | 41 | 42 | 2 | 0.1 | 271 | 233.6 |
| 105G_1987_3048 | 0 | 10 | 14 | 2 | <0.1 | 110 | 91.2 |
| 105G_1987_3049 | 0 | 21 | 21 | 2 | <0.1 | 318 | 274.3 |
| 105G_1987_3050 | 0 | 25 | 23 | 2 | <0.1 | 518 | 451.8 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3051 | 0 | <0.2 | 413 | 1.46 | 17 | 25.2 | <1 | 10.0 | | | 2 | 1680 | 473.8 | 0.44 |
| 105G_1987_3052 | 0 | <0.2 | 267 | 1.27 | 19 | 22.4 | 4 | 10.0 | | | 2 | 1000 | 158.3 | 0.28 |
| 105G_1987_3053 | 0 | <0.2 | 366 | 1.09 | 30 | 22.4 | 1 | 10.0 | | | 2 | 1660 | 290.9 | 0.36 |
| 105G_1987_3054 | 0 | <0.2 | 173 | 0.82 | 75 | 65.0 | <1 | 10.0 | | | 2 | 816 | 148.5 | 0.84 |
| 105G_1987_3055 | 0 | <0.2 | 267 | 1.17 | 400 | 307.2 | <1 | 10.0 | | | 1 | 1110 | 308.1 | 0.49 |
| 105G_1987_3056 | 0 | <0.2 | 171 | 1.79 | 18 | 26.5 | <1 | 10.0 | | | <1 | 612 | 143.8 | 0.45 |
| 105G_1987_3057 | 0 | <0.2 | 172 | 1.14 | 11 | 13.7 | <1 | 10.0 | | | <1 | 616 | 106.3 | 0.44 |
| 105G_1987_3058 | 0 | <0.2 | 98 | 0.34 | 5 | 5.5 | <1 | 10.0 | | | 1 | 640 | 78.1 | 0.10 |
| 105G_1987_3059 | 0 | <0.2 | 50 | 0.22 | 2 | 2.0 | <1 | 10.0 | | | 1 | 383 | 64.3 | 0.04 |
| 105G_1987_3060 | 0 | <0.2 | 364 | 0.76 | 10 | 11.2 | <1 | 10.0 | | | 4 | 1520 | 203.9 | 0.17 |
| 105G_1987_3062 | 0 | <0.2 | 78 | 0.25 | 7 | 6.4 | <1 | 10.0 | | | 2 | 285 | 50.7 | 0.08 |
| 105G_1987_3063 | 0 | <0.2 | 396 | 2.09 | 80 | 71.3 | <1 | 10.0 | | | <1 | 649 | 77.9 | 1.43 |
| 105G_1987_3064 | 1 | <0.2 | 184 | 0.53 | 6 | 5.4 | <1 | 10.0 | | | 2 | 1130 | 199.8 | 0.13 |
| 105G_1987_3065 | 2 | <0.2 | 182 | 0.57 | 5 | 4.5 | 1 | 10.0 | | | 3 | 1140 | 210.1 | 0.12 |
| 105G_1987_3067 | 0 | <0.2 | 451 | 1.73 | 60 | 51.4 | <1 | 10.0 | | | 1 | 824 | 84.3 | 1.62 |
| 105G_1987_3068 | 0 | <0.2 | | | 30 | | <10 | 1.0 | | | | | | |
| 105G_1987_3069 | 0 | <0.2 | 190 | 0.91 | 5 | 4.6 | <1 | 10.0 | | | 3 | 1470 | 204.4 | 0.26 |
| 105G_1987_3070 | 0 | <0.2 | 341 | 1.07 | 8 | 8.3 | 3 | 10.0 | | | 3 | 1670 | 459.0 | 0.18 |
| 105G_1987_3071 | 0 | <0.2 | 169 | 0.80 | 18 | 18.0 | <1 | 10.0 | | | 5 | 1260 | 389.8 | 0.14 |
| 105G_1987_3072 | 0 | <0.2 | 264 | 0.88 | 9 | 8.0 | 3 | 10.0 | | | 4 | 1260 | 299.0 | 0.22 |
| 105G_1987_3073 | 0 | <0.2 | 211 | 0.77 | 9 | 9.2 | <1 | 10.0 | | | 3 | 1550 | 288.4 | 0.22 |
| 105G_1987_3074 | 0 | <0.2 | 290 | 1.00 | 8 | 7.4 | <1 | 10.0 | | | 4 | 1410 | 268.3 | 0.26 |
| 105G_1987_3075 | 0 | <0.2 | 292 | 0.66 | 11 | 16.2 | <1 | 10.0 | | | 4 | 1690 | 669.2 | 0.13 |
| 105G_1987_3076 | 0 | <0.2 | 370 | 0.84 | 8 | 8.6 | <1 | 10.0 | | | 6 | 1380 | 375.0 | 0.20 |
| 105G_1987_3077 | 0 | <0.2 | 322 | 0.88 | 8 | 8.4 | <1 | 10.0 | | | 3 | 1400 | 313.2 | 0.21 |
| 105G_1987_3078 | 0 | <0.2 | 358 | 1.00 | 8 | 8.6 | 2 | 10.0 | | | 1 | 1630 | 465.7 | 0.21 |
| 105G_1987_3079 | 0 | 0.2 | 315 | 0.92 | 6 | 6.8 | <1 | 10.0 | | | 3 | 1640 | 324.4 | 0.20 |
| 105G_1987_3080 | 0 | 0.3 | 214 | 0.80 | 7 | 8.5 | <1 | 10.0 | | | 1 | 1690 | 388.0 | 0.17 |
| 105G_1987_3082 | 1 | 0.2 | 167 | 0.67 | 6 | 5.8 | <1 | 10.0 | | | 1 | 1600 | 542.3 | 0.14 |
| 105G_1987_3083 | 2 | <0.2 | 168 | 0.68 | 6 | 6.5 | 2 | 10.0 | | | 3 | 1630 | 519.7 | 0.15 |
| 105G_1987_3084 | 0 | 0.4 | 394 | 0.88 | 9 | 12.7 | <1 | 10.0 | | | 4 | 1760 | 516.1 | 0.23 |
| 105G_1987_3085 | 0 | <0.2 | 162 | 0.82 | 5 | 5.3 | <1 | 10.0 | | | 2 | 1500 | 364.6 | 0.15 |
| 105G_1987_3087 | 0 | 0.3 | 304 | 0.96 | 5 | 4.9 | <1 | 10.0 | | | 2 | 1560 | 321.0 | 0.18 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3051 | 0 | 1.01 | 2.0 | 2.40 | 12 | 12.3 | 19.0 | 32 | 32.72 | 590 | 3.01 | 3.29 | 4.5 | 50 | 40 |
| 105G_1987_3052 | 0 | 1.31 | 0.4 | 0.65 | 13 | 9.8 | 19.4 | 37 | 34.64 | 460 | 2.89 | 2.70 | 3.9 | 195 | 211 |
| 105G_1987_3053 | 0 | 0.46 | 1.8 | 1.78 | 14 | 11.3 | 19.5 | 37 | 31.39 | 555 | 2.83 | 2.61 | 3.4 | 75 | 60 |
| 105G_1987_3054 | 0 | 0.27 | 1.8 | 2.10 | 6 | 6.4 | 9.1 | 14 | 14.10 | 365 | 2.57 | 2.51 | 2.8 | 25 | 32 |
| 105G_1987_3055 | 0 | 0.27 | 1.9 | 2.40 | 10 | 9.9 | 13.9 | 22 | 20.68 | 390 | 4.61 | 5.25 | 3.3 | 70 | 66 |
| 105G_1987_3056 | 0 | 0.45 | 2.2 | 2.54 | 33 | 29.5 | 25.8 | 30 | 28.08 | 380 | 5.19 | 5.15 | 4.9 | 40 | 39 |
| 105G_1987_3057 | 0 | 0.35 | 0.6 | 0.81 | 8 | 10.5 | 13.7 | 17 | 14.89 | 450 | 2.78 | 2.28 | 4.4 | 30 | 31 |
| 105G_1987_3058 | 0 | 3.65 | 0.6 | 0.65 | 5 | 5.2 | 7.6 | 11 | 9.42 | 445 | 1.18 | 1.41 | 0.8 | 40 | 33 |
| 105G_1987_3059 | 0 | 15.60 | 0.3 | 0.35 | <2 | 3.3 | 6.1 | 8 | 5.61 | 210 | 1.02 | 0.85 | 0.5 | 25 | 16 |
| 105G_1987_3060 | 0 | 1.66 | 2.6 | 2.85 | 6 | 9.7 | 12.9 | 31 | 29.62 | 380 | 2.52 | 2.64 | 1.7 | 95 | 99 |
| 105G_1987_3062 | 0 | 8.34 | 0.7 | 0.63 | 5 | 3.6 | 5.3 | 8 | 5.95 | 295 | 1.16 | 1.06 | 0.6 | 55 | 41 |
| 105G_1987_3063 | 0 | 0.31 | 4.2 | 4.44 | 30 | 25.6 | 31.9 | 58 | 55.76 | 380 | 5.08 | 5.37 | 6.4 | 30 | 28 |
| 105G_1987_3064 | 1 | 2.20 | 3.7 | 3.81 | 11 | 7.3 | 10.7 | 18 | 16.19 | 445 | 1.31 | 1.48 | 1.4 | 45 | 41 |
| 105G_1987_3065 | 2 | 2.14 | 6.1 | 5.65 | 9 | 6.7 | 10.9 | 19 | 16.47 | 420 | 1.18 | 1.39 | 1.4 | 45 | 49 |
| 105G_1987_3067 | 0 | 0.29 | 1.1 | 1.45 | 29 | 24.9 | 27.5 | 56 | 53.33 | 380 | 3.99 | 4.36 | 5.3 | 30 | 28 |
| 105G_1987_3068 | 0 | | 1.5 | | 19 | | | 32 | | 590 | 3.00 | | | | |
| 105G_1987_3069 | 0 | 2.99 | 0.8 | 0.91 | 9 | 6.9 | 13.4 | 25 | 22.94 | 455 | 1.38 | 1.70 | 2.5 | 45 | 52 |
| 105G_1987_3070 | 0 | 1.32 | 1.5 | 1.69 | 11 | 9.4 | 28.4 | 32 | 29.09 | 415 | 2.32 | 2.08 | 2.9 | 130 | 137 |
| 105G_1987_3071 | 0 | 1.23 | 0.6 | 0.73 | 10 | 6.4 | 20.5 | 23 | 20.82 | 340 | 3.13 | 2.79 | 2.5 | 115 | 99 |
| 105G_1987_3072 | 0 | 0.93 | 2.1 | 2.27 | 18 | 14.8 | 14.9 | 38 | 36.20 | 585 | 1.95 | 2.00 | 2.4 | 150 | 110 |
| 105G_1987_3073 | 0 | 1.23 | 0.9 | 0.99 | 7 | 7.4 | 13.3 | 26 | 23.37 | 525 | 1.68 | 1.62 | 2.0 | 120 | 72 |
| 105G_1987_3074 | 0 | 0.87 | 1.2 | 1.26 | 6 | 8.0 | 15.0 | 23 | 21.02 | 490 | 2.05 | 1.64 | 2.5 | 225 | 106 |
| 105G_1987_3075 | 0 | 1.55 | 1.7 | 2.06 | 13 | 9.4 | 8.3 | 22 | 22.09 | 355 | 3.23 | 3.17 | 1.7 | 260 | 107 |
| 105G_1987_3076 | 0 | 1.49 | 1.7 | 1.89 | 5 | 7.2 | 11.0 | 24 | 23.15 | 485 | 2.06 | 1.91 | 2.1 | 220 | 116 |
| 105G_1987_3077 | 0 | 1.00 | 1.6 | 1.82 | 7 | 7.4 | 11.8 | 31 | 30.11 | 470 | 2.11 | 1.67 | 2.1 | 150 | 80 |
| 105G_1987_3078 | 0 | 0.70 | 1.6 | 1.78 | 14 | 13.7 | 16.4 | 32 | 34.00 | 435 | 2.20 | 2.17 | 2.6 | 205 | 189 |
| 105G_1987_3079 | 0 | 0.92 | 1.9 | 1.43 | 7 | 7.6 | 13.1 | 26 | 26.13 | 580 | 2.05 | 1.73 | 2.3 | 95 | 113 |
| 105G_1987_3080 | 0 | 0.68 | 1.4 | 1.17 | 5 | 7.5 | 12.3 | 30 | 29.71 | 565 | 1.78 | 1.72 | 2.2 | 105 | 90 |
| 105G_1987_3082 | 1 | 0.64 | 0.7 | 0.92 | 7 | 6.2 | 9.7 | 16 | 15.93 | 540 | 1.41 | 1.43 | 1.8 | 80 | 61 |
| 105G_1987_3083 | 2 | 0.66 | 0.9 | 0.97 | 5 | 6.6 | 9.5 | 17 | 17.14 | 510 | 1.49 | 1.50 | 1.8 | 90 | 72 |
| 105G_1987_3084 | 0 | 1.24 | 2.5 | 2.70 | 12 | 10.9 | 14.8 | 44 | 45.31 | 510 | 2.27 | 2.05 | 2.5 | 170 | 158 |
| 105G_1987_3085 | 0 | 0.85 | 0.7 | 0.88 | 6 | 6.3 | 10.8 | 20 | 20.89 | 390 | 1.60 | 1.46 | 2.1 | 75 | 56 |
| 105G_1987_3087 | 0 | 0.45 | 0.8 | 1.00 | 6 | 5.6 | 10.9 | 24 | 23.67 | 420 | 1.69 | 1.36 | 2.5 | 85 | 74 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3051 | 0 | 0.25 | 20.9 | 6.4 | 0.87 | 1840 | 1885 | 4 | 5.43 | 0.032 | 40 | 36.3 | 0.105 | 53 | 56.15 |
| 105G_1987_3052 | 0 | 0.11 | 18.3 | 23.0 | 0.46 | 291 | 288 | <2 | 0.40 | 0.014 | 28 | 25.1 | 0.087 | 32 | 32.31 |
| 105G_1987_3053 | 0 | 0.11 | 22.1 | 6.4 | 0.48 | 573 | 624 | 2 | 2.73 | 0.010 | 42 | 33.3 | 0.108 | 28 | 26.53 |
| 105G_1987_3054 | 0 | 0.09 | 19.9 | 5.6 | 0.25 | 453 | 592 | 2 | 2.84 | 0.009 | 15 | 12.7 | 0.083 | 50 | 50.25 |
| 105G_1987_3055 | 0 | 0.09 | 21.2 | 12.0 | 0.34 | 580 | 781 | 3 | 3.20 | 0.010 | 19 | 19.0 | 0.139 | 24 | 24.58 |
| 105G_1987_3056 | 0 | 0.12 | 34.1 | 13.0 | 0.56 | 1540 | 1492 | 5 | 4.30 | 0.016 | 62 | 56.6 | 0.081 | 33 | 33.18 |
| 105G_1987_3057 | 0 | 0.09 | 28.2 | 7.8 | 0.36 | 449 | 481 | <2 | 1.42 | 0.010 | 24 | 19.3 | 0.065 | 28 | 27.01 |
| 105G_1987_3058 | 0 | 0.05 | 12.1 | 8.8 | 2.13 | 178 | 229 | 3 | 2.36 | 0.006 | 24 | 20.5 | 0.062 | 14 | 13.00 |
| 105G_1987_3059 | 0 | 0.02 | 7.0 | 4.6 | 7.93 | 400 | 609 | 6 | 0.50 | 0.011 | 17 | 16.1 | 0.041 | 9 | 4.39 |
| 105G_1987_3060 | 0 | 0.11 | 14.0 | 18.8 | 0.87 | 715 | 798 | 3 | 2.84 | 0.009 | 51 | 44.8 | 0.115 | 16 | 15.79 |
| 105G_1987_3062 | 0 | 0.04 | 7.1 | 4.6 | 4.33 | 442 | 609 | 6 | 2.21 | 0.009 | 19 | 16.0 | 0.048 | 10 | 6.97 |
| 105G_1987_3063 | 0 | 0.17 | 38.2 | 10.4 | 0.61 | 1018 | 1445 | 2 | 1.66 | 0.015 | 56 | 51.1 | 0.077 | 109 | 105.74 |
| 105G_1987_3064 | 1 | 0.08 | 14.1 | 8.0 | 1.53 | 204 | 238 | 2 | 2.45 | 0.005 | 35 | 31.5 | 0.086 | 16 | 13.50 |
| 105G_1987_3065 | 2 | 0.10 | 12.8 | 10.4 | 1.45 | 182 | 211 | 2 | 2.15 | 0.006 | 36 | 30.4 | 0.085 | 15 | 12.84 |
| 105G_1987_3067 | 0 | 0.10 | 37.0 | 9.2 | 0.60 | 711 | 952 | 2 | 2.44 | 0.010 | 47 | 44.2 | 0.087 | 62 | 58.50 |
| 105G_1987_3068 | 0 | | | | | 542 | | 6 | | | 47 | | | 34 | |
| 105G_1987_3069 | 0 | 0.09 | 10.9 | 13.8 | 0.56 | 143 | 168 | <2 | 0.51 | 0.011 | 27 | 22.9 | 0.067 | 14 | 13.33 |
| 105G_1987_3070 | 0 | 0.15 | 10.4 | 25.6 | 0.55 | 2720 | 2147 | <2 | 1.29 | 0.014 | 43 | 36.3 | 0.128 | 12 | 11.17 |
| 105G_1987_3071 | 0 | 0.08 | 7.1 | 28.8 | 0.44 | 3060 | 2331 | <2 | 1.38 | 0.008 | 28 | 22.6 | 0.163 | 9 | 8.16 |
| 105G_1987_3072 | 0 | 0.10 | 15.0 | 6.4 | 0.46 | 790 | 1016 | 2 | 2.01 | 0.010 | 94 | 77.3 | 0.167 | 11 | 11.50 |
| 105G_1987_3073 | 0 | 0.09 | 13.0 | 8.0 | 0.51 | 392 | 376 | <2 | 1.64 | 0.009 | 31 | 23.3 | 0.131 | 13 | 14.17 |
| 105G_1987_3074 | 0 | 0.13 | 12.8 | 18.4 | 0.40 | 178 | 194 | <2 | 1.06 | 0.010 | 29 | 21.7 | 0.120 | 16 | 16.54 |
| 105G_1987_3075 | 0 | 0.07 | 6.8 | 27.6 | 0.31 | 10520 | 7775 | 3 | 3.66 | 0.010 | 28 | 24.7 | 0.120 | 8 | 8.18 |
| 105G_1987_3076 | 0 | 0.10 | 9.9 | 25.4 | 0.41 | 1900 | 1460 | 2 | 1.75 | 0.011 | 29 | 23.8 | 0.133 | 14 | 14.12 |
| 105G_1987_3077 | 0 | 0.10 | 12.4 | 13.6 | 0.42 | 375 | 398 | <2 | 1.85 | 0.007 | 33 | 28.8 | 0.099 | 15 | 15.03 |
| 105G_1987_3078 | 0 | 0.10 | 13.5 | 9.2 | 0.43 | 1700 | 1654 | 2 | 2.58 | 0.008 | 48 | 46.0 | 0.117 | 11 | 13.42 |
| 105G_1987_3079 | 0 | 0.10 | 14.2 | 12.8 | 0.41 | 371 | 436 | <2 | 1.01 | 0.006 | 27 | 25.6 | 0.116 | 14 | 14.43 |
| 105G_1987_3080 | 0 | 0.10 | 13.6 | 6.8 | 0.41 | 382 | 449 | <2 | 1.47 | 0.006 | 31 | 27.7 | 0.110 | 12 | 13.41 |
| 105G_1987_3082 | 1 | 0.08 | 14.4 | 5.0 | 0.37 | 326 | 420 | <2 | 1.37 | 0.006 | 24 | 20.2 | 0.137 | 11 | 11.22 |
| 105G_1987_3083 | 2 | 0.08 | 13.1 | 4.6 | 0.37 | 321 | 423 | <2 | 1.33 | 0.006 | 24 | 20.7 | 0.135 | 11 | 11.96 |
| 105G_1987_3084 | 0 | 0.11 | 11.9 | 17.4 | 0.51 | 513 | 545 | 2 | 3.29 | 0.008 | 47 | 43.7 | 0.131 | 17 | 17.52 |
| 105G_1987_3085 | 0 | 0.08 | 12.5 | 11.4 | 0.41 | 267 | 339 | <2 | 0.65 | 0.008 | 23 | 21.2 | 0.084 | 11 | 11.96 |
| 105G_1987_3087 | 0 | 0.08 | 13.7 | 12.2 | 0.24 | 113 | 129 | <2 | 0.63 | 0.015 | 19 | 17.5 | 0.090 | 11 | 13.42 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3051 | 0 | 0.17 | 2.7 | 4.34 | 3.6 | 2.1 | 7 | 49.5 | 0.07 | 8.2 | 0.028 | 0.28 | 4.1 | 5.8 |
| 105G_1987_3052 | 0 | 0.17 | 0.6 | 1.46 | 2.9 | 1.4 | 5 | 71.9 | <0.02 | 4.2 | 0.007 | 0.14 | 2.4 | 4.9 |
| 105G_1987_3053 | 0 | 0.05 | 1.4 | 1.98 | 2.4 | 1.5 | 7 | 39.6 | 0.02 | 6.5 | 0.012 | 0.18 | 2.9 | 6.3 |
| 105G_1987_3054 | 0 | 0.05 | 0.7 | 0.72 | 1.9 | 1.1 | 32 | 20.3 | <0.02 | 9.1 | 0.015 | 0.15 | 3.9 | 6.6 |
| 105G_1987_3055 | 0 | 0.08 | 1.1 | 1.04 | 2.7 | 1.2 | 5 | 25.2 | <0.02 | 6.7 | 0.011 | 0.17 | 6.1 | 7.8 |
| 105G_1987_3056 | 0 | 0.10 | 0.7 | 0.86 | 3.2 | 2.1 | 5 | 26.2 | <0.02 | 5.8 | 0.011 | 0.17 | 22.6 | 24.0 |
| 105G_1987_3057 | 0 | 0.07 | 0.3 | 0.44 | 3.1 | 0.8 | 6 | 20.1 | <0.02 | 10.4 | 0.027 | 0.19 | 10.1 | 13.1 |
| 105G_1987_3058 | 0 | 0.03 | 1.0 | 1.35 | 1.6 | 0.8 | 14 | 21.8 | <0.02 | 1.7 | 0.004 | 0.13 | 1.4 | 4.2 |
| 105G_1987_3059 | 0 | <0.01 | 0.2 | 0.38 | 0.7 | 0.5 | 32 | 45.5 | <0.02 | 0.7 | 0.004 | 0.10 | 1.2 | 1.8 |
| 105G_1987_3060 | 0 | 0.11 | 1.0 | 1.58 | 1.8 | 3.3 | 7 | 26.1 | 0.05 | 2.5 | 0.004 | 0.19 | 3.5 | 6.3 |
| 105G_1987_3062 | 0 | <0.01 | 0.7 | 1.13 | 1.0 | 0.8 | 28 | 27.9 | <0.02 | 1.2 | 0.004 | 0.10 | 1.2 | 3.2 |
| 105G_1987_3063 | 0 | 0.07 | 1.1 | 1.16 | 3.4 | 1.1 | 3 | 26.9 | 0.03 | 8.3 | 0.019 | 0.24 | 5.7 | 7.6 |
| 105G_1987_3064 | 1 | 0.08 | 1.6 | 1.92 | 1.8 | 1.7 | 9 | 19.9 | 0.02 | 2.5 | 0.005 | 0.13 | 1.5 | 4.2 |
| 105G_1987_3065 | 2 | 0.06 | 1.2 | 1.76 | 1.8 | 2.1 | 9 | 20.0 | 0.02 | 2.3 | 0.004 | 0.12 | 1.5 | 4.4 |
| 105G_1987_3067 | 0 | 0.07 | 0.7 | 1.12 | 3.2 | 1.1 | 3 | 21.4 | 0.05 | 8.9 | 0.011 | 0.13 | 8.1 | 9.0 |
| 105G_1987_3068 | 0 | | | | | | | | | | | | | |
| 105G_1987_3069 | 0 | 0.23 | 0.4 | 0.66 | 1.9 | 2.9 | 11 | 59.3 | <0.02 | 4.2 | 0.007 | 0.12 | 1.9 | 4.0 |
| 105G_1987_3070 | 0 | 0.20 | 0.5 | 1.12 | 2.4 | 3.0 | 6 | 69.1 | 0.02 | 2.3 | 0.009 | 0.13 | 1.7 | 3.3 |
| 105G_1987_3071 | 0 | 0.20 | 0.2 | 0.81 | 1.8 | 2.3 | 5 | 61.3 | 0.03 | 1.0 | 0.008 | 0.09 | 2.1 | 3.9 |
| 105G_1987_3072 | 0 | 0.04 | 1.0 | 1.33 | 2.1 | 1.6 | 6 | 51.1 | 0.03 | 3.3 | 0.010 | 0.14 | 1.5 | 4.0 |
| 105G_1987_3073 | 0 | 0.05 | 0.6 | 1.19 | 1.9 | 1.4 | 5 | 57.5 | 0.04 | 3.5 | 0.008 | 0.13 | 1.2 | 3.3 |
| 105G_1987_3074 | 0 | 0.17 | 0.6 | 1.04 | 2.2 | 1.4 | 4 | 48.9 | 0.03 | 4.4 | 0.005 | 0.15 | 2.2 | 4.8 |
| 105G_1987_3075 | 0 | 0.32 | 0.3 | 0.99 | 1.9 | 3.3 | 5 | 175.6 | 0.02 | 1.7 | 0.003 | 0.16 | 2.9 | 4.4 |
| 105G_1987_3076 | 0 | 0.16 | 0.4 | 0.92 | 2.0 | 3.4 | 6 | 123.4 | 0.02 | 1.9 | 0.005 | 0.16 | 1.3 | 3.2 |
| 105G_1987_3077 | 0 | 0.14 | 0.7 | 1.55 | 2.0 | 2.3 | 6 | 66.4 | 0.04 | 3.9 | 0.004 | 0.16 | 1.9 | 4.7 |
| 105G_1987_3078 | 0 | 0.05 | 0.8 | 1.11 | 2.8 | 2.2 | 5 | 57.3 | 0.02 | 3.3 | 0.004 | 0.15 | 1.6 | 3.9 |
| 105G_1987_3079 | 0 | 0.12 | 0.8 | 1.00 | 2.4 | 3.9 | 1 | 58.4 | 0.03 | 4.3 | 0.003 | 0.16 | 1.5 | 3.7 |
| 105G_1987_3080 | 0 | 0.03 | 1.1 | 1.36 | 2.4 | 1.2 | 1 | 51.8 | <0.02 | 3.8 | 0.005 | 0.12 | 1.2 | 3.6 |
| 105G_1987_3082 | 1 | 0.04 | 0.5 | 0.88 | 1.8 | 0.9 | 3 | 47.0 | <0.02 | 4.0 | 0.005 | 0.12 | 1.1 | 3.2 |
| 105G_1987_3083 | 2 | 0.07 | 0.7 | 0.88 | 1.8 | 1.2 | 1 | 48.2 | <0.02 | 3.8 | 0.005 | 0.12 | 1.1 | 3.4 |
| 105G_1987_3084 | 0 | 0.12 | 1.5 | 2.23 | 3.1 | 4.5 | 4 | 75.5 | 0.04 | 3.4 | 0.004 | 0.19 | 2.2 | 4.1 |
| 105G_1987_3085 | 0 | 0.08 | 0.4 | 0.80 | 1.8 | 1.1 | 3 | 42.8 | <0.02 | 3.1 | 0.005 | 0.11 | 1.1 | 3.0 |
| 105G_1987_3087 | 0 | 0.11 | 0.4 | 0.55 | 1.7 | 2.5 | 1 | 29.0 | <0.02 | 2.7 | 0.003 | 0.12 | 2.7 | 4.7 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3051 | 0 | 59 | 55 | 2 | 0.4 | 235 | 204.6 |
| 105G_1987_3052 | 0 | 18 | 21 | 2 | <0.1 | 197 | 169.1 |
| 105G_1987_3053 | 0 | 34 | 33 | 2 | 0.9 | 247 | 192.8 |
| 105G_1987_3054 | 0 | 17 | 22 | 2 | 2.1 | 130 | 126.6 |
| 105G_1987_3055 | 0 | 27 | 29 | 2 | 0.5 | 146 | 121.8 |
| 105G_1987_3056 | 0 | 29 | 29 | 2 | 0.2 | 330 | 278.5 |
| 105G_1987_3057 | 0 | 23 | 21 | 2 | 0.8 | 145 | 116.7 |
| 105G_1987_3058 | 0 | 15 | 16 | 2 | 0.3 | 70 | 61.8 |
| 105G_1987_3059 | 0 | 18 | 14 | 2 | <0.1 | 55 | 42.2 |
| 105G_1987_3060 | 0 | 24 | 28 | 2 | <0.1 | 267 | 226.9 |
| 105G_1987_3062 | 0 | 16 | 16 | 2 | 0.5 | 67 | 55.5 |
| 105G_1987_3063 | 0 | 36 | 36 | 4 | 1.1 | 331 | 279.6 |
| 105G_1987_3064 | 1 | 24 | 26 | 2 | 0.1 | 219 | 190.0 |
| 105G_1987_3065 | 2 | 25 | 26 | 2 | <0.1 | 243 | 200.7 |
| 105G_1987_3067 | 0 | 30 | 31 | 4 | 1.6 | 195 | 171.1 |
| 105G_1987_3068 | 0 | 51 | | | | 226 | |
| 105G_1987_3069 | 0 | 22 | 24 | 2 | <0.1 | 118 | 96.2 |
| 105G_1987_3070 | 0 | 25 | 35 | 2 | <0.1 | 216 | 174.2 |
| 105G_1987_3071 | 0 | 29 | 37 | 2 | <0.1 | 117 | 98.4 |
| 105G_1987_3072 | 0 | 27 | 31 | 2 | 0.2 | 561 | 524.4 |
| 105G_1987_3073 | 0 | 30 | 35 | 2 | 0.1 | 137 | 106.9 |
| 105G_1987_3074 | 0 | 25 | 33 | 2 | 0.2 | 178 | 148.1 |
| 105G_1987_3075 | 0 | 16 | 22 | 2 | 0.1 | 192 | 169.4 |
| 105G_1987_3076 | 0 | 16 | 24 | 2 | 0.1 | 196 | 160.8 |
| 105G_1987_3077 | 0 | 23 | 29 | 2 | <0.1 | 194 | 164.0 |
| 105G_1987_3078 | 0 | 25 | 33 | 2 | 0.2 | 194 | 171.8 |
| 105G_1987_3079 | 0 | 22 | 32 | 2 | <0.1 | 176 | 155.9 |
| 105G_1987_3080 | 0 | 26 | 36 | 2 | <0.1 | 137 | 120.7 |
| 105G_1987_3082 | 1 | 18 | 25 | 2 | 0.3 | 142 | 125.8 |
| 105G_1987_3083 | 2 | 18 | 24 | 2 | 0.2 | 141 | 128.6 |
| 105G_1987_3084 | 0 | 34 | 43 | 2 | 0.1 | 277 | 231.5 |
| 105G_1987_3085 | 0 | 17 | 24 | 2 | <0.1 | 114 | 99.8 |
| 105G_1987_3087 | 0 | 16 | 22 | 2 | <0.1 | 93 | 94.5 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3088 | 0 | <0.2 | 234 | 0.61 | 8 | 7.5 | <1 | 10.0 | | | 3 | 2360 | 1093.9 | 0.12 |
| 105G_1987_3089 | 0 | 0.2 | 311 | 0.88 | 4 | 5.6 | 6 | 10.0 | 16 | 10.0 | 3 | 6230 | 2194.8 | 0.29 |
| 105G_1987_3090 | 0 | 0.2 | 293 | 1.25 | 4 | 4.7 | <1 | 10.0 | | | 2 | 1150 | 198.2 | 0.28 |
| 105G_1987_3091 | 0 | 1.4 | 1332 | 0.92 | 11 | 12.9 | <1 | 10.0 | | | 3 | 1850 | 777.4 | 0.90 |
| 105G_1987_3092 | 0 | 0.2 | 224 | 0.86 | 11 | 12.4 | <1 | 10.0 | | | 1 | 2160 | 738.1 | 0.71 |
| 105G_1987_3093 | 0 | <0.2 | 252 | 1.14 | 12 | 14.5 | 1 | 10.0 | | | 1 | 1560 | 287.3 | 0.28 |
| 105G_1987_3094 | 0 | 0.3 | 339 | 1.72 | 9 | 8.9 | 1 | 10.0 | | | 3 | 1600 | 441.9 | 0.53 |
| 105G_1987_3095 | 0 | <0.2 | 69 | 0.17 | 1 | 0.4 | 6 | 10.0 | 6 | 1.0 | 21 | 349 | 220.6 | 0.05 |
| 105G_1987_3096 | 0 | 0.3 | 203 | 1.21 | 8 | 9.7 | <1 | 10.0 | | | 6 | 1100 | 222.3 | 0.30 |
| 105G_1987_3097 | 0 | 0.2 | 213 | 1.51 | 6 | 6.9 | <1 | 10.0 | | | 4 | 1380 | 315.2 | 0.22 |
| 105G_1987_3098 | 0 | <0.2 | 212 | 1.39 | 6 | 9.3 | <1 | 10.0 | | | 3 | 1530 | 469.2 | 0.21 |
| 105G_1987_3099 | 0 | <0.2 | 40 | 0.51 | <1 | 1.3 | <1 | 10.0 | | | 18 | 302 | 127.2 | 0.03 |
| 105G_1987_3100 | 0 | <0.2 | 49 | 0.40 | <1 | 1.0 | <1 | 10.0 | | | 2 | 699 | 133.5 | 0.03 |
| 105G_1987_3102 | 0 | <0.2 | 291 | 1.24 | 10 | 13.0 | 2 | 10.0 | | | 4 | 1790 | 581.4 | 0.24 |
| 105G_1987_3103 | 1 | 0.3 | 265 | 0.81 | 13 | 9.8 | 66 | 10.0 | 6 | 5.0 | 3 | 2510 | 974.0 | 0.16 |
| 105G_1987_3104 | 2 | 0.3 | 234 | 0.77 | 9 | 10.1 | 4 | 10.0 | 17 | 10.0 | 3 | 2860 | 1049.0 | 0.16 |
| 105G_1987_3105 | 0 | <0.2 | 290 | 0.92 | 10 | 12.2 | <1 | 10.0 | | | 3 | 2040 | 762.8 | 0.19 |
| 105G_1987_3106 | 0 | 0.4 | 373 | 0.87 | 9 | 10.3 | 412 | 10.0 | 6 | 10.0 | 2 | 2270 | 1069.2 | 0.20 |
| 105G_1987_3107 | 0 | 0.4 | 317 | 1.07 | 10 | 9.8 | 1 | 10.0 | | | 4 | 1730 | 552.0 | 0.17 |
| 105G_1987_3108 | 0 | 0.5 | 458 | 0.86 | 5 | 5.6 | <1 | 10.0 | | | 6 | 1350 | 467.1 | 0.15 |
| 105G_1987_3109 | 0 | 0.2 | 222 | 0.77 | 6 | 7.1 | <1 | 10.0 | | | 4 | 1500 | 347.4 | 0.13 |
| 105G_1987_3110 | 0 | 0.3 | 256 | 0.69 | 15 | 15.5 | <1 | 10.0 | | | 6 | 1950 | 935.8 | 0.13 |
| 105G_1987_3111 | 0 | <0.2 | 264 | 0.72 | 8 | 11.6 | <1 | 10.0 | | | 2 | 1350 | 337.0 | 0.13 |
| 105G_1987_3112 | 0 | 0.3 | 279 | 0.58 | 10 | 11.1 | 2 | 10.0 | | | 3 | 2160 | 694.7 | 0.12 |
| 105G_1987_3113 | 0 | 0.3 | 418 | 0.86 | 9 | 10.3 | <1 | 10.0 | | | 1 | 1850 | 569.3 | 0.18 |
| 105G_1987_3114 | 0 | 0.3 | 301 | 0.80 | 10 | 12.0 | <1 | 10.0 | | | 2 | 1640 | 465.9 | 0.21 |
| 105G_1987_3115 | 0 | <0.2 | 210 | 0.93 | 6 | 6.5 | <1 | 10.0 | | | 1 | 1000 | 138.9 | 0.18 |
| 105G_1987_3116 | 0 | <0.2 | 96 | 0.85 | 9 | 10.7 | <1 | 10.0 | | | 2 | 1140 | 314.4 | 0.14 |
| 105G_1987_3117 | 0 | <0.2 | 116 | 0.76 | 15 | 14.4 | <1 | 10.0 | | | 1 | 1080 | 235.6 | 0.17 |
| 105G_1987_3118 | 0 | 0.3 | 201 | 0.92 | 12 | 19.3 | 1 | 10.0 | | | 1 | 1410 | 372.3 | 0.20 |
| 105G_1987_3120 | 0 | <0.2 | 131 | 1.34 | 19 | 19.3 | <1 | 10.0 | | | 1 | 1250 | 282.1 | 0.33 |
| 105G_1987_3122 | 1 | 0.3 | 184 | 1.06 | 11 | 11.8 | <1 | 10.0 | | | 2 | 1113 | 222.6 | 0.23 |
| 105G_1987_3123 | 2 | 0.4 | 166 | 1.00 | 12 | 10.4 | 2 | 10.0 | | | 1 | 1124 | 204.0 | 0.19 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3088 | 0 | 0.51 | 1.8 | 2.04 | 6 | 5.2 | 8.1 | 17 | 17.26 | 475 | 1.45 | 1.37 | 1.7 | 75 | 86 |
| 105G_1987_3089 | 0 | 0.62 | 1.0 | 1.16 | 5 | 8.6 | 12.7 | 29 | 30.31 | 590 | 1.73 | 1.72 | 2.3 | 70 | 78 |
| 105G_1987_3090 | 0 | 0.51 | 2.6 | 2.70 | 13 | 9.5 | 14.3 | 33 | 30.33 | 525 | 2.25 | 2.24 | 3.3 | 55 | 55 |
| 105G_1987_3091 | 0 | 2.54 | 6.2 | 6.54 | 10 | 8.2 | 13.8 | 40 | 41.46 | 460 | 1.53 | 1.83 | 2.2 | 75 | 82 |
| 105G_1987_3092 | 0 | 1.36 | 1.8 | 1.69 | 6 | 8.5 | 11.2 | 25 | 24.34 | 440 | 1.73 | 1.88 | 2.2 | 45 | 40 |
| 105G_1987_3093 | 0 | 0.53 | 0.7 | 0.90 | 12 | 9.4 | 13.3 | 24 | 23.43 | 500 | 2.49 | 2.11 | 3.3 | 65 | 58 |
| 105G_1987_3094 | 0 | 1.34 | 1.8 | 1.98 | 10 | 11.1 | 23.6 | 38 | 38.60 | 485 | 2.43 | 2.11 | 4.8 | 55 | 72 |
| 105G_1987_3095 | 0 | 3.18 | 0.5 | 0.66 | <2 | 1.5 | 4.3 | 11 | 12.15 | 80 | 1.03 | 0.94 | 0.5 | 90 | 93 |
| 105G_1987_3096 | 0 | 0.96 | 1.0 | 1.03 | 20 | 17.5 | 122.1 | 25 | 25.46 | 415 | 2.42 | 2.59 | 3.6 | 115 | 85 |
| 105G_1987_3097 | 0 | 0.87 | 1.4 | 1.60 | 18 | 17.1 | 92.6 | 23 | 23.13 | 345 | 2.70 | 2.89 | 4.5 | 170 | 319 |
| 105G_1987_3098 | 0 | 0.78 | 0.9 | 1.16 | 13 | 15.1 | 40.3 | 33 | 34.60 | 375 | 2.76 | 2.94 | 4.2 | 65 | 92 |
| 105G_1987_3099 | 0 | 2.26 | 0.4 | 0.47 | <2 | 1.1 | 4.8 | 12 | 12.07 | 130 | 0.23 | 0.15 | 0.9 | 75 | 60 |
| 105G_1987_3100 | 0 | 1.25 | 0.3 | 0.32 | <2 | 1.4 | 3.2 | 15 | 14.24 | 270 | 0.35 | 0.27 | 1.1 | 50 | 37 |
| 105G_1987_3102 | 0 | 1.15 | 1.0 | 1.34 | 17 | 13.6 | 30.6 | 28 | 29.73 | 330 | 3.03 | 2.91 | 3.4 | 120 | 119 |
| 105G_1987_3103 | 1 | 1.01 | 1.4 | 1.52 | 9 | 9.3 | 15.7 | 27 | 27.73 | 500 | 2.02 | 2.00 | 2.2 | 155 | 108 |
| 105G_1987_3104 | 2 | 1.00 | 1.2 | 1.28 | 7 | 8.5 | 15.6 | 27 | 26.98 | 470 | 1.98 | 2.00 | 2.2 | 140 | 101 |
| 105G_1987_3105 | 0 | 1.00 | 1.4 | 1.75 | 5 | 10.0 | 19.0 | 31 | 34.88 | 600 | 2.07 | 2.19 | 2.6 | 130 | 127 |
| 105G_1987_3106 | 0 | 0.66 | 1.9 | 1.87 | 10 | 8.9 | 15.6 | 40 | 38.82 | 530 | 2.07 | 2.02 | 2.5 | 170 | 152 |
| 105G_1987_3107 | 0 | 0.89 | 3.5 | 3.92 | 8 | 10.0 | 19.2 | 33 | 33.66 | 400 | 2.79 | 2.60 | 2.5 | 210 | 193 |
| 105G_1987_3108 | 0 | 1.65 | 3.1 | 3.31 | 4 | 6.2 | 14.7 | 24 | 23.96 | 535 | 1.80 | 1.75 | 2.2 | 225 | 189 |
| 105G_1987_3109 | 0 | 0.59 | 1.2 | 1.26 | 9 | 8.3 | 12.6 | 23 | 23.85 | 475 | 1.68 | 1.61 | 2.1 | 115 | 88 |
| 105G_1987_3110 | 0 | 1.42 | 2.7 | 2.92 | 13 | 11.6 | 10.8 | 18 | 17.66 | 510 | 4.19 | 3.77 | 2.0 | 125 | 105 |
| 105G_1987_3111 | 0 | 1.05 | 1.2 | 1.42 | 7 | 6.8 | 11.3 | 26 | 25.15 | 435 | 2.07 | 1.70 | 1.9 | 130 | 115 |
| 105G_1987_3112 | 0 | 0.79 | 1.5 | 1.71 | 9 | 6.6 | 9.6 | 20 | 18.82 | 580 | 1.88 | 1.66 | 1.6 | 145 | 121 |
| 105G_1987_3113 | 0 | 0.79 | 1.5 | 1.56 | 8 | 7.4 | 13.1 | 33 | 31.36 | 430 | 2.22 | 1.73 | 2.4 | 160 | 172 |
| 105G_1987_3114 | 0 | 0.84 | 1.4 | 1.43 | 12 | 10.1 | 13.7 | 40 | 37.58 | 605 | 1.93 | 1.90 | 2.3 | 95 | 100 |
| 105G_1987_3115 | 0 | 1.27 | 0.4 | 0.57 | 14 | 10.5 | 12.3 | 31 | 28.39 | 460 | 2.63 | 2.31 | 2.5 | 45 | 57 |
| 105G_1987_3116 | 0 | 0.85 | 0.3 | 0.51 | 5 | 7.0 | 13.2 | 15 | 13.30 | 550 | 1.87 | 1.77 | 2.5 | 35 | 42 |
| 105G_1987_3117 | 0 | 0.88 | 0.3 | 0.62 | 8 | 7.4 | 12.2 | 17 | 15.40 | 515 | 1.86 | 1.82 | 2.2 | 35 | 32 |
| 105G_1987_3118 | 0 | 0.94 | 1.2 | 1.37 | 9 | 9.0 | 14.9 | 23 | 21.85 | 500 | 2.28 | 2.34 | 2.6 | 75 | 76 |
| 105G_1987_3120 | 0 | 0.36 | 0.7 | 0.82 | 10 | 11.3 | 18.9 | 25 | 22.19 | 600 | 2.52 | 2.37 | 3.8 | 30 | 33 |
| 105G_1987_3122 | 1 | 0.91 | 0.7 | 0.69 | 10 | 9.0 | 14.9 | 22 | 19.81 | 620 | 2.44 | 2.10 | 3.1 | 55 | 43 |
| 105G_1987_3123 | 2 | 0.79 | 0.6 | 0.63 | 10 | 8.0 | 13.7 | 21 | 16.55 | 590 | 2.28 | 1.89 | 3.0 | 45 | 39 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|-------|--------|-----|--------|--------|--------|-------|--------|--------|--------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_3088 | 0 | 0.08 | 15.1 | 5.6 | 0.26 | 378 | 477 | <2 | 1.34 | 0.005 | 25 | 22.6 | 0.108 | 20 | 20.64 | |
| 105G_1987_3089 | 0 | 0.10 | 20.3 | 7.8 | 0.50 | 252 | 304 | <2 | 1.14 | 0.007 | 33 | 31.7 | 0.093 | 46 | 45.62 | |
| 105G_1987_3090 | 0 | 0.14 | 28.8 | 6.8 | 0.52 | 144 | 189 | <2 | 1.18 | 0.008 | 41 | 34.4 | 0.083 | 17 | 17.77 | |
| 105G_1987_3091 | 0 | 0.09 | 12.5 | 21.4 | 1.40 | 542 | 629 | <2 | 1.99 | 0.010 | 35 | 32.0 | 0.113 | 112 | 110.50 | |
| 105G_1987_3092 | 0 | 0.08 | 14.1 | 9.0 | 1.01 | 281 | 327 | <2 | 1.62 | 0.006 | 35 | 28.7 | 0.076 | 25 | 23.74 | |
| 105G_1987_3093 | 0 | 0.09 | 13.9 | 11.0 | 0.48 | 124 | 147 | <2 | 1.73 | 0.014 | 28 | 23.7 | 0.088 | 19 | 20.03 | |
| 105G_1987_3094 | 0 | 0.16 | 14.7 | 19.0 | 0.75 | 459 | 505 | <2 | 1.04 | 0.065 | 42 | 39.0 | 0.096 | 19 | 18.54 | |
| 105G_1987_3095 | 0 | 0.03 | 0.8 | 82.0 | 0.38 | 1980 | 1663 | 2 | 1.04 | 0.019 | 7 | 5.4 | 0.122 | 3 | 2.15 | |
| 105G_1987_3096 | 0 | 0.10 | 13.6 | 12.2 | 1.69 | 529 | 670 | <2 | 1.60 | 0.017 | 152 | 151.4 | 0.120 | 12 | 10.82 | |
| 105G_1987_3097 | 0 | 0.11 | 11.8 | 11.6 | 1.52 | 731 | 984 | <2 | 0.52 | 0.015 | 118 | 119.0 | 0.096 | 10 | 10.57 | |
| 105G_1987_3098 | 0 | 0.15 | 16.0 | 10.4 | 0.88 | 1940 | 1871 | 2 | 1.15 | 0.013 | 64 | 62.2 | 0.117 | 15 | 12.96 | |
| 105G_1987_3099 | 0 | 0.02 | 2.1 | 69.6 | 0.45 | 216 | 252 | 2 | 0.62 | 0.021 | 13 | 9.9 | 0.095 | 2 | 1.02 | |
| 105G_1987_3100 | 0 | 0.02 | 2.0 | 37.4 | 0.17 | 63 | 72 | 2 | 1.08 | 0.042 | 14 | 10.6 | 0.045 | 3 | 1.35 | |
| 105G_1987_3102 | 0 | 0.17 | 13.2 | 18.4 | 0.70 | 8600 | 6349 | <2 | 1.40 | 0.013 | 52 | 54.2 | 0.110 | 12 | 13.00 | |
| 105G_1987_3103 | 1 | 0.11 | 13.9 | 6.0 | 0.68 | 802 | 1146 | 2 | 2.12 | 0.009 | 33 | 32.0 | 0.133 | 11 | 11.25 | |
| 105G_1987_3104 | 2 | 0.11 | 13.8 | 5.0 | 0.67 | 796 | 1043 | <2 | 2.17 | 0.008 | 32 | 31.1 | 0.141 | 11 | 10.86 | |
| 105G_1987_3105 | 0 | 0.15 | 15.6 | 6.0 | 0.68 | 955 | 1345 | 2 | 2.67 | 0.013 | 38 | 36.6 | 0.133 | 12 | 12.65 | |
| 105G_1987_3106 | 0 | 0.12 | 15.7 | 8.2 | 0.44 | 491 | 594 | 2 | 2.12 | 0.009 | 38 | 35.3 | 0.159 | 14 | 13.76 | |
| 105G_1987_3107 | 0 | 0.12 | 14.2 | 13.6 | 0.42 | 2700 | 2400 | 2 | 2.31 | 0.008 | 42 | 42.2 | 0.135 | 10 | 11.57 | |
| 105G_1987_3108 | 0 | 0.13 | 10.7 | 22.0 | 0.40 | 462 | 542 | <2 | 1.62 | 0.011 | 26 | 24.5 | 0.154 | 11 | 11.86 | |
| 105G_1987_3109 | 0 | 0.08 | 15.2 | 6.8 | 0.37 | 849 | 1126 | <2 | 1.41 | 0.006 | 26 | 25.1 | 0.124 | 11 | 11.38 | |
| 105G_1987_3110 | 0 | 0.13 | 8.9 | 22.4 | 0.45 | 11900 | >10000 | 3 | 2.81 | 0.008 | 33 | 31.2 | 0.173 | 10 | 9.47 | |
| 105G_1987_3111 | 0 | 0.06 | 9.5 | 19.2 | 0.38 | 1780 | 1343 | 2 | 2.00 | 0.007 | 28 | 23.6 | 0.120 | 9 | 9.32 | |
| 105G_1987_3112 | 0 | 0.09 | 9.2 | 10.2 | 0.32 | 797 | 981 | 3 | 3.37 | 0.006 | 26 | 22.1 | 0.134 | 10 | 10.61 | |
| 105G_1987_3113 | 0 | 0.06 | 10.8 | 13.2 | 0.31 | 743 | 900 | 4 | 4.10 | 0.007 | 25 | 22.2 | 0.110 | 10 | 11.74 | |
| 105G_1987_3114 | 0 | 0.09 | 13.5 | 8.0 | 0.45 | 409 | 516 | 3 | 2.59 | 0.006 | 38 | 34.7 | 0.117 | 16 | 17.89 | |
| 105G_1987_3115 | 0 | 0.06 | 10.4 | 16.8 | 0.58 | 360 | 397 | <2 | 1.00 | 0.009 | 29 | 24.8 | 0.069 | 15 | 15.61 | |
| 105G_1987_3116 | 0 | 0.14 | 19.0 | 1.4 | 0.58 | 221 | 296 | <2 | 1.14 | 0.016 | 20 | 18.2 | 0.135 | 11 | 13.23 | |
| 105G_1987_3117 | 0 | 0.09 | 17.1 | 2.4 | 0.64 | 258 | 338 | 2 | 1.47 | 0.010 | 22 | 19.3 | 0.114 | 12 | 14.87 | |
| 105G_1987_3118 | 0 | 0.09 | 14.3 | 10.0 | 0.53 | 1066 | 1374 | <2 | 1.37 | 0.010 | 29 | 26.4 | 0.120 | 13 | 15.14 | |
| 105G_1987_3120 | 0 | 0.12 | 23.5 | 3.4 | 0.51 | 220 | 321 | 2 | 1.14 | 0.009 | 31 | 25.1 | 0.109 | 12 | 12.51 | |
| 105G_1987_3122 | 1 | 0.08 | 13.0 | 12.4 | 0.48 | 345 | 376 | <2 | 0.57 | 0.015 | 22 | 21.3 | 0.090 | 10 | 13.71 | |
| 105G_1987_3123 | 2 | 0.08 | 13.5 | 11.0 | 0.45 | 297 | 303 | <2 | 0.53 | 0.013 | 22 | 19.7 | 0.098 | 15 | 11.75 | |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|----------|------------|------------|------------|------------|------------|---------|------------|------------|------------|----------|------------|------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3088 | 0 | 0.10 | 0.7 | 1.01 | 1.5 | 1.8 | 1 | 37.3 | 0.02 | 3.8 | 0.004 | 0.19 | 1.6 | 3.7 |
| 105G_1987_3089 | 0 | 0.13 | 0.6 | 0.84 | 2.1 | 1.2 | 2 | 40.2 | 0.02 | 4.6 | 0.005 | 0.13 | 1.4 | 4.1 |
| 105G_1987_3090 | 0 | 0.09 | 0.9 | 0.82 | 2.0 | 1.1 | 2 | 37.6 | 0.02 | 6.3 | 0.004 | 0.14 | 1.6 | 4.6 |
| 105G_1987_3091 | 0 | 0.14 | 1.5 | 2.15 | 2.4 | 3.0 | 10 | 31.5 | 0.04 | 1.7 | 0.006 | 0.22 | 2.2 | 4.4 |
| 105G_1987_3092 | 0 | 0.07 | 1.1 | 1.25 | 1.7 | 1.8 | 6 | 25.6 | 0.03 | 3.5 | 0.004 | 0.11 | 1.3 | 3.5 |
| 105G_1987_3093 | 0 | 0.15 | 0.6 | 0.91 | 2.2 | 1.5 | 3 | 84.2 | <0.02 | 4.6 | 0.010 | 0.17 | 3.2 | 5.4 |
| 105G_1987_3094 | 0 | 0.20 | 1.2 | 2.19 | 4.0 | 5.2 | 4 | 87.4 | 0.02 | 4.4 | 0.039 | 0.22 | 3.7 | 5.6 |
| 105G_1987_3095 | 0 | 1.07 | <0.2 | 0.37 | 0.5 | 6.7 | 6 | 189.6 | <0.02 | 0.1 | 0.003 | 0.07 | 3.4 | 3.1 |
| 105G_1987_3096 | 0 | 0.09 | 0.7 | 1.12 | 4.3 | 1.6 | 4 | 50.7 | <0.02 | 3.4 | 0.036 | 0.15 | 1.4 | 2.9 |
| 105G_1987_3097 | 0 | 0.12 | 0.4 | 0.55 | 4.8 | 2.8 | 2 | 40.5 | <0.02 | 3.3 | 0.046 | 0.15 | 0.8 | 2.0 |
| 105G_1987_3098 | 0 | 0.09 | 0.7 | 0.87 | 4.7 | 1.2 | 2 | 40.9 | <0.02 | 4.0 | 0.018 | 0.12 | 0.9 | 3.0 |
| 105G_1987_3099 | 0 | 0.69 | <0.2 | 0.28 | 0.7 | 1.3 | 2 | 110.0 | <0.02 | 0.1 | 0.008 | 0.04 | 2.1 | 2.6 |
| 105G_1987_3100 | 0 | 0.61 | <0.2 | 0.48 | 0.5 | 0.9 | <1 | 52.5 | <0.02 | 0.1 | 0.012 | 0.03 | 0.8 | 2.0 |
| 105G_1987_3102 | 0 | 0.18 | 0.4 | 0.76 | 3.1 | 2.6 | 4 | 63.9 | 0.05 | 3.4 | 0.009 | 0.14 | 1.8 | 3.5 |
| 105G_1987_3103 | 1 | 0.13 | 0.9 | 1.29 | 2.3 | 1.9 | 5 | 55.7 | 0.02 | 3.4 | 0.009 | 0.12 | 1.1 | 3.7 |
| 105G_1987_3104 | 2 | 0.14 | 1.0 | 1.33 | 2.2 | 1.7 | 2 | 55.4 | 0.02 | 3.5 | 0.009 | 0.11 | 1.2 | 3.5 |
| 105G_1987_3105 | 0 | 0.13 | 1.1 | 1.37 | 2.6 | 2.1 | 5 | 52.0 | 0.03 | 4.7 | 0.010 | 0.15 | 1.4 | 3.2 |
| 105G_1987_3106 | 0 | 0.09 | 1.1 | 1.67 | 2.5 | 1.5 | 9 | 49.9 | 0.04 | 3.4 | 0.008 | 0.15 | 1.9 | 3.5 |
| 105G_1987_3107 | 0 | 0.09 | 0.8 | 1.12 | 2.8 | 2.4 | 3 | 60.1 | 0.03 | 2.9 | 0.006 | 0.27 | 1.2 | 3.5 |
| 105G_1987_3108 | 0 | 0.16 | 0.5 | 1.00 | 2.9 | 4.5 | 3 | 85.8 | 0.04 | 2.2 | 0.004 | 0.20 | 1.3 | 3.0 |
| 105G_1987_3109 | 0 | 0.06 | 0.6 | 0.88 | 2.3 | 1.5 | 4 | 45.0 | <0.02 | 3.3 | 0.004 | 0.11 | 1.5 | 3.5 |
| 105G_1987_3110 | 0 | 0.15 | 0.2 | 0.85 | 1.9 | 4.0 | 5 | 94.6 | 0.02 | 1.8 | 0.003 | 0.17 | 1.1 | 2.8 |
| 105G_1987_3111 | 0 | 0.26 | 0.4 | 0.85 | 2.2 | 4.8 | 4 | 63.4 | 0.02 | 2.0 | 0.003 | 0.13 | 3.4 | 5.5 |
| 105G_1987_3112 | 0 | 0.10 | 0.9 | 1.54 | 1.7 | 2.2 | 2 | 57.9 | 0.05 | 2.1 | 0.003 | 0.15 | 2.0 | 4.7 |
| 105G_1987_3113 | 0 | 0.05 | 1.8 | 2.23 | 2.3 | 2.1 | 2 | 52.7 | 0.06 | 2.2 | 0.003 | 0.14 | 2.9 | 5.5 |
| 105G_1987_3114 | 0 | 0.06 | 1.7 | 2.19 | 2.4 | 1.7 | 2 | 48.2 | 0.04 | 4.0 | 0.005 | 0.13 | 2.3 | 4.6 |
| 105G_1987_3115 | 0 | 0.10 | 0.6 | 1.00 | 3.2 | 1.1 | 4 | 55.4 | <0.02 | 4.3 | 0.004 | 0.07 | 1.2 | 3.3 |
| 105G_1987_3116 | 0 | 0.03 | 0.7 | 0.91 | 2.0 | 0.4 | 5 | 42.4 | 0.04 | 5.4 | 0.010 | 0.10 | 1.2 | 2.9 |
| 105G_1987_3117 | 0 | 0.02 | 0.8 | 1.06 | 2.0 | 0.6 | 3 | 35.5 | <0.02 | 5.2 | 0.011 | 0.12 | 1.4 | 3.3 |
| 105G_1987_3118 | 0 | 0.06 | 0.7 | 1.07 | 2.5 | 2.0 | 3 | 48.3 | <0.02 | 3.8 | 0.009 | 0.14 | 1.5 | 3.6 |
| 105G_1987_3120 | 0 | 0.01 | 0.9 | 1.11 | 2.3 | 0.6 | 9 | 38.9 | 0.02 | 6.2 | 0.020 | 0.16 | 1.5 | 4.5 |
| 105G_1987_3122 | 1 | 0.09 | 1.0 | 0.97 | 3.0 | 1.7 | 9 | 47.9 | <0.02 | 3.9 | 0.014 | 0.14 | 1.2 | 3.2 |
| 105G_1987_3123 | 2 | 0.10 | 0.9 | 0.87 | 2.6 | 1.1 | 8 | 44.3 | <0.02 | 3.8 | 0.013 | 0.13 | 1.1 | 3.4 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3088 | 0 | 17 | 26 | 2 | 0.3 | 223 | 210.8 |
| 105G_1987_3089 | 0 | 14 | 20 | 4 | 1.1 | 269 | 243.3 |
| 105G_1987_3090 | 0 | 16 | 21 | 2 | 0.1 | 272 | 225.2 |
| 105G_1987_3091 | 0 | 17 | 21 | 2 | 0.2 | 450 | 405.3 |
| 105G_1987_3092 | 0 | 18 | 20 | 2 | 0.3 | 205 | 178.0 |
| 105G_1987_3093 | 0 | 33 | 40 | 2 | 1.2 | 145 | 125.8 |
| 105G_1987_3094 | 0 | 47 | 54 | 2 | 0.5 | 180 | 155.4 |
| 105G_1987_3095 | 0 | 7 | 6 | 2 | 0.1 | 143 | 133.9 |
| 105G_1987_3096 | 0 | 32 | 46 | 8 | 2.2 | 140 | 121.1 |
| 105G_1987_3097 | 0 | 43 | 54 | 2 | 0.2 | 145 | 130.2 |
| 105G_1987_3098 | 0 | 43 | 51 | 2 | 0.3 | 148 | 129.8 |
| 105G_1987_3099 | 0 | 6 | 5 | 2 | <0.1 | 107 | 101.8 |
| 105G_1987_3100 | 0 | 9 | 8 | 2 | <0.1 | 37 | 33.8 |
| 105G_1987_3102 | 0 | 30 | 39 | 2 | 0.2 | 183 | 160.0 |
| 105G_1987_3103 | 1 | 25 | 31 | 2 | 0.6 | 171 | 144.2 |
| 105G_1987_3104 | 2 | 22 | 31 | 2 | 0.7 | 165 | 135.1 |
| 105G_1987_3105 | 0 | 28 | 39 | 2 | 0.1 | 161 | 153.5 |
| 105G_1987_3106 | 0 | 23 | 35 | 2 | 0.3 | 205 | 182.1 |
| 105G_1987_3107 | 0 | 25 | 36 | 2 | 0.1 | 226 | 199.6 |
| 105G_1987_3108 | 0 | 16 | 28 | 2 | <0.1 | 248 | 221.3 |
| 105G_1987_3109 | 0 | 20 | 30 | 2 | <0.1 | 144 | 125.7 |
| 105G_1987_3110 | 0 | 20 | 27 | 2 | <0.1 | 289 | 229.9 |
| 105G_1987_3111 | 0 | 16 | 22 | 2 | <0.1 | 181 | 159.2 |
| 105G_1987_3112 | 0 | 27 | 37 | 2 | <0.1 | 185 | 169.1 |
| 105G_1987_3113 | 0 | 40 | 45 | 2 | <0.1 | 137 | 136.3 |
| 105G_1987_3114 | 0 | 38 | 38 | 2 | <0.1 | 238 | 218.3 |
| 105G_1987_3115 | 0 | 19 | 20 | 2 | <0.1 | 100 | 96.0 |
| 105G_1987_3116 | 0 | 29 | 26 | 2 | 0.5 | 105 | 107.0 |
| 105G_1987_3117 | 0 | 26 | 26 | 2 | 0.2 | 88 | 91.3 |
| 105G_1987_3118 | 0 | 31 | 31 | 2 | 0.2 | 173 | 154.5 |
| 105G_1987_3120 | 0 | 33 | 30 | 4 | 0.4 | 114 | 110.7 |
| 105G_1987_3122 | 1 | 26 | 31 | 2 | 0.1 | 117 | 118.7 |
| 105G_1987_3123 | 2 | 26 | 30 | 2 | <0.1 | 116 | 107.8 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3124 | 0 | 0.4 | 349 | 0.84 | 12 | 10.0 | <1 | 10.0 | | | 2 | 2846 | 403.8 | 0.19 |
| 105G_1987_3125 | 0 | 0.4 | 302 | 1.00 | 11 | 11.3 | 2 | 10.0 | | | 2 | 1848 | 456.1 | 0.20 |
| 105G_1987_3126 | 0 | 0.4 | 322 | 0.84 | 14 | 16.5 | 17 | 10.0 | 6 | 10.0 | <1 | 1869 | 518.4 | 0.24 |
| 105G_1987_3127 | 0 | 0.4 | 339 | 0.69 | 9 | 8.0 | 2 | 10.0 | | | 4 | 1701 | 319.5 | 0.15 |
| 105G_1987_3128 | 0 | 0.3 | 338 | 0.74 | 6 | 6.3 | 4 | 10.0 | | | 2 | 2121 | 316.8 | 0.17 |
| 105G_1987_3129 | 0 | 0.3 | 268 | 0.67 | 7 | 7.5 | 2 | 10.0 | | | 1 | 1418 | 221.0 | 0.16 |
| 105G_1987_3130 | 0 | 0.4 | 360 | 0.70 | 4 | 2.5 | 5 | 10.0 | 7 | 7.5 | 5 | 1297 | 237.4 | 0.13 |
| 105G_1987_3131 | 0 | 0.4 | 249 | 0.46 | 9 | 7.9 | <1 | 10.0 | | | 4 | 1712 | 344.2 | 0.11 |
| 105G_1987_3133 | 0 | 0.3 | 250 | 0.66 | 7 | 6.2 | 1 | 10.0 | | | 3 | 1302 | 307.1 | 0.12 |
| 105G_1987_3134 | 0 | 0.2 | 167 | 0.50 | 9 | 7.8 | <1 | 10.0 | | | 2 | 1323 | 331.8 | 0.10 |
| 105G_1987_3135 | 0 | 4.3 | 5099 | 1.42 | 4 | 3.0 | 6 | 10.0 | 4 | 2.5 | 3 | 2415 | 1686.0 | 0.17 |
| 105G_1987_3136 | 0 | 0.8 | 584 | 0.93 | 5 | 5.3 | 3 | 10.0 | | | 1 | 568 | 859.0 | 0.20 |
| 105G_1987_3137 | 0 | 0.9 | 818 | 0.51 | 5 | 7.4 | 3 | 10.0 | | | <1 | 4316 | 1317.4 | 0.19 |
| 105G_1987_3138 | 0 | 0.3 | 173 | 0.42 | 4 | 3.8 | <1 | 10.0 | | | <1 | 1255 | 225.0 | 0.08 |
| 105G_1987_3139 | 0 | 0.6 | 429 | 0.80 | 6 | 6.3 | 2 | 10.0 | | | <1 | 3518 | 510.6 | 0.19 |
| 105G_1987_3140 | 0 | <0.2 | 36 | 1.04 | <1 | 1.1 | 42 | 10.0 | <1 | 10.0 | <1 | 965 | 235.8 | 0.12 |
| 105G_1987_3143 | 0 | 0.6 | 507 | 0.74 | 11 | 10.6 | <1 | 10.0 | | | 1 | 5859 | 1322.0 | 0.17 |
| 105G_1987_3144 | 0 | <0.2 | 183 | 0.56 | 8 | 6.9 | 2 | 10.0 | | | 1 | 2993 | 800.2 | 0.12 |
| 105G_1987_3145 | 0 | 0.5 | 476 | 0.86 | 4 | 3.5 | 3 | 10.0 | | | 1 | 3276 | 451.5 | 0.17 |
| 105G_1987_3146 | 1 | <0.2 | 151 | 0.89 | 2 | 1.7 | <1 | 10.0 | | | 1 | 1103 | 435.6 | 0.10 |
| 105G_1987_3147 | 2 | 0.2 | 135 | 0.86 | 2 | 1.7 | 4 | 10.0 | | | 2 | 1197 | 414.0 | 0.11 |
| 105G_1987_3148 | 0 | 0.3 | 178 | 0.96 | 2 | 1.6 | <1 | 10.0 | | | 2 | 1449 | 530.8 | 0.12 |
| 105G_1987_3149 | 0 | 0.3 | 171 | 0.79 | 4 | 3.7 | 4 | 10.0 | | | 2 | 1271 | 465.9 | 0.10 |
| 105G_1987_3150 | 0 | <0.2 | 52 | 0.52 | 1 | 1.3 | <1 | 10.0 | | | 5 | 830 | 451.1 | 0.04 |
| 105G_1987_3151 | 0 | <0.2 | 176 | 0.85 | 3 | 3.1 | <1 | 10.0 | | | 3 | 942 | 338.0 | 0.10 |
| 105G_1987_3152 | 0 | 0.2 | 101 | 0.67 | 12 | 12.2 | <1 | 10.0 | | | 1 | 1082 | 282.8 | 0.10 |
| 105G_1987_3153 | 0 | <0.2 | 78 | 0.72 | 7 | 5.8 | <1 | 10.0 | | | <1 | 1033 | 333.9 | 0.10 |
| 105G_1987_3154 | 0 | <0.2 | 107 | 0.77 | 3 | 4.5 | <1 | 10.0 | | | 2 | 889 | 336.0 | 0.07 |
| 105G_1987_3155 | 0 | <0.2 | 118 | 0.98 | 2 | 2.3 | <1 | 10.0 | | | 3 | 978 | 386.4 | 0.12 |
| 105G_1987_3156 | 0 | <0.2 | 124 | 0.86 | 4 | 4.5 | <1 | 10.0 | | | 1 | 1359 | 204.3 | 0.14 |
| 105G_1987_3157 | 0 | 0.2 | 120 | 0.83 | 6 | 9.0 | 2 | 10.0 | | | 2 | 1159 | 376.6 | 0.14 |
| 105G_1987_3158 | 0 | <0.2 | 69 | 0.59 | 6 | 5.4 | <1 | 10.0 | | | 2 | 791 | 333.2 | 0.10 |
| 105G_1987_3159 | 0 | 0.2 | 249 | 1.41 | 13 | 13.1 | <1 | 10.0 | | | 2 | 949 | 507.3 | 0.19 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3124 | 0 | 0.62 | 3.6 | 3.02 | 10 | 7.9 | 11.0 | 30 | 25.15 | 685 | 2.34 | 1.91 | 2.1 | 105 | 88 |
| 105G_1987_3125 | 0 | 0.77 | 2.2 | 1.82 | 15 | 12.6 | 15.1 | 32 | 27.17 | 610 | 2.69 | 2.43 | 2.8 | 125 | 109 |
| 105G_1987_3126 | 0 | 1.27 | 2.3 | 1.95 | 13 | 10.6 | 14.9 | 49 | 40.59 | 695 | 1.88 | 2.06 | 2.3 | 130 | 109 |
| 105G_1987_3127 | 0 | 1.70 | 2.2 | 2.00 | 13 | 11.1 | 11.0 | 39 | 32.67 | 525 | 2.59 | 2.49 | 1.7 | 105 | 83 |
| 105G_1987_3128 | 0 | 1.05 | 1.4 | 1.27 | 8 | 6.4 | 11.5 | 35 | 30.45 | 485 | 1.78 | 1.44 | 1.9 | 100 | 104 |
| 105G_1987_3129 | 0 | 0.82 | 1.1 | 1.04 | 6 | 5.5 | 10.0 | 28 | 23.55 | 660 | 1.80 | 1.40 | 1.9 | 95 | 91 |
| 105G_1987_3130 | 0 | 1.14 | 7.1 | 5.23 | 7 | 6.2 | 12.0 | 88 | 73.92 | 590 | 1.58 | 1.37 | 2.0 | 165 | 132 |
| 105G_1987_3131 | 0 | 2.85 | 1.2 | 1.08 | 6 | 5.4 | 9.2 | 27 | 26.14 | 705 | 1.27 | 1.55 | 1.4 | 70 | 58 |
| 105G_1987_3133 | 0 | 1.00 | 3.3 | 2.59 | 8 | 7.0 | 11.6 | 28 | 23.02 | 545 | 1.51 | 1.48 | 1.7 | 95 | 81 |
| 105G_1987_3134 | 0 | 1.31 | 2.0 | 1.73 | 8 | 6.7 | 10.0 | 24 | 21.60 | 710 | 1.32 | 1.39 | 1.5 | 75 | 73 |
| 105G_1987_3135 | 0 | 1.65 | 2.0 | 1.90 | 5 | 5.3 | 16.7 | 69 | 63.27 | 345 | 1.88 | 1.86 | 2.7 | 345 | 358 |
| 105G_1987_3136 | 0 | 0.39 | 1.8 | 1.64 | 10 | 8.8 | 16.7 | 42 | 38.33 | 455 | 2.39 | 2.30 | 2.4 | 195 | 153 |
| 105G_1987_3137 | 0 | 0.43 | 3.6 | 3.09 | 8 | 6.9 | 9.0 | 42 | 39.44 | 810 | 1.76 | 1.76 | 1.2 | 170 | 151 |
| 105G_1987_3138 | 0 | 8.87 | 3.1 | 2.09 | 5 | 5.2 | 8.4 | 18 | 16.07 | 390 | 0.75 | 0.89 | 0.8 | 125 | 113 |
| 105G_1987_3139 | 0 | 0.19 | 1.4 | 1.31 | 11 | 10.2 | 14.6 | 39 | 38.14 | 730 | 1.96 | 1.97 | 2.2 | 125 | 97 |
| 105G_1987_3140 | 0 | 3.85 | <0.2 | 0.25 | 8 | 7.7 | 23.4 | 17 | 13.53 | 650 | 1.13 | 1.71 | 2.6 | 40 | 41 |
| 105G_1987_3143 | 0 | 0.68 | 2.3 | 1.92 | 10 | 9.4 | 13.0 | 40 | 36.75 | 1070 | 1.92 | 2.01 | 1.8 | 165 | 143 |
| 105G_1987_3144 | 0 | 2.37 | 1.0 | 0.71 | 8 | 7.2 | 10.8 | 23 | 18.51 | 650 | 1.41 | 1.72 | 1.4 | 95 | 93 |
| 105G_1987_3145 | 0 | 0.49 | 3.3 | 2.86 | 11 | 9.1 | 14.9 | 66 | 56.88 | 660 | 2.08 | 1.77 | 2.1 | 270 | 203 |
| 105G_1987_3146 | 1 | 0.56 | 0.8 | 0.73 | 8 | 7.1 | 28.1 | 18 | 15.83 | 420 | 1.73 | 1.48 | 2.3 | 75 | 69 |
| 105G_1987_3147 | 2 | 0.54 | 0.8 | 0.72 | 8 | 6.8 | 27.1 | 19 | 15.59 | 385 | 1.75 | 1.45 | 2.3 | 90 | 64 |
| 105G_1987_3148 | 0 | 0.46 | 0.8 | 0.74 | 6 | 5.6 | 26.8 | 19 | 17.14 | 490 | 1.66 | 1.35 | 2.9 | 85 | 86 |
| 105G_1987_3149 | 0 | 0.95 | 1.0 | 0.90 | 8 | 8.0 | 31.0 | 21 | 18.35 | 435 | 2.53 | 2.18 | 2.1 | 115 | 80 |
| 105G_1987_3150 | 0 | 1.80 | 1.0 | 0.93 | 2 | 1.4 | 17.6 | 10 | 8.60 | 290 | 0.75 | 0.74 | 1.2 | 90 | 64 |
| 105G_1987_3151 | 0 | 1.07 | 6.1 | 5.05 | 6 | 6.0 | 23.9 | 13 | 12.15 | 460 | 1.39 | 1.34 | 2.0 | 145 | 105 |
| 105G_1987_3152 | 0 | 1.87 | 1.1 | 0.88 | 6 | 5.7 | 22.3 | 15 | 12.52 | 600 | 1.67 | 2.06 | 1.8 | 55 | 51 |
| 105G_1987_3153 | 0 | 1.76 | 1.1 | 0.79 | 7 | 6.2 | 24.3 | 12 | 10.14 | 500 | 1.37 | 1.71 | 2.0 | 50 | 54 |
| 105G_1987_3154 | 0 | 1.26 | 2.4 | 2.17 | 3 | 3.0 | 27.5 | 10 | 8.55 | 400 | 1.49 | 1.36 | 1.8 | 100 | 93 |
| 105G_1987_3155 | 0 | 1.34 | 1.1 | 0.96 | 5 | 5.5 | 29.6 | 15 | 13.86 | 375 | 1.53 | 1.38 | 2.6 | 95 | 68 |
| 105G_1987_3156 | 0 | 0.72 | 0.8 | 0.67 | 10 | 8.5 | 23.6 | 25 | 23.39 | 510 | 1.96 | 1.89 | 2.5 | 65 | 48 |
| 105G_1987_3157 | 0 | 1.89 | 0.7 | 0.69 | 7 | 6.6 | 23.7 | 17 | 15.99 | 460 | 1.75 | 2.02 | 2.2 | 105 | 92 |
| 105G_1987_3158 | 0 | 2.57 | 0.5 | 0.44 | 6 | 6.1 | 30.9 | 14 | 13.58 | 410 | 1.30 | 1.92 | 2.1 | 40 | 24 |
| 105G_1987_3159 | 0 | 1.41 | 1.3 | 1.11 | 6 | 5.7 | 27.1 | 30 | 28.71 | 340 | 2.03 | 1.84 | 3.1 | 125 | 92 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3124 | 0 | 0.07 | 15.4 | 10.2 | 0.37 | 356 | 391 | 2 | 2.23 | 0.007 | 34 | 29.6 | 0.095 | 23 | 18.85 |
| 105G_1987_3125 | 0 | 0.11 | 14.9 | 12.8 | 0.42 | 2060 | 1816 | <2 | 1.84 | 0.008 | 37 | 33.6 | 0.131 | 18 | 17.10 |
| 105G_1987_3126 | 0 | 0.11 | 14.3 | 9.2 | 0.56 | 428 | 491 | 3 | 3.72 | 0.008 | 43 | 38.7 | 0.133 | 14 | 18.72 |
| 105G_1987_3127 | 0 | 0.07 | 7.3 | 26.4 | 0.45 | 782 | 793 | 2 | 2.24 | 0.005 | 63 | 58.0 | 0.101 | 15 | 12.49 |
| 105G_1987_3128 | 0 | 0.07 | 10.6 | 20.8 | 0.36 | 144 | 139 | <2 | 0.96 | 0.008 | 29 | 27.4 | 0.097 | 15 | 13.13 |
| 105G_1987_3129 | 0 | 0.09 | 13.2 | 13.8 | 0.29 | 155 | 149 | <2 | 2.07 | 0.009 | 22 | 21.4 | 0.104 | 15 | 13.49 |
| 105G_1987_3130 | 0 | 0.10 | 9.9 | 19.7 | 0.42 | 217 | 211 | <2 | 1.07 | 0.007 | 35 | 33.1 | 0.113 | 12 | 10.61 |
| 105G_1987_3131 | 0 | 0.09 | 9.6 | 4.6 | 1.45 | 252 | 296 | 5 | 4.94 | 0.006 | 25 | 23.4 | 0.170 | 14 | 11.56 |
| 105G_1987_3133 | 0 | 0.08 | 13.2 | 9.8 | 0.46 | 714 | 763 | 3 | 3.12 | 0.006 | 57 | 50.2 | 0.107 | 14 | 10.78 |
| 105G_1987_3134 | 0 | 0.08 | 12.1 | 4.4 | 0.67 | 406 | 465 | 2 | 2.73 | 0.004 | 27 | 27.5 | 0.131 | 12 | 9.91 |
| 105G_1987_3135 | 0 | 0.12 | 11.4 | 47.4 | 0.35 | 287 | 305 | 3 | 3.56 | 0.012 | 44 | 45.9 | 0.283 | 11 | 8.83 |
| 105G_1987_3136 | 0 | 0.10 | 12.3 | 6.4 | 0.39 | 227 | 296 | 2 | 2.54 | 0.004 | 40 | 38.5 | 0.123 | 16 | 15.69 |
| 105G_1987_3137 | 0 | 0.09 | 10.1 | 4.0 | 0.13 | 268 | 363 | 4 | 6.34 | 0.006 | 47 | 44.2 | 0.173 | 15 | 14.73 |
| 105G_1987_3138 | 0 | 0.05 | 4.3 | 6.9 | 4.92 | 176 | 253 | 2 | 0.66 | 0.008 | 34 | 37.6 | 0.060 | 14 | 10.51 |
| 105G_1987_3139 | 0 | 0.07 | 6.8 | 5.2 | 0.29 | 232 | 315 | 3 | 3.35 | 0.005 | 39 | 38.1 | 0.091 | 17 | 15.94 |
| 105G_1987_3140 | 0 | 0.05 | 8.3 | 9.4 | 2.62 | 107 | 125 | <2 | 0.32 | 0.007 | 21 | 21.2 | 0.070 | 19 | 13.89 |
| 105G_1987_3143 | 0 | 0.10 | 17.4 | 7.2 | 0.44 | 182 | 226 | 12 | 13.42 | 0.004 | 66 | 63.5 | 0.128 | 19 | 16.30 |
| 105G_1987_3144 | 0 | 0.08 | 12.5 | 6.8 | 1.46 | 183 | 203 | 6 | 5.85 | 0.005 | 35 | 30.4 | 0.103 | 16 | 12.27 |
| 105G_1987_3145 | 0 | 0.09 | 4.8 | 11.4 | 0.41 | 128 | 138 | <2 | 1.55 | 0.005 | 74 | 64.3 | 0.116 | 19 | 15.57 |
| 105G_1987_3146 | 1 | 0.08 | 12.5 | 8.0 | 0.41 | 209 | 233 | <2 | 0.37 | 0.010 | 23 | 22.5 | 0.084 | 9 | 7.25 |
| 105G_1987_3147 | 2 | 0.06 | 11.5 | 8.4 | 0.41 | 205 | 222 | <2 | 0.34 | 0.007 | 34 | 21.3 | 0.092 | 10 | 7.05 |
| 105G_1987_3148 | 0 | 0.07 | 11.9 | 8.4 | 0.41 | 125 | 146 | <2 | 0.37 | 0.009 | 22 | 22.0 | 0.092 | 10 | 8.97 |
| 105G_1987_3149 | 0 | 0.07 | 10.0 | 18.0 | 0.44 | 473 | 477 | <2 | 0.58 | 0.008 | 24 | 23.8 | 0.121 | 8 | 6.94 |
| 105G_1987_3150 | 0 | 0.03 | 3.4 | 51.4 | 0.32 | 168 | 187 | <2 | 1.62 | 0.013 | 9 | 6.8 | 0.096 | 6 | 2.87 |
| 105G_1987_3151 | 0 | 0.07 | 11.6 | 20.0 | 0.43 | 645 | 651 | <2 | 0.77 | 0.009 | 25 | 25.1 | 0.120 | 9 | 6.57 |
| 105G_1987_3152 | 0 | 0.06 | 11.3 | 10.0 | 1.14 | 167 | 193 | <2 | 0.90 | 0.007 | 21 | 21.1 | 0.117 | 12 | 7.63 |
| 105G_1987_3153 | 0 | 0.05 | 9.4 | 12.0 | 1.01 | 915 | 1002 | <2 | 0.79 | 0.009 | 21 | 18.8 | 0.093 | 11 | 7.22 |
| 105G_1987_3154 | 0 | 0.04 | 8.6 | 23.8 | 0.35 | 101 | 104 | <2 | 0.36 | 0.010 | 14 | 13.4 | 0.133 | 7 | 4.88 |
| 105G_1987_3155 | 0 | 0.07 | 10.7 | 22.2 | 0.51 | 169 | 193 | <2 | 0.27 | 0.011 | 16 | 18.1 | 0.125 | 11 | 8.82 |
| 105G_1987_3156 | 0 | 0.06 | 15.7 | 2.8 | 0.69 | 208 | 241 | <2 | 1.04 | 0.006 | 30 | 30.5 | 0.087 | 15 | 11.92 |
| 105G_1987_3157 | 0 | 0.07 | 12.5 | 8.8 | 1.14 | 164 | 185 | <2 | 1.70 | 0.008 | 26 | 25.5 | 0.099 | 15 | 10.98 |
| 105G_1987_3158 | 0 | 0.06 | 13.2 | 3.6 | 1.59 | 326 | 386 | <2 | 0.75 | 0.011 | 21 | 22.9 | 0.089 | 11 | 6.99 |
| 105G_1987_3159 | 0 | 0.08 | 15.5 | 27.4 | 0.47 | 332 | 340 | <2 | 0.91 | 0.010 | 23 | 22.7 | 0.175 | 10 | 9.15 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_3124 | 0 | 0.08 | 1.7 | 1.95 | 2.1 | 1.4 | <1 | 48.6 | 0.03 | 3.8 | 0.003 | 0.15 | 3.3 | 5.7 | |
| 105G_1987_3125 | 0 | 0.10 | 1.5 | 1.32 | 2.6 | 1.5 | <1 | 51.9 | 0.04 | 4.3 | 0.004 | 0.17 | 2.5 | 5.1 | |
| 105G_1987_3126 | 0 | 0.08 | 2.7 | 2.65 | 2.6 | 3.0 | 6 | 63.4 | 0.03 | 4.3 | 0.006 | 0.17 | 1.8 | 4.5 | |
| 105G_1987_3127 | 0 | 0.30 | 1.8 | 2.37 | 2.3 | 8.4 | 5 | 59.5 | 0.03 | 2.9 | 0.002 | 0.15 | 3.4 | 5.7 | |
| 105G_1987_3128 | 0 | 0.21 | 1.4 | 1.50 | 2.4 | 2.6 | 7 | 43.3 | 0.02 | 3.5 | 0.004 | 0.14 | 3.0 | 5.4 | |
| 105G_1987_3129 | 0 | 0.10 | 2.0 | 1.68 | 1.9 | 2.1 | 6 | 33.3 | 0.05 | 3.5 | 0.004 | 0.11 | 2.2 | 4.8 | |
| 105G_1987_3130 | 0 | 0.27 | 1.6 | 1.88 | 2.3 | 4.9 | 5 | 50.0 | 0.03 | 2.9 | 0.003 | 0.20 | 2.7 | 5.1 | |
| 105G_1987_3131 | 0 | 0.17 | 2.1 | 2.00 | 2.0 | 1.6 | 7 | 113.5 | 0.03 | 3.6 | 0.003 | 0.11 | 1.9 | 4.7 | |
| 105G_1987_3133 | 0 | 0.01 | 2.1 | 1.90 | 1.9 | 1.2 | 4 | 46.9 | 0.02 | 3.5 | 0.004 | 0.16 | 2.8 | 5.1 | |
| 105G_1987_3134 | 0 | 0.04 | 1.9 | 1.66 | 2.0 | 1.1 | 3 | 51.2 | 0.05 | 3.3 | 0.004 | 0.12 | 1.4 | 3.4 | |
| 105G_1987_3135 | 0 | 0.22 | 1.4 | 2.24 | 2.7 | 6.9 | 5 | 123.1 | 0.04 | 1.1 | 0.005 | 0.24 | 3.5 | 5.0 | |
| 105G_1987_3136 | 0 | 0.04 | 1.6 | 1.19 | 3.4 | 3.2 | 3 | 41.8 | 0.06 | 3.8 | 0.002 | 0.22 | 1.7 | 4.8 | |
| 105G_1987_3137 | 0 | 0.01 | 3.7 | 2.97 | 2.3 | 2.7 | 3 | 52.9 | 0.03 | 2.2 | 0.002 | 0.29 | 2.9 | 6.3 | |
| 105G_1987_3138 | 0 | <0.01 | 1.3 | 1.34 | 1.6 | 1.3 | 17 | 47.0 | <0.02 | 1.1 | 0.003 | 0.17 | 0.7 | 2.4 | |
| 105G_1987_3139 | 0 | <0.01 | 2.3 | 1.68 | 1.9 | 1.7 | 1 | 53.5 | 0.04 | 1.5 | 0.004 | 0.21 | 1.4 | 4.5 | |
| 105G_1987_3140 | 0 | 0.02 | 0.4 | 0.37 | 2.6 | 0.6 | 11 | 27.0 | <0.02 | 3.7 | 0.004 | 0.09 | 1.0 | 3.1 | |
| 105G_1987_3143 | 0 | 0.05 | 5.2 | 3.94 | 2.9 | 1.9 | 1 | 30.5 | 0.06 | 2.3 | 0.004 | 0.37 | 3.2 | 8.9 | |
| 105G_1987_3144 | 0 | 0.04 | 2.6 | 2.11 | 2.5 | 1.5 | 7 | 28.2 | 0.03 | 2.2 | 0.003 | 0.24 | 1.4 | 5.2 | |
| 105G_1987_3145 | 0 | 0.11 | 2.2 | 1.93 | 1.9 | 2.4 | <1 | 54.3 | 0.05 | 1.8 | 0.004 | 0.22 | 3.0 | 5.9 | |
| 105G_1987_3146 | 1 | 0.11 | 0.3 | 0.36 | 2.6 | 2.4 | 3 | 27.4 | 0.02 | 2.9 | 0.019 | 0.08 | 0.9 | 2.2 | |
| 105G_1987_3147 | 2 | 0.09 | 0.4 | 0.35 | 2.3 | 2.3 | <1 | 25.8 | <0.02 | 2.5 | 0.018 | 0.08 | 0.9 | 2.7 | |
| 105G_1987_3148 | 0 | 0.07 | 0.4 | 0.37 | 2.5 | 2.6 | <1 | 24.2 | <0.02 | 2.4 | 0.012 | 0.13 | 1.9 | 4.0 | |
| 105G_1987_3149 | 0 | 0.10 | 0.4 | 0.51 | 2.2 | 3.3 | 3 | 38.0 | 0.02 | 1.6 | 0.018 | 0.07 | 1.6 | 3.6 | |
| 105G_1987_3150 | 0 | 0.79 | 0.2 | 0.24 | 0.9 | 4.7 | <1 | 71.8 | <0.02 | 0.5 | 0.010 | 0.08 | 3.8 | 4.7 | |
| 105G_1987_3151 | 0 | 0.09 | 0.4 | 0.57 | 1.4 | 1.8 | 3 | 22.6 | <0.02 | 0.9 | 0.015 | 0.36 | 2.9 | 4.5 | |
| 105G_1987_3152 | 0 | 0.05 | 0.7 | 0.80 | 1.8 | 2.1 | 5 | 29.2 | <0.02 | 2.0 | 0.011 | 0.10 | 1.0 | 3.1 | |
| 105G_1987_3153 | 0 | 0.06 | 0.5 | 0.50 | 1.7 | 1.8 | 5 | 27.8 | <0.02 | 1.4 | 0.014 | 0.08 | 0.8 | 2.7 | |
| 105G_1987_3154 | 0 | 0.16 | 0.5 | 0.32 | 1.5 | 3.3 | 3 | 29.8 | <0.02 | 1.2 | 0.010 | 0.32 | 1.2 | 2.4 | |
| 105G_1987_3155 | 0 | 0.22 | 0.2 | 0.23 | 2.2 | 4.2 | 9 | 49.7 | <0.02 | 1.9 | 0.012 | 0.10 | 1.0 | 3.0 | |
| 105G_1987_3156 | 0 | 0.01 | 0.9 | 0.94 | 1.8 | 0.7 | 7 | 23.9 | <0.02 | 4.0 | 0.017 | 0.09 | 0.7 | 3.0 | |
| 105G_1987_3157 | 0 | 0.04 | 0.7 | 0.76 | 2.2 | 1.5 | 8 | 25.3 | 0.04 | 2.2 | 0.012 | 0.19 | 0.9 | 3.2 | |
| 105G_1987_3158 | 0 | 0.03 | 0.4 | 0.71 | 1.8 | 0.8 | 14 | 32.0 | <0.02 | 2.5 | 0.034 | 0.05 | 0.7 | 2.9 | |
| 105G_1987_3159 | 0 | 0.15 | 0.5 | 0.80 | 1.7 | 1.9 | 8 | 32.9 | <0.02 | 0.9 | 0.012 | 0.10 | 4.3 | 5.8 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3124 | 0 | 22 | 28 | 2 | <0.1 | 471 | 412.5 |
| 105G_1987_3125 | 0 | 31 | 43 | 2 | <0.1 | 268 | 256.6 |
| 105G_1987_3126 | 0 | 35 | 47 | 2 | 0.1 | 258 | 241.4 |
| 105G_1987_3127 | 0 | 23 | 27 | 2 | <0.1 | 282 | 249.0 |
| 105G_1987_3128 | 0 | 25 | 28 | 2 | <0.1 | 159 | 149.1 |
| 105G_1987_3129 | 0 | 24 | 31 | 2 | <0.1 | 146 | 135.0 |
| 105G_1987_3130 | 0 | 20 | 25 | 2 | <0.1 | 207 | 201.6 |
| 105G_1987_3131 | 0 | 29 | 40 | 2 | <0.1 | 140 | 140.0 |
| 105G_1987_3133 | 0 | 22 | 39 | 2 | 0.1 | 456 | 410.2 |
| 105G_1987_3134 | 0 | 21 | 35 | 2 | <0.1 | 218 | 228.9 |
| 105G_1987_3135 | 0 | 17 | 24 | 2 | <0.1 | 195 | 192.5 |
| 105G_1987_3136 | 0 | 18 | 28 | 2 | <0.1 | 202 | 206.0 |
| 105G_1987_3137 | 0 | 26 | 35 | 2 | <0.1 | 298 | 305.0 |
| 105G_1987_3138 | 0 | 12 | 13 | 2 | <0.1 | 258 | 252.1 |
| 105G_1987_3139 | 0 | 20 | 28 | 2 | <0.1 | 237 | 245.3 |
| 105G_1987_3140 | 0 | 13 | 14 | 2 | <0.1 | 76 | 73.5 |
| 105G_1987_3143 | 0 | 25 | 44 | 2 | <0.1 | 401 | 375.3 |
| 105G_1987_3144 | 0 | 16 | 21 | 2 | <0.1 | 169 | 152.4 |
| 105G_1987_3145 | 0 | 16 | 24 | 2 | <0.1 | 493 | 438.2 |
| 105G_1987_3146 | 1 | 15 | 20 | 2 | 0.4 | 105 | 106.4 |
| 105G_1987_3147 | 2 | 13 | 22 | 2 | <0.1 | 99 | 90.0 |
| 105G_1987_3148 | 0 | 15 | 25 | 2 | <0.1 | 115 | 115.2 |
| 105G_1987_3149 | 0 | 16 | 23 | 2 | 0.1 | 154 | 141.1 |
| 105G_1987_3150 | 0 | 9 | 11 | 2 | 0.1 | 45 | 44.2 |
| 105G_1987_3151 | 0 | 12 | 20 | 2 | <0.1 | 232 | 206.8 |
| 105G_1987_3152 | 0 | 15 | 21 | 2 | 0.1 | 117 | 106.1 |
| 105G_1987_3153 | 0 | 14 | 21 | 2 | <0.1 | 100 | 91.4 |
| 105G_1987_3154 | 0 | 11 | 17 | 2 | <0.1 | 161 | 149.3 |
| 105G_1987_3155 | 0 | 15 | 20 | 2 | 0.7 | 120 | 116.9 |
| 105G_1987_3156 | 0 | 19 | 27 | 2 | <0.1 | 139 | 131.7 |
| 105G_1987_3157 | 0 | 18 | 26 | 2 | <0.1 | 139 | 131.6 |
| 105G_1987_3158 | 0 | 20 | 36 | 2 | 0.4 | 68 | 69.2 |
| 105G_1987_3159 | 0 | 21 | 25 | 2 | 0.1 | 114 | 106.4 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3160 | 0 | <0.2 | 75 | 1.04 | 3 | 2.6 | <1 | 10.0 | | | 4 | 1235 | 309.2 | 0.20 |
| 105G_1987_3162 | 0 | 0.3 | 368 | 0.88 | 2 | 2.3 | <1 | 10.0 | | | <1 | 1843 | 594.8 | 0.13 |
| 105G_1987_3163 | 0 | <0.2 | 216 | 0.64 | 4 | 4.4 | <1 | 10.0 | | | <1 | 2166 | 497.7 | 0.13 |
| 105G_1987_3164 | 0 | <0.2 | 122 | 0.92 | 4 | 4.0 | <1 | 10.0 | | | <1 | 2418 | 719.8 | 0.12 |
| 105G_1987_3165 | 1 | <0.2 | 90 | 1.64 | 2 | 2.3 | <1 | 10.0 | | | <1 | 934 | 187.4 | 0.16 |
| 105G_1987_3166 | 2 | <0.2 | 87 | 1.59 | 2 | 2.3 | <1 | 10.0 | | | 2 | 858 | 168.3 | 0.15 |
| 105G_1987_3167 | 0 | <0.2 | 311 | 0.68 | 6 | 5.8 | <1 | 10.0 | | | 6 | 1891 | 418.1 | 0.10 |
| 105G_1987_3168 | 0 | 0.4 | 478 | 1.03 | 6 | 5.7 | <1 | 10.0 | | | 2 | 2888 | 1577.9 | 0.19 |
| 105G_1987_3169 | 0 | 0.4 | 551 | 1.40 | 7 | 6.6 | <1 | 10.0 | | | 1 | 1501 | 571.4 | 0.29 |
| 105G_1987_3170 | 0 | 0.5 | 496 | 0.99 | 19 | 18.3 | <1 | 10.0 | | | 2 | 2670 | 1483.9 | 0.16 |
| 105G_1987_3171 | 0 | 0.5 | 688 | 1.05 | 15 | 15.2 | 5 | 10.0 | 10 | 10.0 | 1 | 1473 | 542.2 | 0.22 |
| 105G_1987_3172 | 0 | <0.2 | 38 | 2.39 | <1 | 1.7 | <1 | 10.0 | | | 6 | 684 | 172.3 | 0.09 |
| 105G_1987_3173 | 0 | 0.4 | 391 | 0.91 | 8 | 7.5 | 1 | 10.0 | | | 3 | 2840 | 1597.9 | 0.14 |
| 105G_1987_3174 | 0 | <0.2 | 49 | 1.40 | 2 | 2.7 | <1 | 10.0 | | | 2 | 789 | 184.3 | 0.15 |
| 105G_1987_3175 | 0 | 0.4 | 466 | 0.73 | 5 | 5.2 | 2 | 10.0 | | | 3 | 1950 | 821.7 | 0.18 |
| 105G_1987_3176 | 0 | <0.2 | 47 | 1.65 | 1 | 1.1 | <1 | 10.0 | | | 2 | 646 | 138.4 | 0.14 |
| 105G_1987_3177 | 0 | <0.2 | 39 | 2.18 | 1 | 1.6 | <1 | 10.0 | | | <1 | 516 | 134.0 | 0.12 |
| 105G_1987_3179 | 0 | 0.4 | 440 | 0.66 | 7 | 7.1 | <1 | 10.0 | | | 2 | 10160 | 3066.3 | 0.13 |
| 105G_1987_3180 | 0 | <0.2 | 44 | 1.96 | 2 | 2.2 | <1 | 10.0 | | | <1 | 611 | 159.6 | 0.13 |
| 105G_1987_3182 | 1 | <0.2 | 54 | 1.77 | 1 | 1.9 | <1 | 10.0 | | | <1 | 741 | 119.3 | 0.15 |
| 105G_1987_3183 | 2 | <0.2 | 48 | 1.85 | 1 | 1.6 | <1 | 10.0 | | | 3 | 709 | 112.8 | 0.15 |
| 105G_1987_3185 | 0 | <0.2 | 137 | 1.43 | 4 | 4.5 | 4 | 7.5 | | | 2 | 1860 | 799.4 | 0.12 |
| 105G_1987_3186 | 0 | 1.3 | 1109 | 0.93 | 8 | 5.2 | 5 | 10.0 | 9 | 10.0 | 4 | 2000 | 958.2 | 0.27 |
| 105G_1987_3187 | 0 | 0.7 | 703 | 0.84 | 7 | 5.7 | 5 | 10.0 | 8 | 7.5 | 3 | 2550 | 1104.0 | 0.21 |
| 105G_1987_3188 | 0 | <0.2 | 109 | 0.53 | 2 | 1.5 | <1 | 10.0 | | | 2 | 3110 | 1389.0 | 0.09 |
| 105G_1987_3189 | 0 | <0.2 | 173 | 0.98 | 13 | 14.0 | <1 | 10.0 | | | 1 | 1553 | 344.1 | 0.11 |
| 105G_1987_3190 | 0 | <0.2 | 150 | 0.92 | 7 | 6.5 | <1 | 10.0 | | | 2 | 3444 | 1184.6 | 0.13 |
| 105G_1987_3191 | 0 | <0.2 | 78 | 0.82 | 3 | 2.7 | <1 | 10.0 | | | 2 | 1066 | 291.2 | 0.09 |
| 105G_1987_3192 | 0 | 0.8 | 945 | 0.91 | 3 | 2.2 | <1 | 10.0 | | | 3 | 2788 | 460.7 | 0.14 |
| 105G_1987_3193 | 0 | <0.2 | 78 | 0.93 | 7 | 6.4 | <1 | 10.0 | | | 2 | 1394 | 440.6 | 0.09 |
| 105G_1987_3194 | 0 | <0.2 | 74 | 0.91 | 16 | 18.0 | <1 | 10.0 | | | 4 | 761 | 243.5 | 0.15 |
| 105G_1987_3195 | 0 | <0.2 | 104 | 0.97 | 16 | 13.4 | <1 | 10.0 | | | 1 | 1343 | 293.6 | 0.18 |
| 105G_1987_3196 | 0 | <0.2 | 118 | 0.99 | 16 | 12.7 | <1 | 10.0 | | | 2 | 1507 | 345.9 | 0.20 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3160 | 0 | 0.95 | 0.9 | 0.91 | 6 | 5.3 | 26.1 | 20 | 17.68 | 330 | 1.88 | 1.69 | 3.2 | 65 | 54 |
| 105G_1987_3162 | 0 | 0.60 | 2.3 | 1.95 | 7 | 7.3 | 18.4 | 33 | 30.51 | 495 | 2.19 | 1.69 | 2.0 | 255 | 205 |
| 105G_1987_3163 | 0 | 0.38 | 1.1 | 1.06 | 8 | 8.0 | 15.0 | 26 | 24.75 | 590 | 1.87 | 1.74 | 1.8 | 125 | 82 |
| 105G_1987_3164 | 0 | 3.32 | 0.6 | 0.58 | 10 | 9.3 | 24.3 | 24 | 21.69 | 590 | 1.77 | 2.16 | 2.6 | 45 | 61 |
| 105G_1987_3165 | 1 | 0.88 | 0.2 | 0.37 | 16 | 15.6 | 56.2 | 27 | 25.74 | 775 | 2.73 | 3.10 | 4.5 | 65 | 39 |
| 105G_1987_3166 | 2 | 1.02 | <0.2 | 0.31 | 15 | 15.0 | 53.2 | 25 | 24.84 | 780 | 2.74 | 3.02 | 4.3 | 60 | 39 |
| 105G_1987_3167 | 0 | 2.38 | 2.0 | 1.69 | 4 | 3.8 | 22.6 | 29 | 26.65 | 710 | 0.88 | 1.18 | 1.4 | 705 | 605 |
| 105G_1987_3168 | 0 | 0.42 | 1.3 | 1.27 | 10 | 9.7 | 20.9 | 33 | 31.46 | 470 | 2.49 | 2.43 | 2.9 | 125 | 101 |
| 105G_1987_3169 | 0 | 0.31 | 1.2 | 1.08 | 11 | 10.7 | 28.7 | 42 | 39.90 | 465 | 2.49 | 2.35 | 3.6 | 125 | 103 |
| 105G_1987_3170 | 0 | 0.38 | 5.2 | 4.39 | 14 | 13.9 | 17.6 | 26 | 24.14 | 435 | 3.65 | 4.05 | 2.6 | 165 | 147 |
| 105G_1987_3171 | 0 | 0.36 | 4.1 | 3.31 | 16 | 15.2 | 22.9 | 69 | 66.33 | 700 | 2.99 | 2.91 | 2.8 | 295 | 229 |
| 105G_1987_3172 | 0 | 2.31 | <0.2 | 0.21 | 27 | 27.0 | 61.5 | 30 | 28.99 | 950 | 2.15 | 6.32 | 9.4 | 30 | 28 |
| 105G_1987_3173 | 0 | 2.19 | 3.8 | 3.49 | 13 | 12.8 | 44.8 | 39 | 36.26 | 560 | 2.23 | 2.40 | 2.9 | 160 | 146 |
| 105G_1987_3174 | 0 | 3.43 | 0.2 | 0.31 | 16 | 16.1 | 43.1 | 25 | 22.97 | 850 | 2.69 | 3.10 | 4.1 | 35 | 33 |
| 105G_1987_3175 | 0 | 0.67 | 2.9 | 2.46 | 9 | 8.9 | 18.7 | 41 | 40.28 | 660 | 1.89 | 1.78 | 1.9 | 115 | 128 |
| 105G_1987_3176 | 0 | 1.95 | <0.2 | 0.16 | 19 | 17.1 | 71.9 | 35 | 31.16 | 610 | 2.76 | 3.23 | 5.1 | 40 | 40 |
| 105G_1987_3177 | 0 | 1.00 | <0.2 | 0.15 | 28 | 27.7 | 145.1 | 38 | 39.54 | 600 | 4.06 | 4.77 | 7.3 | 35 | 58 |
| 105G_1987_3179 | 0 | 0.86 | 5.1 | 4.25 | 11 | 10.1 | 21.4 | 29 | 26.99 | 675 | 2.01 | 2.09 | 1.9 | 155 | 157 |
| 105G_1987_3180 | 0 | 1.58 | <0.2 | 0.24 | 25 | 23.7 | 117.9 | 40 | 36.33 | 720 | 3.84 | 4.26 | 6.4 | 40 | 48 |
| 105G_1987_3182 | 1 | 0.65 | <0.2 | 0.17 | 13 | 12.0 | 64.7 | 26 | 22.60 | 600 | 2.97 | 3.13 | 5.1 | 30 | 26 |
| 105G_1987_3183 | 2 | 0.68 | <0.2 | 0.19 | 13 | 12.1 | 58.7 | 24 | 21.58 | 650 | 3.14 | 3.12 | 5.3 | 35 | 32 |
| 105G_1987_3185 | 0 | 2.11 | 1.2 | 1.12 | 16 | 14.7 | 42.9 | 27 | 23.87 | 855 | 2.83 | 3.19 | 4.3 | 75 | 71 |
| 105G_1987_3186 | 0 | 0.42 | 2.2 | 1.87 | 14 | 12.4 | 17.7 | 60 | 53.20 | 380 | 2.89 | 2.75 | 2.5 | 335 | 257 |
| 105G_1987_3187 | 0 | 0.45 | 2.5 | 2.18 | 12 | 11.3 | 18.2 | 43 | 41.34 | 485 | 2.60 | 2.50 | 2.3 | 205 | 155 |
| 105G_1987_3188 | 0 | 4.86 | 0.4 | 0.37 | 2 | 2.3 | 14.8 | 11 | 9.42 | 450 | 0.99 | 1.36 | 1.4 | 70 | 62 |
| 105G_1987_3189 | 0 | 0.70 | 1.0 | 0.97 | 8 | 7.8 | 24.4 | 16 | 14.97 | 595 | 2.89 | 2.43 | 2.8 | 60 | 62 |
| 105G_1987_3190 | 0 | 1.77 | 1.3 | 1.06 | 14 | 13.3 | 29.0 | 28 | 24.66 | 495 | 2.23 | 2.56 | 2.7 | 70 | 68 |
| 105G_1987_3191 | 0 | 0.65 | 0.7 | 0.62 | 7 | 6.3 | 22.1 | 14 | 12.43 | 405 | 1.56 | 1.23 | 2.3 | 45 | 36 |
| 105G_1987_3192 | 0 | 0.68 | 3.8 | 3.12 | 8 | 7.3 | 17.9 | 47 | 45.86 | 515 | 2.06 | 1.57 | 2.2 | 385 | 455 |
| 105G_1987_3193 | 0 | 4.69 | 0.6 | 0.52 | 12 | 12.7 | 34.2 | 17 | 16.04 | 635 | 1.93 | 2.62 | 3.1 | 70 | 92 |
| 105G_1987_3194 | 0 | 1.30 | 0.7 | 0.73 | 7 | 6.6 | 22.0 | 12 | 10.37 | 365 | 1.77 | 1.60 | 2.2 | 65 | 65 |
| 105G_1987_3195 | 0 | 4.02 | 0.4 | 0.45 | 12 | 11.5 | 24.6 | 23 | 23.01 | 620 | 1.75 | 2.35 | 3.0 | 30 | 30 |
| 105G_1987_3196 | 0 | 2.74 | 0.4 | 0.54 | 12 | 10.7 | 25.2 | 25 | 21.05 | 720 | 2.10 | 2.40 | 2.8 | 30 | 39 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb | |
|----------------|----------|--------|--------|------|--------|------|--------|-----|--------|--------|--------|-------|--------|--------|-------|--------|
| | | ICP-MS | ICP-MS | GRAV | ICP-MS | AAS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | AAS | ICP-MS |
| | | % | ppm | pct | % | ppm | ppm | ppm | ppm | % | ppm | ppm | % | ppm | ppm | |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 | |
| 105G_1987_3160 | 0 | 0.08 | 8.4 | 21.4 | 0.45 | 177 | 190 | <2 | 1.44 | 0.010 | 22 | 22.2 | 0.104 | 12 | 10.74 | |
| 105G_1987_3162 | 0 | 0.08 | 8.0 | 13.4 | 0.37 | 242 | 257 | <2 | 0.66 | 0.006 | 39 | 36.7 | 0.107 | 13 | 10.92 | |
| 105G_1987_3163 | 0 | 0.06 | 9.2 | 4.2 | 0.38 | 166 | 205 | <2 | 1.64 | 0.004 | 35 | 33.9 | 0.097 | 12 | 10.73 | |
| 105G_1987_3164 | 0 | 0.07 | 9.2 | 3.7 | 1.68 | 289 | 330 | <2 | 2.21 | 0.005 | 32 | 32.4 | 0.104 | 15 | 12.69 | |
| 105G_1987_3165 | 1 | 0.08 | 15.2 | 9.2 | 1.43 | 264 | 341 | <2 | 0.68 | 0.006 | 42 | 41.5 | 0.114 | 17 | 15.92 | |
| 105G_1987_3166 | 2 | 0.07 | 14.2 | 9.6 | 1.46 | 262 | 343 | <2 | 0.71 | 0.006 | 41 | 39.3 | 0.115 | 18 | 15.49 | |
| 105G_1987_3167 | 0 | 0.12 | 21.1 | 20.0 | 1.06 | 70 | 81 | 5 | 6.13 | 0.023 | 47 | 43.6 | 0.164 | 13 | 11.35 | |
| 105G_1987_3168 | 0 | 0.09 | 10.4 | 4.2 | 0.54 | 393 | 476 | 2 | 3.58 | 0.006 | 37 | 36.1 | 0.088 | 15 | 13.18 | |
| 105G_1987_3169 | 0 | 0.10 | 13.2 | 8.4 | 0.60 | 215 | 264 | <2 | 3.36 | 0.007 | 36 | 34.1 | 0.083 | 22 | 20.39 | |
| 105G_1987_3170 | 0 | 0.11 | 10.5 | 9.8 | 0.32 | 3140 | 3470 | 7 | 8.46 | 0.009 | 48 | 44.6 | 0.191 | 15 | 12.06 | |
| 105G_1987_3171 | 0 | 0.09 | 5.7 | 5.8 | 0.53 | 591 | 765 | 14 | 15.90 | 0.006 | 65 | 65.8 | 0.109 | 22 | 20.12 | |
| 105G_1987_3172 | 0 | 0.21 | 25.5 | 4.1 | 2.23 | 780 | 1046 | <2 | 0.71 | 0.015 | 45 | 46.5 | 0.271 | 13 | 10.20 | |
| 105G_1987_3173 | 0 | 0.10 | 10.4 | 5.0 | 1.73 | 521 | 573 | 5 | 6.04 | 0.008 | 63 | 61.4 | 0.119 | 17 | 14.03 | |
| 105G_1987_3174 | 0 | 0.08 | 24.0 | 2.8 | 2.15 | 336 | 384 | <2 | 1.46 | 0.005 | 42 | 41.4 | 0.084 | 24 | 20.58 | |
| 105G_1987_3175 | 0 | 0.11 | 14.3 | 4.6 | 0.55 | 111 | 141 | <2 | 2.79 | 0.004 | 53 | 51.3 | 0.106 | 18 | 14.90 | |
| 105G_1987_3176 | 0 | 0.06 | 18.1 | 9.2 | 1.45 | 309 | 356 | <2 | 0.41 | 0.007 | 60 | 57.7 | 0.097 | 14 | 10.14 | |
| 105G_1987_3177 | 0 | 0.08 | 30.4 | 5.0 | 2.30 | 551 | 796 | <2 | 0.99 | 0.006 | 102 | 102.8 | 0.150 | 14 | 11.84 | |
| 105G_1987_3179 | 0 | 0.13 | 13.1 | 5.4 | 0.59 | 1046 | 1243 | 2 | 4.06 | 0.005 | 50 | 48.1 | 0.143 | 15 | 12.45 | |
| 105G_1987_3180 | 0 | 0.06 | 25.1 | 5.6 | 1.93 | 637 | 769 | <2 | 1.36 | 0.007 | 87 | 86.9 | 0.130 | 15 | 12.15 | |
| 105G_1987_3182 | 1 | 0.06 | 17.4 | 10.4 | 1.27 | 141 | 169 | <2 | 0.54 | 0.006 | 49 | 45.4 | 0.102 | 16 | 12.61 | |
| 105G_1987_3183 | 2 | 0.06 | 15.6 | 11.2 | 1.34 | 163 | 211 | <2 | 0.64 | 0.006 | 48 | 43.8 | 0.097 | 15 | 12.09 | |
| 105G_1987_3185 | 0 | 0.11 | 16.2 | 6.4 | 1.96 | 535 | 608 | <2 | 1.86 | 0.009 | 52 | 46.8 | 0.110 | 18 | 12.67 | |
| 105G_1987_3186 | 0 | 0.10 | 10.5 | 8.6 | 0.41 | 437 | 509 | 4 | 7.02 | 0.005 | 52 | 47.6 | 0.083 | 23 | 19.23 | |
| 105G_1987_3187 | 0 | 0.10 | 9.7 | 4.4 | 0.44 | 430 | 548 | 2 | 4.41 | 0.005 | 49 | 47.3 | 0.081 | 18 | 15.34 | |
| 105G_1987_3188 | 0 | 0.05 | 6.0 | 11.8 | 2.59 | 672 | 839 | <2 | 2.44 | 0.007 | 14 | 12.7 | 0.062 | 15 | 10.89 | |
| 105G_1987_3189 | 0 | 0.07 | 11.4 | 12.3 | 0.63 | 117 | 135 | 2 | 2.78 | 0.005 | 29 | 27.0 | 0.123 | 14 | 11.09 | |
| 105G_1987_3190 | 0 | 0.08 | 11.7 | 5.8 | 1.43 | 453 | 538 | <2 | 1.52 | 0.005 | 41 | 39.7 | 0.107 | 16 | 13.86 | |
| 105G_1987_3191 | 0 | 0.06 | 8.7 | 9.6 | 0.51 | 86 | 98 | <2 | 1.71 | 0.008 | 23 | 19.8 | 0.078 | 8 | 6.39 | |
| 105G_1987_3192 | 0 | 0.08 | 6.3 | 14.6 | 0.35 | 213 | 227 | <2 | 0.92 | 0.007 | 51 | 51.6 | 0.119 | 16 | 12.86 | |
| 105G_1987_3193 | 0 | 0.06 | 12.0 | 4.2 | 3.07 | 484 | 564 | <2 | 2.02 | 0.008 | 37 | 39.9 | 0.112 | 15 | 11.28 | |
| 105G_1987_3194 | 0 | 0.07 | 7.0 | 40.0 | 0.44 | 329 | 344 | <2 | 1.18 | 0.014 | 16 | 15.3 | 0.073 | 9 | 7.48 | |
| 105G_1987_3195 | 0 | 0.05 | 11.5 | 2.4 | 1.74 | 345 | 392 | <2 | 1.34 | 0.011 | 32 | 32.9 | 0.088 | 15 | 12.47 | |
| 105G_1987_3196 | 0 | 0.05 | 14.6 | 2.6 | 1.67 | 318 | 351 | 2 | 1.66 | 0.011 | 34 | 33.0 | 0.089 | 17 | 12.88 | |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|----------|------------|------------|------------|------------|------------|---------|------------|------------|------------|----------|------------|------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3160 | 0 | 0.23 | 0.6 | 1.08 | 1.3 | 7.2 | 6 | 34.8 | 0.02 | 0.6 | 0.016 | 0.10 | 4.5 | 6.6 |
| 105G_1987_3162 | 0 | 0.08 | 0.7 | 0.58 | 2.2 | 3.5 | 6 | 32.8 | 0.03 | 2.2 | 0.004 | 0.19 | 2.5 | 4.7 |
| 105G_1987_3163 | 0 | 0.03 | 1.0 | 1.00 | 1.9 | 0.9 | 3 | 29.6 | 0.05 | 3.0 | 0.007 | 0.11 | 1.1 | 4.0 |
| 105G_1987_3164 | 0 | 0.06 | 1.2 | 1.03 | 2.6 | 0.7 | 10 | 77.5 | 0.03 | 3.6 | 0.005 | 0.09 | 0.8 | 3.2 |
| 105G_1987_3165 | 1 | 0.05 | 0.4 | 0.41 | 4.8 | 0.6 | 5 | 35.9 | 0.02 | 4.1 | 0.007 | 0.05 | 0.6 | 2.6 |
| 105G_1987_3166 | 2 | 0.05 | 0.4 | 0.42 | 4.5 | 0.6 | 7 | 37.6 | <0.02 | 4.1 | 0.007 | 0.05 | 0.6 | 2.4 |
| 105G_1987_3167 | 0 | 0.16 | 1.9 | 2.75 | 5.3 | 2.8 | 9 | 25.1 | <0.02 | 1.0 | 0.012 | 0.43 | 3.3 | 7.0 |
| 105G_1987_3168 | 0 | 0.06 | 1.2 | 0.86 | 2.8 | 1.7 | 4 | 30.4 | 0.05 | 2.6 | 0.004 | 0.15 | 1.1 | 3.7 |
| 105G_1987_3169 | 0 | 0.05 | 0.9 | 0.64 | 4.1 | 3.2 | 3 | 23.2 | 0.08 | 2.7 | 0.003 | 0.18 | 1.6 | 4.2 |
| 105G_1987_3170 | 0 | 0.07 | 1.0 | 0.81 | 2.8 | 3.1 | 1 | 39.7 | 0.02 | 2.0 | 0.005 | 0.24 | 1.7 | 4.8 |
| 105G_1987_3171 | 0 | 0.07 | 2.7 | 1.95 | 3.2 | 4.6 | 4 | 40.0 | 0.09 | 2.1 | 0.002 | 0.36 | 2.2 | 6.4 |
| 105G_1987_3172 | 0 | 0.09 | 0.2 | 0.15 | 3.8 | 0.4 | 5 | 119.6 | <0.02 | 4.6 | 0.430 | 0.07 | 0.8 | 2.8 |
| 105G_1987_3173 | 0 | 0.08 | 2.0 | 1.52 | 3.0 | 1.9 | 8 | 42.7 | 0.07 | 2.2 | 0.017 | 0.26 | 1.8 | 4.9 |
| 105G_1987_3174 | 0 | 0.04 | 0.7 | 0.64 | 3.2 | 0.4 | 8 | 55.3 | <0.02 | 5.2 | 0.015 | 0.13 | 0.8 | 3.0 |
| 105G_1987_3175 | 0 | 0.09 | 2.1 | 1.75 | 2.7 | 2.4 | 3 | 29.2 | 0.03 | 3.9 | 0.005 | 0.28 | 1.6 | 4.3 |
| 105G_1987_3176 | 0 | 0.05 | 0.2 | 0.19 | 4.0 | 0.6 | 6 | 52.3 | <0.02 | 4.0 | 0.037 | 0.02 | 0.4 | 2.5 |
| 105G_1987_3177 | 0 | 0.05 | 0.3 | 0.25 | 6.0 | 0.5 | 3 | 38.4 | <0.02 | 5.2 | 0.078 | 0.03 | 0.4 | 2.6 |
| 105G_1987_3179 | 0 | 0.13 | 2.0 | 1.60 | 2.9 | 1.8 | 3 | 43.7 | 0.02 | 2.5 | 0.008 | 0.24 | 2.2 | 5.5 |
| 105G_1987_3180 | 0 | 0.04 | 0.4 | 0.33 | 5.6 | 0.5 | 5 | 54.8 | 0.05 | 4.4 | 0.059 | 0.05 | 0.5 | 2.7 |
| 105G_1987_3182 | 1 | 0.07 | 0.2 | 0.26 | 4.3 | 0.8 | 3 | 30.4 | <0.02 | 2.7 | 0.017 | 0.04 | 0.6 | 3.0 |
| 105G_1987_3183 | 2 | 0.09 | 0.3 | 0.27 | 3.8 | 0.6 | 4 | 32.0 | 0.02 | 2.7 | 0.015 | 0.04 | 0.6 | 2.5 |
| 105G_1987_3185 | 0 | 0.07 | 1.1 | 0.94 | 3.6 | 0.6 | 7 | 39.8 | 0.02 | 3.2 | 0.041 | 0.14 | 0.9 | 3.2 |
| 105G_1987_3186 | 0 | 0.09 | 2.1 | 1.91 | 3.7 | 6.5 | 2 | 41.6 | 0.05 | 2.9 | 0.003 | 0.23 | 2.1 | 5.5 |
| 105G_1987_3187 | 0 | 0.06 | 2.1 | 1.62 | 3.0 | 2.6 | 2 | 37.9 | 0.04 | 2.8 | 0.004 | 0.18 | 1.1 | 3.9 |
| 105G_1987_3188 | 0 | 0.12 | 0.6 | 0.63 | 1.7 | 1.2 | 15 | 31.7 | <0.02 | 2.1 | 0.003 | 0.07 | 1.5 | 3.3 |
| 105G_1987_3189 | 0 | 0.17 | 1.2 | 1.30 | 3.0 | 1.8 | 3 | 26.6 | <0.02 | 3.3 | 0.008 | 0.20 | 2.2 | 4.8 |
| 105G_1987_3190 | 0 | 0.06 | 1.5 | 1.45 | 2.7 | 1.1 | 7 | 41.6 | 0.03 | 3.4 | 0.018 | 0.13 | 0.8 | 3.4 |
| 105G_1987_3191 | 0 | 0.16 | 0.8 | 0.92 | 1.8 | 3.9 | 2 | 22.7 | <0.02 | 3.1 | 0.015 | 0.07 | 3.4 | 5.0 |
| 105G_1987_3192 | 0 | 0.07 | 0.9 | 0.98 | 2.6 | 3.2 | 2 | 50.2 | 0.02 | 1.4 | 0.005 | 0.39 | 2.3 | 5.0 |
| 105G_1987_3193 | 0 | 0.04 | 1.2 | 1.30 | 3.3 | 0.4 | 12 | 38.0 | <0.02 | 3.2 | 0.018 | 0.14 | 1.8 | 4.2 |
| 105G_1987_3194 | 0 | 0.58 | 0.3 | 0.29 | 1.6 | 3.5 | 4 | 52.4 | <0.02 | 2.5 | 0.010 | 0.07 | 3.5 | 5.0 |
| 105G_1987_3195 | 0 | 0.07 | 1.0 | 1.19 | 2.4 | 0.5 | 8 | 93.3 | <0.02 | 4.4 | 0.016 | 0.08 | 0.8 | 3.0 |
| 105G_1987_3196 | 0 | 0.01 | 1.2 | 1.09 | 2.7 | 0.5 | 5 | 55.8 | 0.03 | 4.7 | 0.013 | 0.09 | 0.7 | 3.5 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3160 | 0 | 20 | 28 | 2 | 0.2 | 135 | 128.3 |
| 105G_1987_3162 | 0 | 15 | 21 | 2 | <0.1 | 261 | 249.4 |
| 105G_1987_3163 | 0 | 16 | 22 | 2 | <0.1 | 185 | 183.5 |
| 105G_1987_3164 | 0 | 20 | 24 | 2 | <0.1 | 129 | 118.0 |
| 105G_1987_3165 | 1 | 28 | 34 | 2 | <0.1 | 93 | 97.4 |
| 105G_1987_3166 | 2 | 27 | 33 | 2 | <0.1 | 93 | 97.3 |
| 105G_1987_3167 | 0 | 28 | 46 | 2 | 0.2 | 161 | 159.2 |
| 105G_1987_3168 | 0 | 22 | 27 | 2 | <0.1 | 178 | 164.2 |
| 105G_1987_3169 | 0 | 28 | 35 | 2 | <0.1 | 145 | 143.2 |
| 105G_1987_3170 | 0 | 26 | 33 | 2 | 0.1 | 266 | 243.6 |
| 105G_1987_3171 | 0 | 31 | 38 | 2 | <0.1 | 315 | 303.7 |
| 105G_1987_3172 | 0 | 65 | 77 | 2 | 0.2 | 98 | 95.8 |
| 105G_1987_3173 | 0 | 31 | 41 | 2 | <0.1 | 314 | 300.0 |
| 105G_1987_3174 | 0 | 31 | 31 | 2 | <0.1 | 118 | 103.8 |
| 105G_1987_3175 | 0 | 21 | 29 | 2 | 0.1 | 344 | 317.7 |
| 105G_1987_3176 | 0 | 30 | 34 | 2 | <0.1 | 80 | 77.1 |
| 105G_1987_3177 | 0 | 58 | 64 | 2 | <0.1 | 92 | 89.9 |
| 105G_1987_3179 | 0 | 26 | 40 | 2 | <0.1 | 81 | 308.8 |
| 105G_1987_3180 | 0 | 49 | 55 | 2 | <0.1 | 107 | 98.7 |
| 105G_1987_3182 | 1 | 25 | 31 | 2 | <0.1 | 127 | 109.6 |
| 105G_1987_3183 | 2 | 27 | 28 | 2 | <0.1 | 113 | 99.8 |
| 105G_1987_3185 | 0 | 37 | 36 | 2 | <0.1 | 209 | 174.9 |
| 105G_1987_3186 | 0 | 20 | 25 | 2 | <0.1 | 210 | 184.5 |
| 105G_1987_3187 | 0 | 23 | 27 | 2 | <0.1 | 224 | 211.0 |
| 105G_1987_3188 | 0 | 19 | 20 | 2 | <0.1 | 85 | 73.3 |
| 105G_1987_3189 | 0 | 20 | 25 | 2 | <0.1 | 220 | 194.1 |
| 105G_1987_3190 | 0 | 29 | 28 | 2 | 0.2 | 179 | 159.7 |
| 105G_1987_3191 | 0 | 19 | 19 | 2 | <0.1 | 102 | 92.2 |
| 105G_1987_3192 | 0 | 17 | 21 | 2 | <0.1 | 251 | 230.8 |
| 105G_1987_3193 | 0 | 32 | 29 | 2 | <0.1 | 117 | 108.7 |
| 105G_1987_3194 | 0 | 10 | 12 | 2 | <0.1 | 129 | 111.7 |
| 105G_1987_3195 | 0 | 22 | 21 | 2 | 0.3 | 102 | 92.4 |
| 105G_1987_3196 | 0 | 21 | 21 | 2 | 0.3 | 120 | 101.7 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3197 | 0 | <0.2 | 53 | 0.76 | 30 | 27.4 | 7 | 10.0 | 17 | 10.0 | 2 | 667 | 70.4 | 0.18 |
| 105G_1987_3198 | 0 | <0.2 | 85 | 1.24 | 10 | 6.9 | 3 | 10.0 | | | 1 | 877 | 74.3 | 0.19 |
| 105G_1987_3199 | 0 | <0.2 | 73 | 1.00 | 10 | 10.0 | <1 | 10.0 | | | 1 | 781 | 54.0 | 0.19 |
| 105G_1987_3200 | 0 | <0.2 | 128 | 0.93 | 14 | 12.4 | <1 | 10.0 | | | 1 | 1076 | 262.4 | 0.20 |
| 105G_1987_3202 | 1 | <0.2 | 89 | 0.78 | 9 | 8.0 | <1 | 10.0 | | | 1 | 972 | 115.5 | 0.15 |
| 105G_1987_3203 | 2 | <0.2 | 90 | 0.86 | 9 | 7.9 | <1 | 10.0 | | | 3 | 1107 | 128.7 | 0.16 |
| 105G_1987_3204 | 0 | <0.2 | 93 | 1.46 | 40 | 31.5 | <1 | 10.0 | | | 2 | 565 | 83.3 | 1.25 |
| 105G_1987_3205 | 0 | <0.2 | 71 | 1.30 | 20 | 16.9 | <1 | 10.0 | | | 1 | 611 | 60.4 | 0.89 |
| 105G_1987_3207 | 0 | <0.2 | 98 | 1.66 | 10 | 46.4 | 3 | 10.0 | | | 5 | 438 | 65.7 | 2.91 |
| 105G_1987_3208 | 0 | <0.2 | 131 | 1.52 | 40 | 38.7 | 2 | 10.0 | | | 1 | 970 | 57.0 | 0.38 |
| 105G_1987_3209 | 0 | <0.2 | 66 | 1.24 | 25 | 20.7 | <1 | 10.0 | | | <1 | 768 | 50.8 | 0.28 |
| 105G_1987_3210 | 0 | <0.2 | 101 | 1.31 | 30 | 25.8 | <1 | 10.0 | | | 1 | 778 | 53.0 | 0.24 |
| 105G_1987_3211 | 0 | <0.2 | 97 | 1.65 | 20 | 17.6 | <1 | 10.0 | | | <1 | 861 | 53.1 | 0.33 |
| 105G_1987_3212 | 0 | <0.2 | 69 | 2.48 | 40 | 32.1 | 6 | 10.0 | 2 | 10.0 | 1 | 633 | 52.5 | 0.68 |
| 105G_1987_3213 | 0 | <0.2 | 103 | 2.72 | 7 | 49.1 | <1 | 10.0 | | | 1 | 688 | 59.8 | 1.34 |
| 105G_1987_3214 | 0 | <0.2 | 77 | 3.31 | 110 | 86.9 | <1 | 10.0 | | | 3 | 383 | 47.4 | 9.10 |
| 105G_1987_3215 | 0 | 0.6 | 642 | 1.53 | 45 | 38.9 | <1 | 10.0 | | | 1 | 1869 | 833.1 | 0.95 |
| 105G_1987_3216 | 0 | <0.2 | 86 | 1.03 | 9 | 4.5 | <1 | 10.0 | | | <1 | 1260 | 218.8 | 0.30 |
| 105G_1987_3217 | 0 | <0.2 | 39 | 1.74 | 7 | 5.4 | <1 | 10.0 | | | <1 | 915 | 173.6 | 0.39 |
| 105G_1987_3218 | 0 | <0.2 | 20 | 0.99 | 2 | 1.1 | <1 | 10.0 | | | 1 | 1061 | 126.9 | 0.30 |
| 105G_1987_3219 | 0 | <0.2 | 48 | 1.86 | 1 | 1.5 | <1 | 10.0 | | | <1 | 1197 | 236.9 | 0.46 |
| 105G_1987_3220 | 0 | <0.2 | 298 | 1.54 | 5 | 4.9 | <1 | 10.0 | | | <1 | 3686 | 463.6 | 0.53 |
| 105G_1987_3222 | 1 | <0.2 | 87 | 0.69 | 1 | 0.7 | <1 | 10.0 | | | <1 | 988 | 120.6 | 1.48 |
| 105G_1987_3223 | 2 | <0.2 | 94 | 0.68 | <1 | 0.5 | <1 | 10.0 | | | <1 | 1066 | 118.2 | 1.93 |
| 105G_1987_3224 | 0 | <0.2 | 83 | 1.00 | 2 | 1.4 | <1 | 10.0 | | | 1 | 2542 | 218.0 | 0.53 |
| 105G_1987_3225 | 0 | <0.2 | 95 | 0.86 | 1 | 1.1 | <1 | 10.0 | | | 3 | 1650 | 208.0 | 0.61 |
| 105G_1987_3226 | 0 | 0.4 | 41 | 1.23 | <1 | 0.3 | <1 | 10.0 | | | <1 | 322 | 60.8 | 0.23 |
| 105G_1987_3227 | 0 | <0.2 | 72 | 1.51 | 2 | 2.1 | <1 | 10.0 | | | <1 | 345 | 79.6 | 0.74 |
| 105G_1987_3228 | 0 | 1.3 | 988 | 1.95 | 3 | 3.2 | <1 | 10.0 | | | <1 | 1322 | 414.9 | 0.58 |
| 105G_1987_3229 | 0 | 0.3 | 223 | 1.35 | 4 | 4.7 | <1 | 10.0 | | | <1 | 1353 | 161.7 | 1.38 |
| 105G_1987_3230 | 0 | <0.2 | 195 | 1.26 | 2 | 1.9 | <1 | 10.0 | | | 1 | 1210 | 150.1 | 0.73 |
| 105G_1987_3231 | 0 | 0.5 | 469 | 1.92 | 20 | 17.2 | 1 | 10.0 | | | 1 | 1128 | 312.7 | 0.46 |
| 105G_1987_3232 | 0 | 0.3 | 267 | 1.66 | 55 | 48.2 | 1 | 10.0 | | | <1 | 2573 | 626.3 | 0.64 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3197 | 0 | 4.73 | <0.2 | 0.16 | 11 | 10.8 | 15.5 | 20 | 16.70 | 500 | 1.74 | 2.69 | 2.1 | 25 | 32 |
| 105G_1987_3198 | 0 | 0.86 | <0.2 | 0.23 | 17 | 16.5 | 21.9 | 28 | 26.31 | 655 | 2.73 | 2.85 | 3.7 | 30 | 36 |
| 105G_1987_3199 | 0 | 1.25 | <0.2 | 0.21 | 16 | 14.7 | 16.2 | 18 | 16.03 | 666 | 2.87 | 2.76 | 2.7 | 30 | 38 |
| 105G_1987_3200 | 0 | 3.18 | 0.4 | 0.52 | 11 | 10.7 | 22.7 | 23 | 21.75 | 640 | 1.86 | 2.27 | 2.8 | 45 | 51 |
| 105G_1987_3202 | 1 | 0.79 | 0.2 | 0.32 | 12 | 10.1 | 14.8 | 18 | 14.67 | 565 | 2.20 | 2.21 | 2.2 | 30 | 27 |
| 105G_1987_3203 | 2 | 0.85 | <0.2 | 0.34 | 12 | 10.9 | 16.5 | 18 | 15.47 | 475 | 2.33 | 2.34 | 2.3 | 30 | 25 |
| 105G_1987_3204 | 0 | 2.06 | <0.2 | 0.23 | 11 | 10.0 | 18.2 | 17 | 15.75 | 695 | 2.12 | 2.09 | 4.5 | 15 | 12 |
| 105G_1987_3205 | 0 | 0.85 | <0.2 | 0.17 | 16 | 15.5 | 18.1 | 22 | 19.44 | 625 | 2.60 | 2.50 | 3.9 | 20 | 20 |
| 105G_1987_3207 | 0 | 0.95 | 0.2 | 0.28 | 8 | 8.0 | 13.9 | 15 | 13.48 | 900 | 1.96 | 1.80 | 5.5 | 15 | <5 |
| 105G_1987_3208 | 0 | 1.02 | <0.2 | 0.16 | 27 | 26.3 | 23.1 | 46 | 41.67 | 820 | 3.72 | 4.18 | 4.4 | 20 | 16 |
| 105G_1987_3209 | 0 | 0.54 | <0.2 | 0.13 | 21 | 20.0 | 17.9 | 36 | 32.74 | 635 | 3.20 | 3.30 | 3.4 | 20 | 21 |
| 105G_1987_3210 | 0 | 5.95 | <0.2 | 0.16 | 21 | 19.9 | 21.7 | 35 | 31.00 | 855 | 2.39 | 3.50 | 3.9 | 10 | 19 |
| 105G_1987_3211 | 0 | 4.51 | <0.2 | 0.13 | 26 | 23.9 | 26.4 | 55 | 44.51 | 735 | 2.99 | 4.00 | 4.9 | <10 | 15 |
| 105G_1987_3212 | 0 | 1.43 | <0.2 | 0.27 | 19 | 16.4 | 26.5 | 42 | 31.12 | 965 | 3.53 | 3.31 | 7.2 | 15 | 16 |
| 105G_1987_3213 | 0 | 1.12 | <0.2 | 0.31 | 23 | 21.6 | 30.9 | 45 | 40.75 | 910 | 3.62 | 3.63 | 8.4 | 20 | 19 |
| 105G_1987_3214 | 0 | 1.48 | 0.2 | 0.31 | 15 | 13.1 | 25.5 | 36 | 29.97 | 900 | 2.64 | 2.29 | 11.0 | <10 | 15 |
| 105G_1987_3215 | 0 | 0.83 | 17.4 | 15.72 | 22 | 22.5 | 39.1 | 75 | 72.75 | 525 | 5.31 | 6.08 | 5.3 | 140 | 143 |
| 105G_1987_3216 | 0 | 0.35 | 0.7 | 0.58 | 10 | 9.1 | 26.2 | 29 | 26.82 | 775 | 2.26 | 2.02 | 3.7 | 10 | 14 |
| 105G_1987_3217 | 0 | 0.54 | <0.2 | 0.68 | 17 | 15.8 | 71.0 | 32 | 30.10 | 765 | 3.21 | 3.19 | 7.1 | 10 | 12 |
| 105G_1987_3218 | 0 | 0.52 | <0.2 | 0.19 | 12 | 10.8 | 30.6 | 36 | 29.17 | 795 | 2.50 | 2.29 | 4.7 | 10 | <5 |
| 105G_1987_3219 | 0 | 0.57 | <0.2 | 0.33 | 18 | 18.0 | 61.7 | 56 | 52.47 | 1095 | 3.95 | 4.12 | 8.5 | 10 | 10 |
| 105G_1987_3220 | 0 | 0.63 | 2.5 | 2.20 | 26 | 24.4 | 68.5 | 123 | 113.71 | 1045 | 3.90 | 4.07 | 6.5 | 30 | 44 |
| 105G_1987_3222 | 1 | 0.40 | 0.5 | 0.59 | 5 | 4.3 | 14.6 | 17 | 15.09 | 685 | 1.61 | 1.20 | 2.6 | 20 | 34 |
| 105G_1987_3223 | 2 | 0.41 | 0.6 | 0.70 | 5 | 4.2 | 14.5 | 17 | 15.02 | 640 | 1.55 | 1.15 | 2.5 | 25 | 27 |
| 105G_1987_3224 | 0 | 0.35 | 0.8 | 0.46 | 11 | 9.9 | 49.2 | 38 | 35.37 | 690 | 2.19 | 1.96 | 4.3 | 15 | 15 |
| 105G_1987_3225 | 0 | 0.31 | 0.7 | 0.82 | 16 | 15.7 | 173.0 | 32 | 30.61 | 425 | 1.85 | 1.87 | 2.8 | 25 | 21 |
| 105G_1987_3226 | 0 | 0.28 | <0.2 | 0.12 | 18 | 16.2 | 215.8 | 45 | 39.77 | 150 | 1.64 | 1.41 | 2.3 | 25 | 14 |
| 105G_1987_3227 | 0 | 0.41 | <0.2 | 0.20 | 16 | 16.5 | 187.5 | 78 | 78.86 | 525 | 1.80 | 1.90 | 3.2 | 10 | 30 |
| 105G_1987_3228 | 0 | 0.78 | 0.9 | 0.96 | 12 | 10.5 | 48.8 | 41 | 36.70 | 320 | 2.65 | 2.24 | 5.7 | 45 | 45 |
| 105G_1987_3229 | 0 | 0.42 | 0.8 | 0.99 | 7 | 6.5 | 23.4 | 13 | 11.80 | 590 | 2.26 | 2.09 | 4.8 | 20 | 34 |
| 105G_1987_3230 | 0 | 0.41 | 0.3 | 0.51 | 7 | 6.3 | 38.9 | 14 | 12.20 | 400 | 1.79 | 1.69 | 4.6 | 15 | 19 |
| 105G_1987_3231 | 0 | 1.05 | 2.0 | 1.90 | 14 | 13.4 | 66.1 | 51 | 48.54 | 215 | 3.47 | 3.07 | 5.9 | 45 | 63 |
| 105G_1987_3232 | 0 | 0.82 | 2.8 | 2.33 | 11 | 11.2 | 24.9 | 32 | 30.66 | 675 | 2.78 | 2.78 | 5.7 | 20 | 19 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3197 | 0 | 0.08 | 9.5 | 8.0 | 2.00 | 405 | 479 | <2 | 0.68 | 0.010 | 22 | 22.1 | 0.078 | 13 | 9.84 |
| 105G_1987_3198 | 0 | 0.09 | 17.1 | 8.4 | 0.79 | 320 | 388 | <2 | 0.78 | 0.009 | 30 | 30.6 | 0.114 | 17 | 13.46 |
| 105G_1987_3199 | 0 | 0.11 | 12.8 | 17.0 | 0.53 | 421 | 422 | <2 | 0.47 | 0.007 | 27 | 25.2 | 0.117 | 15 | 12.03 |
| 105G_1987_3200 | 0 | 0.06 | 12.2 | 4.0 | 1.46 | 457 | 516 | <2 | 1.18 | 0.011 | 30 | 29.5 | 0.090 | 15 | 11.92 |
| 105G_1987_3202 | 1 | 0.07 | 16.7 | 6.2 | 0.44 | 438 | 501 | 3 | 2.83 | 0.005 | 27 | 23.8 | 0.098 | 14 | 10.24 |
| 105G_1987_3203 | 2 | 0.09 | 18.3 | 6.0 | 0.47 | 429 | 530 | 3 | 3.07 | 0.008 | 27 | 25.1 | 0.100 | 13 | 10.62 |
| 105G_1987_3204 | 0 | 0.11 | 13.7 | 2.4 | 0.80 | 329 | 369 | <2 | 0.66 | 0.040 | 21 | 20.8 | 0.060 | 17 | 14.63 |
| 105G_1987_3205 | 0 | 0.10 | 19.5 | 6.6 | 0.61 | 279 | 350 | <2 | 0.54 | 0.020 | 25 | 25.6 | 0.094 | 17 | 13.85 |
| 105G_1987_3207 | 0 | 0.13 | 14.6 | 2.6 | 0.55 | 242 | 312 | <2 | 0.64 | 0.045 | 15 | 15.2 | 0.060 | 18 | 16.59 |
| 105G_1987_3208 | 0 | 0.09 | 12.4 | 4.2 | 1.10 | 318 | 381 | <2 | 1.49 | 0.012 | 42 | 43.7 | 0.093 | 19 | 16.22 |
| 105G_1987_3209 | 0 | 0.10 | 13.0 | 7.2 | 0.64 | 299 | 388 | <2 | 0.49 | 0.005 | 29 | 29.2 | 0.088 | 19 | 16.13 |
| 105G_1987_3210 | 0 | 0.08 | 9.6 | 4.4 | 1.00 | 306 | 346 | 2 | 1.03 | 0.012 | 35 | 35.5 | 0.082 | 19 | 13.53 |
| 105G_1987_3211 | 0 | 0.04 | 6.8 | 3.4 | 1.27 | 364 | 420 | 2 | 1.00 | 0.005 | 37 | 38.8 | 0.067 | 22 | 16.20 |
| 105G_1987_3212 | 0 | 0.11 | 16.7 | 4.4 | 1.00 | 408 | 463 | <2 | 0.43 | 0.111 | 35 | 33.0 | 0.060 | 32 | 24.76 |
| 105G_1987_3213 | 0 | 0.11 | 18.0 | 7.8 | 1.08 | 399 | 486 | <2 | 0.56 | 0.101 | 38 | 38.1 | 0.059 | 37 | 31.56 |
| 105G_1987_3214 | 0 | 0.31 | 15.5 | 6.0 | 0.69 | 402 | 492 | 2 | 1.18 | 0.092 | 25 | 24.2 | 0.046 | 23 | 19.89 |
| 105G_1987_3215 | 0 | 0.37 | 54.4 | 15.4 | 0.85 | 5460 | 5028 | 3 | 3.90 | 0.011 | 37 | 42.7 | 0.095 | 102 | 100.08 |
| 105G_1987_3216 | 0 | 0.25 | 18.2 | 1.8 | 0.62 | 240 | 317 | <2 | 1.13 | 0.005 | 21 | 22.6 | 0.116 | 17 | 12.78 |
| 105G_1987_3217 | 0 | 0.57 | 21.2 | 3.6 | 1.16 | 288 | 375 | <2 | 1.15 | 0.016 | 37 | 40.3 | 0.100 | 13 | 10.33 |
| 105G_1987_3218 | 0 | 0.40 | 14.4 | 1.2 | 0.71 | 287 | 349 | <2 | 1.22 | 0.011 | 21 | 20.8 | 0.177 | 8 | 5.83 |
| 105G_1987_3219 | 0 | 0.79 | 21.4 | 2.4 | 1.44 | 510 | 678 | <2 | 1.62 | 0.014 | 41 | 43.5 | 0.158 | 15 | 10.76 |
| 105G_1987_3220 | 0 | 0.28 | 25.8 | 8.2 | 1.00 | 824 | 1095 | 2 | 2.16 | 0.011 | 80 | 80.1 | 0.128 | 47 | 41.49 |
| 105G_1987_3222 | 1 | 0.07 | 14.9 | 9.0 | 0.24 | 283 | 318 | <2 | 0.46 | 0.006 | 12 | 12.4 | 0.062 | 15 | 14.06 |
| 105G_1987_3223 | 2 | 0.08 | 14.5 | 9.2 | 0.23 | 275 | 292 | <2 | 0.43 | 0.008 | 13 | 11.7 | 0.062 | 15 | 13.35 |
| 105G_1987_3224 | 0 | 0.17 | 13.4 | 2.4 | 0.69 | 219 | 289 | <2 | 1.27 | 0.011 | 41 | 41.1 | 0.091 | 23 | 19.47 |
| 105G_1987_3225 | 0 | 0.11 | 10.3 | 3.0 | 1.25 | 271 | 359 | <2 | 0.63 | 0.015 | 126 | 124.9 | 0.053 | 15 | 12.42 |
| 105G_1987_3226 | 0 | 0.04 | 2.1 | 3.6 | 1.32 | 166 | 212 | <2 | 0.23 | 0.010 | 136 | 127.9 | 0.020 | 4 | 2.17 |
| 105G_1987_3227 | 0 | 0.07 | 11.9 | 4.8 | 1.31 | 204 | 287 | <2 | 0.55 | 0.017 | 94 | 96.8 | 0.036 | 7 | 6.43 |
| 105G_1987_3228 | 0 | 0.16 | 77.3 | 2.8 | 0.76 | 364 | 373 | <2 | 1.20 | 0.011 | 58 | 55.1 | 0.081 | 19 | 14.61 |
| 105G_1987_3229 | 0 | 0.13 | 31.5 | 8.4 | 0.57 | 880 | 1121 | <2 | 1.29 | 0.007 | 21 | 20.7 | 0.083 | 37 | 32.88 |
| 105G_1987_3230 | 0 | 0.13 | 23.6 | 6.6 | 0.61 | 283 | 368 | <2 | 0.73 | 0.008 | 31 | 29.3 | 0.083 | 19 | 17.86 |
| 105G_1987_3231 | 0 | 0.21 | 33.0 | 20.8 | 0.91 | 828 | 915 | <2 | 1.58 | 0.017 | 138 | 131.9 | 0.091 | 14 | 11.41 |
| 105G_1987_3232 | 0 | 0.12 | 26.0 | 5.2 | 0.84 | 300 | 396 | 3 | 3.11 | 0.037 | 40 | 41.5 | 0.126 | 17 | 15.88 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|----------|------------|------------|------------|------------|------------|---------|------------|------------|------------|----------|------------|------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3197 | 0 | 0.06 | 2.3 | 1.50 | 2.0 | 0.5 | 12 | 68.0 | 0.02 | 3.4 | 0.007 | 0.06 | 0.6 | 2.7 |
| 105G_1987_3198 | 0 | 0.07 | 0.5 | 0.63 | 2.7 | 0.5 | 2 | 37.7 | 0.02 | 6.0 | 0.006 | 0.05 | 0.9 | 4.2 |
| 105G_1987_3199 | 0 | 0.08 | 0.6 | 0.64 | 2.0 | 0.6 | 4 | 42.2 | 0.02 | 4.1 | 0.004 | 0.08 | 0.9 | 3.8 |
| 105G_1987_3200 | 0 | 0.03 | 0.8 | 0.85 | 2.7 | 0.6 | 9 | 75.0 | 0.03 | 4.2 | 0.014 | 0.08 | 0.8 | 3.1 |
| 105G_1987_3202 | 1 | 0.02 | 1.1 | 1.04 | 1.6 | 0.4 | 6 | 28.7 | <0.02 | 4.7 | 0.007 | 0.07 | 1.1 | 4.0 |
| 105G_1987_3203 | 2 | 0.01 | 1.3 | 1.08 | 1.7 | 0.5 | 3 | 31.2 | <0.02 | 5.0 | 0.008 | 0.07 | 1.2 | 3.9 |
| 105G_1987_3204 | 0 | 0.01 | 1.1 | 0.89 | 2.4 | 0.3 | 7 | 90.0 | 0.02 | 6.5 | 0.028 | 0.13 | 2.1 | 4.8 |
| 105G_1987_3205 | 0 | 0.03 | 0.7 | 0.59 | 2.7 | 0.4 | 3 | 40.4 | 0.03 | 6.9 | 0.014 | 0.11 | 1.6 | 5.3 |
| 105G_1987_3207 | 0 | <0.01 | 1.1 | 0.98 | 2.2 | 0.4 | 3 | 79.8 | <0.02 | 9.2 | 0.035 | 0.17 | 5.4 | 11.3 |
| 105G_1987_3208 | 0 | 0.12 | 2.6 | 2.07 | 3.4 | 0.6 | 3 | 34.7 | 0.02 | 8.3 | 0.004 | 0.04 | 0.8 | 3.5 |
| 105G_1987_3209 | 0 | 0.03 | 0.7 | 0.69 | 2.6 | 0.6 | 2 | 27.7 | <0.02 | 6.6 | 0.002 | 0.06 | 0.7 | 4.6 |
| 105G_1987_3210 | 0 | 0.06 | 2.3 | 1.72 | 3.6 | 0.6 | 10 | 119.9 | <0.02 | 7.1 | 0.003 | 0.03 | 0.5 | 3.0 |
| 105G_1987_3211 | 0 | 0.16 | 1.7 | 1.29 | 3.5 | 0.6 | 6 | 114.2 | 0.03 | 8.1 | 0.003 | 0.03 | 0.6 | 3.5 |
| 105G_1987_3212 | 0 | 0.03 | 1.2 | 1.09 | 3.9 | 0.3 | 3 | 96.2 | <0.02 | 8.8 | 0.032 | 0.10 | 0.7 | 3.2 |
| 105G_1987_3213 | 0 | 0.01 | 1.2 | 1.12 | 5.0 | 0.5 | 3 | 89.0 | <0.02 | 8.7 | 0.039 | 0.12 | 3.1 | 6.1 |
| 105G_1987_3214 | 0 | <0.01 | 0.7 | 0.24 | 3.7 | 0.5 | 4 | 97.1 | <0.02 | 8.5 | 0.086 | 0.38 | 62.8 | 71.2 |
| 105G_1987_3215 | 0 | 0.10 | 1.1 | 0.95 | 4.1 | 4.1 | 3 | 76.8 | <0.02 | 16.9 | 0.074 | 0.42 | 2.9 | 5.1 |
| 105G_1987_3216 | 0 | <0.01 | 0.2 | 0.20 | 2.7 | 0.4 | 1 | 13.8 | 0.02 | 5.9 | 0.080 | 0.16 | 1.9 | 4.1 |
| 105G_1987_3217 | 0 | <0.01 | <0.2 | 0.04 | 4.9 | 0.3 | 2 | 22.6 | 0.02 | 5.7 | 0.190 | 0.35 | 2.7 | 4.4 |
| 105G_1987_3218 | 0 | <0.01 | <0.2 | 0.04 | 3.9 | 0.3 | 2 | 13.4 | <0.02 | 5.1 | 0.112 | 0.19 | 1.8 | 4.3 |
| 105G_1987_3219 | 0 | 0.06 | <0.2 | 0.07 | 6.7 | 0.3 | 1 | 17.5 | 0.02 | 6.7 | 0.224 | 0.41 | 4.0 | 7.6 |
| 105G_1987_3220 | 0 | 0.08 | 0.4 | 0.31 | 8.2 | 1.3 | 2 | 41.4 | 0.08 | 5.3 | 0.097 | 0.33 | 2.8 | 4.7 |
| 105G_1987_3222 | 1 | 0.04 | <0.2 | 0.08 | 1.2 | 0.7 | 2 | 18.5 | <0.02 | 1.1 | 0.016 | 0.15 | 60.6 | 60.8 |
| 105G_1987_3223 | 2 | 0.04 | <0.2 | 0.07 | 1.2 | 0.7 | 4 | 20.8 | <0.02 | 1.1 | 0.015 | 0.14 | 67.1 | 81.4 |
| 105G_1987_3224 | 0 | 0.03 | <0.2 | 0.09 | 3.7 | 0.4 | 3 | 18.2 | 0.02 | 4.2 | 0.076 | 0.21 | 6.4 | 8.8 |
| 105G_1987_3225 | 0 | 0.02 | <0.2 | 0.08 | 3.3 | 0.6 | 2 | 15.9 | 0.03 | 3.3 | 0.032 | 0.15 | 6.7 | 7.4 |
| 105G_1987_3226 | 0 | 0.01 | <0.2 | 0.03 | 3.2 | 0.5 | 2 | 10.8 | 0.03 | 0.6 | 0.021 | 0.07 | 0.7 | 1.3 |
| 105G_1987_3227 | 0 | <0.01 | <0.2 | 0.07 | 4.0 | 0.7 | 3 | 21.5 | 0.02 | 3.0 | 0.023 | 0.12 | 38.5 | 33.5 |
| 105G_1987_3228 | 0 | 0.08 | 0.2 | 0.10 | 3.2 | 1.3 | 5 | 46.6 | 0.02 | 2.1 | 0.056 | 0.23 | 9.4 | 11.4 |
| 105G_1987_3229 | 0 | 0.04 | 0.3 | 0.08 | 1.9 | 0.8 | 3 | 25.2 | 0.02 | 5.3 | 0.035 | 0.35 | 47.2 | 48.3 |
| 105G_1987_3230 | 0 | 0.01 | <0.2 | 0.07 | 2.4 | 0.9 | 3 | 21.2 | 0.02 | 4.4 | 0.049 | 0.22 | 29.3 | 32.6 |
| 105G_1987_3231 | 0 | 0.11 | 0.3 | 0.31 | 4.2 | 4.8 | 5 | 41.3 | 0.04 | 3.6 | 0.061 | 0.30 | 7.2 | 9.3 |
| 105G_1987_3232 | 0 | 0.04 | 1.8 | 1.40 | 3.3 | 1.8 | 4 | 56.9 | 0.04 | 8.3 | 0.040 | 0.16 | 2.5 | 5.5 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3197 | 0 | 16 | 14 | 2 | 0.2 | 62 | 55.5 |
| 105G_1987_3198 | 0 | 14 | 16 | 2 | 0.1 | 100 | 94.5 |
| 105G_1987_3199 | 0 | 13 | 12 | 2 | <0.1 | 66 | 61.9 |
| 105G_1987_3200 | 0 | 18 | 21 | 2 | 0.2 | 97 | 89.5 |
| 105G_1987_3202 | 1 | 9 | 14 | 2 | <0.1 | 81 | 70.3 |
| 105G_1987_3203 | 2 | 10 | 17 | 2 | 0.1 | 85 | 76.7 |
| 105G_1987_3204 | 0 | 16 | 17 | 4 | 1.9 | 73 | 68.0 |
| 105G_1987_3205 | 0 | 13 | 18 | 2 | 1.2 | 79 | 76.2 |
| 105G_1987_3207 | 0 | 15 | 14 | 12 | 12.1 | 62 | 67.3 |
| 105G_1987_3208 | 0 | 16 | 19 | 2 | 0.7 | 89 | 84.4 |
| 105G_1987_3209 | 0 | 11 | 13 | 2 | 0.3 | 69 | 62.7 |
| 105G_1987_3210 | 0 | 20 | 16 | 2 | 0.9 | 80 | 74.4 |
| 105G_1987_3211 | 0 | 18 | 16 | 2 | <0.1 | 79 | 73.5 |
| 105G_1987_3212 | 0 | 28 | 22 | 6 | 4.1 | 127 | 108.8 |
| 105G_1987_3213 | 0 | 18 | 26 | 4 | 2.7 | 163 | 146.0 |
| 105G_1987_3214 | 0 | 31 | 26 | 18 | 12.9 | 98 | 81.4 |
| 105G_1987_3215 | 0 | 46 | 45 | 2 | 0.3 | 1820 | 1728.9 |
| 105G_1987_3216 | 0 | 43 | 40 | 2 | 0.4 | 201 | 179.4 |
| 105G_1987_3217 | 0 | 72 | 70 | 2 | 0.4 | 90 | 81.1 |
| 105G_1987_3218 | 0 | 59 | 51 | 2 | 0.2 | 66 | 57.2 |
| 105G_1987_3219 | 0 | 95 | 97 | 6 | 0.5 | 136 | 124.8 |
| 105G_1987_3220 | 0 | 86 | 87 | 2 | 0.5 | 453 | 405.3 |
| 105G_1987_3222 | 1 | 15 | 18 | 2 | 0.1 | 106 | 99.1 |
| 105G_1987_3223 | 2 | 15 | 16 | 2 | 0.2 | 117 | 103.2 |
| 105G_1987_3224 | 0 | 47 | 47 | 2 | 3.8 | 173 | 169.1 |
| 105G_1987_3225 | 0 | 30 | 35 | 8 | 6.3 | 182 | 186.2 |
| 105G_1987_3226 | 0 | 30 | 32 | 8 | 4.4 | 32 | 28.9 |
| 105G_1987_3227 | 0 | 34 | 41 | 8 | 7.6 | 50 | 52.4 |
| 105G_1987_3228 | 0 | 44 | 41 | 2 | 0.7 | 122 | 103.0 |
| 105G_1987_3229 | 0 | 25 | 26 | 2 | 1.3 | 132 | 122.7 |
| 105G_1987_3230 | 0 | 27 | 28 | 6 | 0.6 | 97 | 93.1 |
| 105G_1987_3231 | 0 | 45 | 47 | 2 | 0.3 | 250 | 217.1 |
| 105G_1987_3232 | 0 | 71 | 80 | 4 | 0.5 | 300 | 288.7 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3233 | 0 | 0.4 | 268 | 1.66 | 40 | 36.2 | <1 | 10.0 | | | <1 | 2142 | 415.7 | 0.65 |
| 105G_1987_3234 | 0 | <0.2 | 216 | 1.77 | 80 | 57.7 | <1 | 10.0 | | | 1 | 1363 | 315.7 | 0.83 |
| 105G_1987_3235 | 0 | 0.3 | 285 | 1.76 | 50 | 39.1 | 5 | 10.0 | 5 | 10.0 | 1 | 2050 | 187.5 | 0.54 |
| 105G_1987_3236 | 0 | 0.2 | 27 | 1.01 | 10 | 7.8 | <1 | 10.0 | | | <1 | 448 | 38.6 | 1.83 |
| 105G_1987_3238 | 0 | <0.2 | 17 | 0.85 | 2 | 1.6 | <1 | 10.0 | | | <1 | 288 | 19.9 | 3.37 |
| 105G_1987_3239 | 0 | <0.2 | 14 | 0.55 | 2 | 1.2 | <1 | 10.0 | | | <1 | 159 | 10.4 | 3.27 |
| 105G_1987_3240 | 0 | <0.2 | 9 | 0.91 | 14 | 7.7 | <1 | 10.0 | | | 1 | 276 | 22.2 | 4.44 |
| 105G_1987_3242 | 1 | <0.2 | 80 | 0.96 | 4 | 5.3 | <1 | 10.0 | | | 1 | 1218 | 246.5 | 0.10 |
| 105G_1987_3243 | 2 | <0.2 | 77 | 0.95 | 2 | 5.2 | <1 | 10.0 | | | 2 | 1229 | 238.7 | 0.09 |
| 105G_1987_3244 | 0 | <0.2 | 23 | 1.11 | 4 | 2.1 | <1 | 10.0 | | | <1 | 573 | 31.0 | 0.23 |
| 105G_1987_3245 | 0 | 0.2 | 212 | 1.59 | 25 | 22.0 | 4 | 10.0 | | | 1 | 1554 | 219.9 | 1.48 |
| 105G_1987_3246 | 0 | 0.3 | 205 | 1.22 | 2 | 1.9 | 16 | 10.0 | <1 | 10.0 | <1 | 1680 | 140.3 | 0.59 |
| 105G_1987_3247 | 0 | <0.2 | 127 | 0.95 | 2 | 1.8 | <1 | 10.0 | | | <1 | 2205 | 162.4 | 0.33 |
| 105G_1987_3248 | 0 | 0.3 | 337 | 1.65 | 4 | 5.9 | <1 | 10.0 | | | <1 | 1764 | 250.4 | 3.04 |
| 105G_1987_3249 | 0 | <0.2 | 35 | 2.52 | 20 | 15.8 | <1 | 10.0 | | | 1 | 773 | 47.3 | 0.19 |
| 105G_1987_3251 | 0 | <0.2 | 38 | 1.80 | 4 | 5.0 | <1 | 10.0 | | | 1 | 622 | 43.0 | 0.38 |
| 105G_1987_3252 | 0 | <0.2 | 12 | 1.08 | 2 | 1.9 | <1 | 10.0 | | | <1 | 374 | 32.0 | 0.73 |
| 105G_1987_3253 | 0 | <0.2 | 10 | 0.74 | 3 | 3.1 | <1 | 10.0 | | | <1 | 420 | 34.8 | 0.36 |
| 105G_1987_3254 | 0 | <0.2 | 14 | 0.81 | 3 | 2.7 | <1 | 10.0 | | | <1 | 420 | 30.9 | 0.16 |
| 105G_1987_3255 | 0 | <0.2 | 8 | 0.70 | 3 | 3.3 | 1 | 10.0 | | | 1 | 245 | 12.4 | 0.48 |
| 105G_1987_3256 | 0 | <0.2 | 101 | 1.30 | 20 | 14.9 | <1 | 10.0 | | | 1 | 870 | 72.1 | 0.45 |
| 105G_1987_3257 | 0 | <0.2 | 70 | 3.23 | 20 | 20.6 | <1 | 10.0 | | | <1 | 585 | 67.0 | 0.59 |
| 105G_1987_3258 | 0 | <0.2 | 54 | 2.46 | 16 | 15.4 | <1 | 10.0 | | | 1 | 732 | 57.4 | 0.43 |
| 105G_1987_3259 | 0 | <0.2 | 60 | 1.15 | 20 | 21.2 | <1 | 10.0 | | | 1 | 652 | 49.9 | 0.36 |
| 105G_1987_3260 | 0 | <0.2 | 67 | 1.25 | 12 | 12.6 | <1 | 10.0 | | | 1 | 572 | 38.1 | 0.33 |
| 105G_1987_3262 | 1 | <0.2 | 55 | 1.15 | 12 | 11.1 | 1 | 10.0 | | | 1 | 521 | 47.7 | 0.27 |
| 105G_1987_3263 | 2 | <0.2 | 57 | 1.18 | 11 | 11.3 | <1 | 10.0 | | | 1 | 537 | 47.8 | 0.29 |
| 105G_1987_3264 | 0 | <0.2 | 77 | 1.85 | 40 | 79.8 | 1 | 10.0 | | | <1 | 723 | 46.3 | 0.31 |
| 105G_1987_3265 | 0 | <0.2 | 73 | 1.90 | 12 | 12.3 | <1 | 10.0 | | | 2 | 742 | 63.7 | 0.27 |
| 105G_1987_3266 | 0 | <0.2 | 841 | 2.68 | 30 | 26.2 | <1 | 10.0 | | | 1 | 683 | 44.7 | 0.32 |
| 105G_1987_3267 | 0 | 0.2 | 159 | 2.80 | 25 | 25.9 | <1 | 10.0 | | | 3 | 758 | 55.5 | 0.37 |
| 105G_1987_3268 | 0 | <0.2 | 10 | 1.28 | 6 | 5.7 | <1 | 10.0 | | | <1 | 362 | 38.8 | 0.29 |
| 105G_1987_3269 | 0 | <0.2 | 132 | 1.92 | 14 | 13.9 | 3 | 10.0 | | | <1 | 1660 | 155.8 | 0.83 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3233 | 0 | 0.80 | 2.3 | 2.02 | 11 | 10.0 | 23.5 | 35 | 31.26 | 630 | 2.65 | 2.73 | 5.6 | 25 | 26 |
| 105G_1987_3234 | 0 | 0.97 | 2.0 | 1.86 | 11 | 10.4 | 14.6 | 26 | 24.21 | 575 | 2.71 | 2.94 | 7.4 | 15 | 17 |
| 105G_1987_3235 | 0 | 1.14 | 1.1 | 1.12 | 14 | 14.3 | 19.1 | 43 | 39.53 | 710 | 2.83 | 2.91 | 6.3 | 15 | 23 |
| 105G_1987_3236 | 0 | 0.41 | <0.2 | 0.20 | 4 | 3.5 | 4.2 | 8 | 6.41 | 435 | 1.81 | 1.61 | 5.6 | <10 | 9 |
| 105G_1987_3238 | 0 | 0.27 | <0.2 | 0.03 | 3 | 2.1 | 2.2 | 7 | 6.12 | 275 | 1.43 | 1.22 | 5.6 | 10 | 10 |
| 105G_1987_3239 | 0 | 0.17 | <0.2 | 0.02 | 2 | 0.8 | 0.9 | 6 | 4.29 | 405 | 0.82 | 0.47 | 2.7 | <10 | <5 |
| 105G_1987_3240 | 0 | 0.24 | <0.2 | 0.04 | 4 | 2.4 | 2.6 | 4 | 2.51 | 460 | 1.66 | 1.30 | 5.4 | 20 | 7 |
| 105G_1987_3242 | 1 | 0.54 | <0.2 | 0.32 | 15 | 14.1 | 107.5 | 18 | 17.14 | 300 | 2.00 | 1.98 | 2.8 | 55 | 61 |
| 105G_1987_3243 | 2 | 0.53 | <0.2 | 0.31 | 5 | 14.8 | 102.0 | 19 | 17.16 | 295 | 2.07 | 1.96 | 2.8 | 50 | 72 |
| 105G_1987_3244 | 0 | 0.76 | <0.2 | 0.26 | 15 | 5.0 | 5.1 | 2 | 1.72 | 525 | 2.56 | 3.01 | 7.7 | 15 | 10 |
| 105G_1987_3245 | 0 | 1.43 | 11.3 | 10.10 | 14 | 13.0 | 21.3 | 44 | 40.88 | 715 | 3.04 | 2.76 | 5.4 | 30 | 40 |
| 105G_1987_3246 | 0 | 0.26 | <0.2 | 0.31 | 7 | 6.3 | 40.9 | 17 | 17.19 | 415 | 1.93 | 1.71 | 4.9 | 15 | 11 |
| 105G_1987_3247 | 0 | 0.29 | <0.2 | 0.23 | 7 | 5.9 | 30.6 | 17 | 14.26 | 355 | 1.88 | 1.57 | 4.2 | 10 | 5 |
| 105G_1987_3248 | 0 | 0.53 | 1.8 | 1.97 | 18 | 18.9 | 71.5 | 62 | 63.01 | 525 | 3.01 | 3.10 | 5.8 | 20 | 24 |
| 105G_1987_3249 | 0 | 1.24 | <0.2 | 0.25 | 9 | 8.5 | 27.8 | 20 | 17.87 | 520 | 2.14 | 1.90 | 8.8 | 15 | 15 |
| 105G_1987_3251 | 0 | 0.98 | <0.2 | 0.25 | 6 | 5.7 | 11.8 | 7 | 6.00 | 440 | 2.29 | 2.14 | 9.5 | 15 | 9 |
| 105G_1987_3252 | 0 | 0.40 | <0.2 | 0.19 | 4 | 3.5 | 2.4 | 3 | 2.32 | 560 | 2.27 | 2.15 | 7.7 | 10 | 6 |
| 105G_1987_3253 | 0 | 0.30 | <0.2 | 0.04 | 3 | 2.8 | 2.7 | <2 | 0.86 | 600 | 1.55 | 1.95 | 6.1 | <10 | <5 |
| 105G_1987_3254 | 0 | 0.28 | <0.2 | 0.06 | 4 | 3.1 | 3.4 | <2 | 0.88 | 485 | 1.96 | 1.71 | 6.3 | 10 | 10 |
| 105G_1987_3255 | 0 | 0.35 | <0.2 | 0.27 | 3 | 2.3 | 2.6 | <2 | 0.96 | 520 | 1.48 | 1.65 | 5.7 | <10 | <5 |
| 105G_1987_3256 | 0 | 0.89 | <0.2 | 0.41 | 16 | 15.4 | 14.9 | 31 | 24.75 | 810 | 3.40 | 3.76 | 3.4 | 25 | 30 |
| 105G_1987_3257 | 0 | 1.15 | <0.2 | 0.15 | 20 | 18.6 | 33.4 | 45 | 37.80 | 460 | 3.95 | 4.12 | 8.6 | 10 | 19 |
| 105G_1987_3258 | 0 | 0.79 | <0.2 | 0.19 | 19 | 17.5 | 30.3 | 35 | 29.19 | 530 | 3.52 | 3.87 | 6.5 | 25 | 21 |
| 105G_1987_3259 | 0 | 1.31 | <0.2 | 0.13 | 30 | 28.2 | 18.3 | 60 | 47.59 | 415 | 3.99 | 4.64 | 3.0 | 15 | 9 |
| 105G_1987_3260 | 0 | 2.34 | <0.2 | 0.14 | 27 | 26.5 | 19.3 | 52 | 40.11 | 390 | 3.39 | 3.98 | 3.6 | 15 | 16 |
| 105G_1987_3262 | 1 | 1.82 | <0.2 | 0.13 | 20 | 18.7 | 17.2 | 37 | 28.24 | 380 | 3.04 | 3.49 | 3.2 | 25 | 22 |
| 105G_1987_3263 | 2 | 1.75 | <0.2 | 0.14 | 20 | 19.0 | 18.1 | 39 | 29.34 | 510 | 3.11 | 3.51 | 3.3 | 25 | 17 |
| 105G_1987_3264 | 0 | 1.83 | <0.2 | 0.12 | 18 | 18.1 | 26.3 | 39 | 33.72 | 480 | 3.30 | 3.80 | 5.5 | 15 | 20 |
| 105G_1987_3265 | 0 | 0.82 | <0.2 | 0.16 | 13 | 13.1 | 23.0 | 29 | 22.83 | 440 | 3.52 | 3.55 | 5.0 | 40 | 26 |
| 105G_1987_3266 | 0 | 1.07 | <0.2 | 0.29 | 21 | 21.0 | 33.7 | 37 | 30.86 | 570 | 4.17 | 4.48 | 7.1 | 20 | 19 |
| 105G_1987_3267 | 0 | 0.96 | <0.2 | 0.40 | 20 | 20.4 | 35.4 | 31 | 27.19 | 460 | 3.82 | 4.26 | 7.6 | 25 | 15 |
| 105G_1987_3268 | 0 | 0.37 | <0.2 | 0.08 | 3 | 3.7 | 6.6 | 4 | 2.69 | 690 | 1.88 | 1.80 | 8.1 | 10 | 10 |
| 105G_1987_3269 | 0 | 0.72 | 1.4 | 1.48 | 18 | 20.6 | 46.7 | 43 | 36.17 | 765 | 3.28 | 3.88 | 5.9 | 25 | 15 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3233 | 0 | 0.09 | 25.3 | 8.0 | 0.82 | 140 | 188 | 2 | 2.18 | 0.032 | 38 | 35.7 | 0.126 | 18 | 14.86 |
| 105G_1987_3234 | 0 | 0.18 | 45.7 | 4.4 | 0.70 | 479 | 642 | 5 | 4.80 | 0.044 | 26 | 25.8 | 0.164 | 27 | 23.58 |
| 105G_1987_3235 | 0 | 0.17 | 32.2 | 5.2 | 0.86 | 259 | 345 | 2 | 3.01 | 0.043 | 36 | 35.3 | 0.133 | 21 | 18.35 |
| 105G_1987_3236 | 0 | 0.16 | 39.9 | 3.2 | 0.26 | 221 | 293 | <2 | 1.14 | 0.012 | 4 | 3.5 | 0.078 | 16 | 12.19 |
| 105G_1987_3238 | 0 | 0.18 | 44.6 | 1.0 | 0.13 | 176 | 237 | <2 | 0.73 | 0.014 | 2 | 1.2 | 0.044 | 10 | 8.62 |
| 105G_1987_3239 | 0 | 0.09 | 9.9 | 2.0 | 0.04 | 120 | 117 | <2 | 0.96 | 0.004 | 2 | 0.5 | 0.022 | 8 | 5.53 |
| 105G_1987_3240 | 0 | 0.17 | 26.4 | 2.2 | 0.16 | 223 | 267 | <2 | 1.06 | 0.007 | 3 | 1.8 | 0.053 | 10 | 7.62 |
| 105G_1987_3242 | 1 | 0.06 | 12.8 | | 1.56 | 506 | 651 | <2 | 0.50 | 0.005 | 116 | 110.2 | 0.078 | 9 | 7.78 |
| 105G_1987_3243 | 2 | 0.06 | 12.4 | | 1.52 | 395 | 683 | 3 | 0.45 | 0.006 | 115 | 115.4 | 0.082 | 10 | 7.67 |
| 105G_1987_3244 | 0 | 0.22 | 125.9 | | 0.26 | 563 | 521 | <2 | 2.98 | 0.013 | 2 | 2.0 | 0.228 | 25 | 20.35 |
| 105G_1987_3245 | 0 | 0.15 | 17.3 | | 1.03 | 512 | 560 | <2 | 2.63 | 0.018 | 62 | 62.6 | 0.149 | 22 | 18.89 |
| 105G_1987_3246 | 0 | 0.15 | 19.5 | | 0.66 | 199 | 261 | <2 | 1.19 | 0.007 | 39 | 40.5 | 0.053 | 21 | 16.87 |
| 105G_1987_3247 | 0 | 0.25 | 21.2 | | 0.68 | 188 | 251 | <2 | 0.84 | 0.008 | 29 | 26.9 | 0.062 | 14 | 12.02 |
| 105G_1987_3248 | 0 | 0.39 | 42.9 | | 1.18 | 380 | 604 | <2 | 1.94 | 0.012 | 130 | 137.6 | 0.119 | 22 | 20.00 |
| 105G_1987_3249 | 0 | 0.11 | 13.0 | | 0.82 | 106 | 136 | <2 | 0.24 | 0.112 | 17 | 15.2 | 0.064 | 13 | 10.10 |
| 105G_1987_3251 | 0 | 0.19 | 29.5 | | 0.47 | 358 | 435 | <2 | 1.28 | 0.040 | 8 | 6.8 | 0.102 | 17 | 16.19 |
| 105G_1987_3252 | 0 | 0.24 | 53.5 | | 0.25 | 347 | 460 | 2 | 1.62 | 0.009 | <2 | 1.2 | 0.086 | 15 | 12.89 |
| 105G_1987_3253 | 0 | 0.20 | 62.7 | | 0.19 | 222 | 323 | <2 | 1.87 | 0.006 | 2 | 1.0 | 0.104 | 10 | 9.52 |
| 105G_1987_3254 | 0 | 0.18 | 28.0 | | 0.23 | 292 | 349 | 3 | 3.10 | 0.006 | 3 | 1.9 | 0.100 | 9 | 7.14 |
| 105G_1987_3255 | 0 | 0.13 | 50.6 | | 0.15 | 274 | 354 | 2 | 2.05 | 0.006 | <2 | 1.0 | 0.131 | 38 | 32.79 |
| 105G_1987_3256 | 0 | 0.07 | 15.9 | | 0.57 | 673 | 821 | 2 | 1.68 | 0.016 | 33 | 33.3 | 0.068 | 28 | 23.53 |
| 105G_1987_3257 | 0 | 0.20 | 15.7 | | 1.17 | 351 | 468 | 2 | 0.75 | 0.136 | 40 | 40.2 | 0.059 | 26 | 21.76 |
| 105G_1987_3258 | 0 | 0.11 | 14.8 | | 1.09 | 408 | 554 | <2 | 0.67 | 0.052 | 38 | 38.0 | 0.064 | 25 | 19.70 |
| 105G_1987_3259 | 0 | 0.07 | 10.1 | | 0.83 | 315 | 390 | <2 | 0.70 | 0.009 | 46 | 47.5 | 0.087 | 21 | 16.91 |
| 105G_1987_3260 | 0 | 0.06 | 10.1 | | 0.96 | 354 | 412 | <2 | 0.66 | 0.011 | 40 | 38.8 | 0.077 | 25 | 19.28 |
| 105G_1987_3262 | 1 | 0.05 | 8.8 | 6.2 | 0.78 | 366 | 422 | <2 | 0.54 | 0.009 | 34 | 33.3 | 0.074 | 20 | 14.88 |
| 105G_1987_3263 | 2 | 0.05 | 8.7 | 6.6 | 0.79 | 351 | 416 | <2 | 0.56 | 0.008 | 35 | 34.1 | 0.076 | 18 | 15.76 |
| 105G_1987_3264 | 0 | 0.06 | 15.1 | 5.8 | 1.14 | 353 | 449 | <2 | 0.72 | 0.013 | 34 | 35.2 | 0.065 | 17 | 14.61 |
| 105G_1987_3265 | 0 | 0.08 | 14.7 | 10.6 | 1.01 | 323 | 387 | <2 | 0.53 | 0.014 | 32 | 31.8 | 0.056 | 14 | 10.68 |
| 105G_1987_3266 | 0 | 0.13 | 24.4 | 4.4 | 1.36 | 466 | 639 | <2 | 0.79 | 0.050 | 39 | 43.7 | 0.060 | 41 | 36.07 |
| 105G_1987_3267 | 0 | 0.13 | 19.6 | 8.0 | 1.33 | 482 | 665 | <2 | 0.80 | 0.052 | 36 | 39.5 | 0.062 | 45 | 40.09 |
| 105G_1987_3268 | 0 | 0.27 | 38.1 | 4.8 | 0.30 | 252 | 351 | 5 | 5.42 | 0.010 | 6 | 4.2 | 0.101 | 14 | 11.06 |
| 105G_1987_3269 | 0 | 0.25 | 28.7 | 6.0 | 1.25 | 484 | 705 | 2 | 2.30 | 0.004 | 37 | 39.9 | 0.190 | 28 | 23.59 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_3233 | 0 | 0.07 | 1.2 | 0.96 | 3.5 | 2.2 | 4 | 49.0 | <0.02 | 8.9 | 0.036 | 0.15 | 3.0 | 5.8 | |
| 105G_1987_3234 | 0 | 0.04 | 2.3 | 1.93 | 3.5 | 1.7 | 11 | 67.5 | 0.03 | 21.3 | 0.060 | 0.19 | 15.1 | 20.9 | |
| 105G_1987_3235 | 0 | 0.06 | 2.6 | 2.40 | 3.9 | 1.8 | 1 | 77.8 | 0.03 | 15.5 | 0.047 | 0.15 | 6.3 | 12.3 | |
| 105G_1987_3236 | 0 | 0.01 | 0.2 | 0.18 | 2.1 | 0.5 | 7 | 18.5 | <0.02 | 28.0 | 0.055 | 0.20 | 13.2 | 28.4 | |
| 105G_1987_3238 | 0 | <0.01 | <0.2 | 0.05 | 2.4 | 0.2 | 8 | 8.1 | <0.02 | 35.6 | 0.062 | 0.25 | 25.9 | 34.2 | |
| 105G_1987_3239 | 0 | <0.01 | <0.2 | 0.03 | 1.1 | 0.2 | 4 | 5.0 | <0.02 | 8.6 | 0.019 | 0.14 | 18.1 | 29.4 | |
| 105G_1987_3240 | 0 | <0.01 | <0.2 | 0.07 | 2.6 | 0.3 | 4 | 6.9 | <0.02 | 41.6 | 0.065 | 0.25 | 25.1 | 41.0 | |
| 105G_1987_3242 | 1 | 0.02 | 0.5 | 0.47 | 2.7 | 0.6 | 1 | 29.8 | 0.03 | 3.6 | 0.030 | 0.06 | 0.7 | 2.3 | |
| 105G_1987_3243 | 2 | 0.03 | 0.6 | 0.48 | 2.6 | 0.6 | 2 | 30.0 | <0.02 | 3.5 | 0.029 | 0.07 | 0.7 | 2.5 | |
| 105G_1987_3244 | 0 | 0.01 | <0.2 | 0.06 | 3.3 | 0.5 | 4 | 15.4 | <0.02 | 77.2 | 0.056 | 0.23 | 68.8 | 105.0 | |
| 105G_1987_3245 | 0 | 0.13 | 0.6 | 0.86 | 2.3 | 6.0 | 4 | 78.0 | 0.04 | 6.1 | 0.020 | 0.19 | 6.0 | 8.1 | |
| 105G_1987_3246 | 0 | 0.03 | <0.2 | 0.07 | 1.8 | 0.8 | 2 | 11.8 | 0.03 | 3.9 | 0.049 | 0.16 | 12.3 | 15.0 | |
| 105G_1987_3247 | 0 | 0.02 | <0.2 | 0.05 | 2.5 | 0.6 | <1 | 10.9 | <0.02 | 7.2 | 0.063 | 0.19 | 3.0 | 5.2 | |
| 105G_1987_3248 | 0 | 0.06 | <0.2 | 0.06 | 4.4 | 1.5 | 2 | 22.0 | 0.04 | 6.7 | 0.099 | 0.27 | 2.5 | 4.3 | |
| 105G_1987_3249 | 0 | 0.08 | 0.5 | 0.40 | 2.8 | 0.9 | 2 | 102.3 | <0.02 | 4.2 | 0.078 | 0.10 | 2.6 | 5.8 | |
| 105G_1987_3251 | 0 | 0.02 | 0.2 | 0.12 | 3.5 | 0.4 | 4 | 43.9 | <0.02 | 32.4 | 0.105 | 0.22 | 45.1 | 60.8 | |
| 105G_1987_3252 | 0 | <0.01 | <0.2 | 0.07 | 3.6 | 0.3 | 2 | 10.2 | <0.02 | 56.8 | 0.102 | 0.32 | 38.6 | 48.8 | |
| 105G_1987_3253 | 0 | 0.01 | <0.2 | 0.07 | 2.6 | 0.3 | 2 | 6.7 | <0.02 | 73.2 | 0.066 | 0.26 | 32.5 | 61.5 | |
| 105G_1987_3254 | 0 | 0.01 | <0.2 | 0.05 | 2.6 | 0.3 | 2 | 6.0 | <0.02 | 21.0 | 0.085 | 0.27 | 14.2 | 29.3 | |
| 105G_1987_3255 | 0 | 0.01 | <0.2 | 0.10 | 2.0 | 0.1 | 2 | 7.1 | <0.02 | 39.6 | 0.032 | 0.20 | 41.0 | 67.9 | |
| 105G_1987_3256 | 0 | 0.05 | 1.4 | 1.07 | 3.6 | 0.6 | 3 | 42.1 | <0.02 | 6.4 | 0.005 | 0.06 | 1.5 | 4.1 | |
| 105G_1987_3257 | 0 | 0.04 | 1.0 | 0.64 | 4.3 | 0.3 | 6 | 80.6 | <0.02 | 10.4 | 0.046 | 0.14 | 1.2 | 4.5 | |
| 105G_1987_3258 | 0 | 0.05 | 0.6 | 0.49 | 4.2 | 0.4 | 4 | 55.8 | <0.02 | 7.7 | 0.013 | 0.07 | 1.8 | 4.3 | |
| 105G_1987_3259 | 0 | 0.24 | 1.7 | 0.96 | 3.7 | 0.3 | 3 | 51.2 | <0.02 | 9.9 | 0.003 | 0.03 | 0.8 | 4.3 | |
| 105G_1987_3260 | 0 | 0.19 | 1.5 | 0.88 | 3.5 | 0.3 | 3 | 70.8 | <0.02 | 9.9 | 0.004 | 0.03 | 0.7 | 4.0 | |
| 105G_1987_3262 | 1 | 0.10 | 1.1 | 0.81 | 3.0 | 0.3 | 7 | 56.9 | <0.02 | 7.6 | 0.003 | 0.03 | 0.7 | 3.8 | |
| 105G_1987_3263 | 2 | 0.10 | 1.0 | 0.81 | 3.1 | 0.4 | 6 | 55.6 | <0.02 | 7.7 | 0.003 | 0.03 | 0.7 | 6.1 | |
| 105G_1987_3264 | 0 | 0.04 | 10.8 | 6.25 | 3.6 | 0.3 | 4 | 75.4 | <0.02 | 7.3 | 0.005 | 0.04 | 0.5 | 2.6 | |
| 105G_1987_3265 | 0 | 0.04 | 2.0 | 0.91 | 3.7 | 0.4 | 2 | 42.8 | <0.02 | 5.8 | 0.004 | 0.04 | 0.7 | 3.1 | |
| 105G_1987_3266 | 0 | 0.04 | 2.2 | 1.29 | 3.4 | 0.3 | 3 | 49.8 | <0.02 | 11.6 | 0.011 | 0.08 | 0.9 | 3.1 | |
| 105G_1987_3267 | 0 | 0.04 | 1.3 | 0.89 | 4.2 | 0.6 | 3 | 52.0 | <0.02 | 9.7 | 0.016 | 0.10 | 1.4 | 4.6 | |
| 105G_1987_3268 | 0 | 0.01 | 0.2 | 0.11 | 3.4 | 0.3 | 3 | 12.9 | <0.02 | 17.6 | 0.090 | 0.42 | 74.9 | 92.8 | |
| 105G_1987_3269 | 0 | 0.02 | 0.3 | 0.13 | 4.4 | 0.9 | 2 | 27.8 | <0.02 | 6.9 | 0.077 | 0.23 | 3.7 | 5.2 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3233 | 0 | 62 | 64 | 2 | 0.5 | 291 | 265.0 |
| 105G_1987_3234 | 0 | 55 | 59 | 8 | 3.1 | 204 | 194.4 |
| 105G_1987_3235 | 0 | 44 | 58 | 4 | 0.4 | 163 | 157.6 |
| 105G_1987_3236 | 0 | 17 | 18 | 16 | 5.1 | 59 | 55.2 |
| 105G_1987_3238 | 0 | 8 | 10 | 12 | 3.9 | 36 | 34.9 |
| 105G_1987_3239 | 0 | <5 | 4 | 16 | 2.7 | 23 | 16.5 |
| 105G_1987_3240 | 0 | 10 | 12 | 10 | 1.3 | 44 | 36.4 |
| 105G_1987_3242 | 1 | 25 | 31 | 2 | <0.1 | 75 | 71.4 |
| 105G_1987_3243 | 2 | 23 | 31 | 2 | <0.1 | 72 | 71.5 |
| 105G_1987_3244 | 0 | 25 | 32 | 8 | 4.9 | 65 | 59.2 |
| 105G_1987_3245 | 0 | 38 | 39 | 4 | 3.2 | 669 | 583.9 |
| 105G_1987_3246 | 0 | 30 | 30 | 2 | 0.5 | 88 | 87.2 |
| 105G_1987_3247 | 0 | 24 | 26 | 2 | 0.3 | 64 | 61.7 |
| 105G_1987_3248 | 0 | 53 | 58 | 16 | 5.1 | 367 | 350.8 |
| 105G_1987_3249 | 0 | 22 | 24 | 2 | 0.3 | 111 | 94.5 |
| 105G_1987_3251 | 0 | 19 | 21 | 2 | 1.6 | 94 | 86.7 |
| 105G_1987_3252 | 0 | 11 | 16 | 8 | 2.3 | 73 | 68.3 |
| 105G_1987_3253 | 0 | 10 | 19 | 8 | 4.1 | 37 | 39.6 |
| 105G_1987_3254 | 0 | 16 | 18 | 4 | 2.0 | 65 | 54.6 |
| 105G_1987_3255 | 0 | 10 | 14 | 12 | 3.6 | 89 | 84.3 |
| 105G_1987_3256 | 0 | 11 | 12 | 2 | 0.3 | 146 | 136.1 |
| 105G_1987_3257 | 0 | 28 | 27 | 4 | 0.3 | 103 | 94.9 |
| 105G_1987_3258 | 0 | 22 | 21 | 2 | 0.3 | 109 | 99.7 |
| 105G_1987_3259 | 0 | 17 | 13 | 2 | <0.1 | 108 | 98.5 |
| 105G_1987_3260 | 0 | 15 | 12 | 2 | 0.1 | 98 | 88.5 |
| 105G_1987_3262 | 1 | 16 | 11 | 2 | <0.1 | 92 | 79.3 |
| 105G_1987_3263 | 2 | 16 | 12 | 2 | <0.1 | 93 | 80.0 |
| 105G_1987_3264 | 0 | 22 | 21 | 2 | <0.1 | 75 | 73.5 |
| 105G_1987_3265 | 0 | 18 | 18 | 2 | <0.1 | 89 | 80.5 |
| 105G_1987_3266 | 0 | 23 | 22 | 2 | <0.1 | 141 | 125.9 |
| 105G_1987_3267 | 0 | 20 | 24 | 2 | 0.1 | 178 | 167.6 |
| 105G_1987_3268 | 0 | 21 | 19 | 10 | 5.5 | 52 | 52.7 |
| 105G_1987_3269 | 0 | 73 | 72 | 4 | 0.2 | 303 | 287.8 |

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| Unique ID | Rep Stat | Ag AAS ppm 0.2 | Ag ICP-MS ppb 2 | Al ICP-MS % 0.01 | As HY-AAS ppm 1 | As ICP-MS ppm 0.1 | Au FA-NA ppb 1 | Au_wt g 0.1 | Au1 FA-NA ppb 1 | Au1_wt g 0.1 | B ICP-MS ppm 1 | Ba DCP ppm 40 | Ba ICP-MS ppm 0.5 | Bi ICP-MS ppm 0.02 |
|----------------|----------|-------------------|--------------------|---------------------|--------------------|----------------------|-------------------|----------------|--------------------|-----------------|-------------------|------------------|----------------------|-----------------------|
| 105G_1987_3270 | 0 | <0.2 | 45 | 1.55 | 3 | 3.0 | <1 | 10.0 | | | <1 | 577 | 106.2 | 0.14 |
| 105G_1987_3271 | 0 | <0.2 | 302 | 1.24 | 10 | 3.3 | 6 | 10.0 | <1 | 10.0 | <1 | 1540 | 208.1 | 0.86 |
| 105G_1987_3272 | 0 | <0.2 | 139 | 1.33 | 7 | 6.8 | 1 | 10.0 | | | 2 | 1380 | 144.4 | 0.38 |
| 105G_1987_3273 | 0 | <0.2 | 317 | 1.94 | 6 | 7.0 | <1 | 10.0 | | | 2 | 1960 | 378.0 | 0.32 |
| 105G_1987_3274 | 0 | <0.2 | 50 | 1.17 | 3 | 3.2 | <1 | 10.0 | | | 1 | 674 | 101.7 | 0.18 |
| 105G_1987_3275 | 0 | <0.2 | 143 | 1.19 | 7 | 7.3 | <1 | 10.0 | | | 2 | 1043 | 131.3 | 0.24 |
| 105G_1987_3276 | 0 | <0.2 | 72 | 1.58 | 4 | 5.5 | <1 | 10.0 | | | 1 | 737 | 116.0 | 0.26 |
| 105G_1987_3277 | 0 | <0.2 | 215 | 2.19 | 13 | 13.2 | <1 | 10.0 | | | 2 | 1843 | 277.3 | 0.39 |
| 105G_1987_3278 | 0 | <0.2 | 103 | 1.64 | 7 | 8.2 | <1 | 10.0 | | | <1 | 1716 | 218.7 | 0.16 |
| 105G_1987_3279 | 0 | <0.2 | 119 | 1.82 | 132 | 27.7 | 1 | 10.0 | | | 3 | 1180 | 161.8 | 0.18 |
| 105G_1987_3282 | 1 | <0.2 | 106 | 0.92 | 8 | 7.2 | <1 | 10.0 | | | 1 | 799 | 79.7 | 0.11 |
| 105G_1987_3283 | 2 | <0.2 | 105 | 0.96 | 6 | 7.2 | <1 | 10.0 | | | 1 | 815 | 80.0 | 0.12 |
| 105G_1987_3284 | 0 | <0.2 | 293 | 1.19 | 3 | 3.2 | 46 | 10.0 | | | 1 | 1609 | 212.9 | 0.90 |
| 105G_1987_3285 | 0 | <0.2 | 64 | 0.97 | 2 | 2.8 | <1 | 10.0 | | | 1 | 722 | 52.9 | 2.40 |
| 105G_1987_3286 | 0 | <0.2 | 70 | 1.41 | 6 | 6.1 | <1 | 10.0 | | | 2 | 533 | 53.9 | 0.19 |
| 105G_1987_3288 | 0 | <0.2 | 207 | 1.39 | 3 | 1.5 | <1 | 10.0 | | | 1 | 831 | 164.5 | 0.14 |
| 105G_1987_3289 | 0 | <0.2 | 89 | 1.07 | 4 | 4.3 | 3 | 10.0 | | | 1 | 770 | 97.4 | 0.24 |
| 105G_1987_3290 | 0 | 0.2 | 210 | 1.81 | 3 | 4.1 | 1 | 10.0 | | | 1 | 968 | 151.0 | 0.46 |
| 105G_1987_3291 | 0 | <0.2 | 166 | 2.06 | 2 | 2.4 | <1 | 10.0 | | | 2 | 768 | 108.2 | 0.47 |
| 105G_1987_3292 | 0 | 0.2 | 184 | 2.08 | 35 | 25.4 | <1 | 10.0 | | | 3 | 738 | 58.0 | 1.42 |
| 105G_1987_3293 | 0 | <0.2 | 86 | 1.15 | 6 | 6.2 | <1 | 10.0 | | | 2 | 878 | 48.1 | 0.49 |
| 105G_1987_3294 | 0 | <0.2 | 163 | 1.41 | 32 | 23.0 | <1 | 10.0 | | | 4 | 1200 | 209.6 | 0.65 |
| 105G_1987_3295 | 0 | <0.2 | 53 | 1.06 | 3 | 3.2 | 1 | 10.0 | | | 2 | 718 | 50.6 | 1.11 |
| 105G_1987_3296 | 0 | <0.2 | 55 | 0.76 | 2 | 1.7 | <1 | 10.0 | | | 1 | 644 | 25.7 | 1.86 |
| 105G_1987_3297 | 0 | <0.2 | 56 | 1.09 | 7 | 6.1 | <1 | 10.0 | | | 1 | 635 | 32.9 | 0.65 |
| 105G_1987_3298 | 0 | <0.2 | 63 | 1.28 | 2 | 1.6 | <1 | 10.0 | | | 1 | 337 | 33.8 | 0.98 |
| 105G_1987_3299 | 0 | <0.2 | 71 | 1.49 | 10 | 7.4 | <1 | 10.0 | | | <1 | 486 | 40.2 | 0.85 |
| 105G_1987_3300 | 0 | <0.2 | 19 | 0.51 | 1 | 1.3 | <1 | 10.0 | | | 1 | 396 | 21.8 | 0.24 |
| 105G_1987_3302 | 1 | <0.2 | 22 | 1.05 | 5 | 5.0 | <1 | 10.0 | | | 1 | 354 | 35.2 | 0.57 |
| 105G_1987_3303 | 2 | <0.2 | 27 | 1.16 | 6 | 5.8 | 1 | 10.0 | | | 1 | 322 | 38.3 | 0.72 |
| 105G_1987_3304 | 0 | <0.2 | 88 | 3.62 | 30 | 22.2 | <1 | 10.0 | | | 2 | 470 | 56.3 | 0.59 |
| 105G_1987_3305 | 0 | <0.2 | 66 | 3.12 | 25 | 20.8 | <1 | 10.0 | | | 2 | 491 | 60.1 | 0.50 |
| 105G_1987_3306 | 0 | <0.2 | 64 | 2.49 | 15 | 14.4 | <1 | 10.0 | | | 3 | 569 | 59.4 | 0.36 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3270 | 0 | 0.57 | <0.2 | 0.20 | 14 | 12.4 | 36.6 | 17 | 11.88 | 580 | 3.04 | 2.80 | 5.0 | 10 | 12 |
| 105G_1987_3271 | 0 | 0.37 | 0.4 | 1.02 | 18 | 7.3 | 35.6 | 42 | 14.79 | 535 | 3.57 | 1.85 | 3.9 | 30 | 27 |
| 105G_1987_3272 | 0 | 0.52 | 0.4 | 0.69 | 14 | 14.2 | 33.0 | 51 | 41.43 | 525 | 2.95 | 2.92 | 4.7 | 25 | 14 |
| 105G_1987_3273 | 0 | 0.80 | 2.2 | 2.06 | 19 | 19.0 | 72.9 | 118 | 98.63 | 590 | 3.28 | 3.50 | 8.2 | 65 | 46 |
| 105G_1987_3274 | 0 | 0.51 | 0.5 | 0.59 | 13 | 13.3 | 37.4 | 22 | 18.87 | 425 | 2.56 | 2.47 | 4.2 | 30 | 20 |
| 105G_1987_3275 | 0 | 0.57 | 2.4 | 2.05 | 15 | 15.5 | 48.5 | 47 | 40.48 | 450 | 3.11 | 3.06 | 4.1 | 35 | 24 |
| 105G_1987_3276 | 0 | 0.73 | 0.2 | 0.20 | 18 | 17.6 | 44.7 | 35 | 27.78 | 390 | 3.07 | 3.32 | 5.2 | 30 | 29 |
| 105G_1987_3277 | 0 | 0.60 | 0.4 | 0.53 | 30 | 32.7 | 114.2 | 102 | 86.82 | 470 | 4.48 | 5.02 | 6.4 | 30 | 27 |
| 105G_1987_3278 | 0 | 0.50 | <0.2 | 0.28 | 20 | 20.2 | 79.4 | 52 | 40.82 | 455 | 3.58 | 3.76 | 5.0 | 35 | 17 |
| 105G_1987_3279 | 0 | 0.40 | <0.2 | 0.26 | 28 | 29.5 | 251.3 | 39 | 32.78 | 275 | 3.31 | 3.71 | 4.2 | 25 | 29 |
| 105G_1987_3282 | 1 | 0.30 | 0.4 | 0.39 | 14 | 13.2 | 131.6 | 35 | 25.91 | 215 | 2.11 | 2.05 | 2.4 | 25 | 12 |
| 105G_1987_3283 | 2 | 0.31 | 0.5 | 0.37 | 14 | 14.2 | 151.7 | 33 | 27.30 | 280 | 2.07 | 2.17 | 2.4 | 30 | 18 |
| 105G_1987_3284 | 0 | 0.38 | 1.1 | 0.98 | 7 | 7.1 | 34.7 | 18 | 15.04 | 540 | 1.90 | 1.86 | 3.9 | 30 | 22 |
| 105G_1987_3285 | 0 | 0.38 | <0.2 | 0.17 | 4 | 3.8 | 11.0 | 6 | 4.89 | 755 | 1.84 | 1.50 | 3.7 | 30 | 22 |
| 105G_1987_3286 | 0 | 0.42 | <0.2 | 0.24 | 18 | 17.9 | 49.4 | 29 | 23.80 | 250 | 2.50 | 2.43 | 3.5 | 25 | 10 |
| 105G_1987_3288 | 0 | 0.64 | 0.6 | 0.54 | 7 | 6.7 | 30.2 | 23 | 19.87 | 350 | 1.72 | 1.38 | 3.9 | 30 | 22 |
| 105G_1987_3289 | 0 | 0.29 | <0.2 | 0.31 | 8 | 7.2 | 28.6 | 18 | 14.62 | 260 | 2.05 | 1.74 | 3.7 | 15 | 9 |
| 105G_1987_3290 | 0 | 0.79 | 0.3 | 0.56 | 12 | 11.9 | 34.7 | 31 | 26.69 | 340 | 2.86 | 2.68 | 6.7 | 25 | 20 |
| 105G_1987_3291 | 0 | 0.65 | 0.5 | 0.45 | 11 | 10.9 | 25.6 | 23 | 21.89 | 290 | 2.72 | 2.69 | 7.1 | 20 | 23 |
| 105G_1987_3292 | 0 | 0.74 | 0.2 | 0.27 | 11 | 10.5 | 24.1 | 29 | 25.73 | 500 | 2.48 | 2.47 | 7.3 | 20 | 15 |
| 105G_1987_3293 | 0 | 0.49 | 0.3 | 0.34 | 5 | 4.3 | 9.3 | 13 | 11.65 | 540 | 1.86 | 1.44 | 4.5 | 20 | 30 |
| 105G_1987_3294 | 0 | 0.90 | 1.9 | 1.50 | 9 | 7.9 | 13.6 | 24 | 20.68 | 695 | 2.30 | 2.06 | 5.5 | 30 | 32 |
| 105G_1987_3295 | 0 | 0.37 | <0.2 | 0.15 | 4 | 3.3 | 5.0 | 8 | 6.06 | 345 | 1.72 | 1.37 | 5.2 | 15 | 18 |
| 105G_1987_3296 | 0 | 0.30 | <0.2 | 0.19 | 3 | 2.4 | 3.3 | 8 | 11.09 | 265 | 1.42 | 1.18 | 4.2 | 10 | 13 |
| 105G_1987_3297 | 0 | 0.46 | <0.2 | 0.16 | 5 | 4.0 | 6.4 | 6 | 5.03 | 490 | 1.79 | 1.55 | 5.5 | 15 | 14 |
| 105G_1987_3298 | 0 | 0.42 | 0.3 | 0.29 | 4 | 3.1 | 4.6 | 6 | 4.99 | 475 | 2.10 | 1.62 | 6.4 | 20 | 20 |
| 105G_1987_3299 | 0 | 0.60 | 0.3 | 0.26 | 8 | 6.4 | 10.2 | 14 | 11.43 | 450 | 2.04 | 1.73 | 6.1 | 15 | 13 |
| 105G_1987_3300 | 0 | 0.21 | <0.2 | 0.07 | 2 | 1.8 | 3.0 | 2 | 2.04 | 290 | 1.05 | 0.90 | 2.9 | <10 | 6 |
| 105G_1987_3302 | 1 | 0.40 | <0.2 | 0.12 | 3 | 2.9 | 5.0 | 5 | 4.59 | 440 | 1.41 | 1.34 | 4.8 | 15 | 12 |
| 105G_1987_3303 | 2 | 0.47 | <0.2 | 0.15 | 4 | 3.1 | 6.1 | 6 | 4.82 | 375 | 1.50 | 1.44 | 5.1 | <10 | 14 |
| 105G_1987_3304 | 0 | 1.51 | <0.2 | 0.24 | 15 | 14.3 | 40.4 | 38 | 32.81 | 300 | 3.09 | 3.05 | 10.7 | 15 | 14 |
| 105G_1987_3305 | 0 | 1.52 | <0.2 | 0.22 | 16 | 15.3 | 31.2 | 68 | 60.56 | 345 | 3.03 | 2.90 | 9.2 | <10 | 16 |
| 105G_1987_3306 | 0 | 1.79 | <0.2 | 0.16 | 19 | 18.8 | 31.1 | 49 | 43.22 | 505 | 3.75 | 3.81 | 7.1 | <10 | 9 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3270 | 0 | 0.43 | 21.8 | 4.2 | 1.00 | 373 | 460 | <2 | 1.10 | 0.006 | 20 | 17.7 | 0.148 | 14 | 9.22 |
| 105G_1987_3271 | 0 | 0.20 | 23.6 | 7.8 | 0.61 | 447 | 383 | 3 | 1.41 | 0.008 | 36 | 29.6 | 0.088 | 47 | 29.42 |
| 105G_1987_3272 | 0 | 0.47 | 30.2 | 3.0 | 0.88 | 485 | 643 | 2 | 1.57 | 0.005 | 24 | 24.0 | 0.148 | 28 | 22.91 |
| 105G_1987_3273 | 0 | 0.54 | 34.6 | 10.2 | 1.20 | 556 | 716 | 2 | 1.43 | 0.017 | 55 | 55.8 | 0.108 | 64 | 59.53 |
| 105G_1987_3274 | 0 | 0.19 | 25.5 | 3.9 | 0.78 | 376 | 498 | <2 | 0.93 | 0.006 | 26 | 26.9 | 0.136 | 11 | 9.51 |
| 105G_1987_3275 | 0 | 0.23 | 34.5 | 5.2 | 0.75 | 497 | 661 | <2 | 1.04 | 0.005 | 40 | 39.8 | 0.144 | 28 | 25.31 |
| 105G_1987_3276 | 0 | 0.19 | 36.0 | 9.6 | 0.99 | 443 | 586 | <2 | 0.85 | 0.007 | 38 | 36.3 | 0.137 | 13 | 10.45 |
| 105G_1987_3277 | 0 | 0.36 | 47.4 | 8.2 | 1.65 | 1065 | 1489 | 2 | 2.21 | 0.008 | 84 | 87.4 | 0.074 | 37 | 31.06 |
| 105G_1987_3278 | 0 | 0.28 | 17.8 | 4.8 | 1.40 | 528 | 720 | 2 | 1.60 | 0.005 | 72 | 70.9 | 0.113 | 19 | 14.89 |
| 105G_1987_3279 | 0 | 0.12 | 10.4 | 5.8 | 2.21 | 354 | 534 | <2 | 1.27 | 0.006 | 197 | 205.1 | 0.082 | 16 | 12.65 |
| 105G_1987_3282 | 1 | 0.03 | 9.2 | 3.6 | 0.86 | 326 | 390 | <2 | 1.04 | 0.003 | 92 | 91.8 | 0.076 | 11 | 8.12 |
| 105G_1987_3283 | 2 | 0.04 | 9.6 | 3.4 | 0.88 | 309 | 390 | <2 | 1.01 | 0.004 | 90 | 95.9 | 0.077 | 10 | 8.08 |
| 105G_1987_3284 | 0 | 0.19 | 23.4 | 6.4 | 0.61 | 277 | 379 | <2 | 1.42 | 0.008 | 30 | 29.6 | 0.092 | 33 | 29.53 |
| 105G_1987_3285 | 0 | 0.12 | 40.6 | 8.6 | 0.25 | 329 | 405 | <2 | 0.42 | 0.007 | 10 | 7.7 | 0.105 | 41 | 36.07 |
| 105G_1987_3286 | 0 | 0.08 | 12.4 | 3.4 | 1.61 | 325 | 440 | <2 | 1.01 | 0.006 | 82 | 78.4 | 0.055 | 12 | 8.54 |
| 105G_1987_3288 | 0 | 0.12 | 21.2 | 10.6 | 0.55 | 135 | 168 | <2 | 1.56 | 0.015 | 29 | 27.8 | 0.056 | 8 | 7.53 |
| 105G_1987_3289 | 0 | 0.16 | 16.0 | 2.2 | 0.54 | 213 | 291 | <2 | 1.05 | 0.012 | 24 | 22.8 | 0.056 | 10 | 7.73 |
| 105G_1987_3290 | 0 | 0.19 | 25.7 | 11.2 | 0.80 | 417 | 528 | <2 | 0.87 | 0.018 | 26 | 25.2 | 0.082 | 13 | 11.85 |
| 105G_1987_3291 | 0 | 0.17 | 22.5 | 7.3 | 0.85 | 430 | 575 | <2 | 0.57 | 0.013 | 18 | 17.8 | 0.070 | 11 | 10.17 |
| 105G_1987_3292 | 0 | 0.17 | 27.6 | 4.6 | 0.81 | 158 | 209 | <2 | 1.10 | 0.041 | 22 | 20.4 | 0.081 | 47 | 43.19 |
| 105G_1987_3293 | 0 | 0.06 | 53.9 | 6.8 | 0.32 | 249 | 297 | 3 | 3.94 | 0.010 | 8 | 6.6 | 0.082 | 7 | 6.76 |
| 105G_1987_3294 | 0 | 0.15 | 32.1 | 12.6 | 0.65 | 305 | 334 | <2 | 1.91 | 0.016 | 23 | 19.5 | 0.119 | 14 | 11.78 |
| 105G_1987_3295 | 0 | 0.13 | 32.5 | 5.4 | 0.21 | 244 | 275 | <2 | 1.71 | 0.008 | 5 | 4.3 | 0.081 | 14 | 11.92 |
| 105G_1987_3296 | 0 | 0.11 | 22.1 | 2.6 | 0.16 | 195 | 234 | <2 | 0.85 | 0.007 | 5 | 2.3 | 0.072 | 18 | 15.27 |
| 105G_1987_3297 | 0 | 0.13 | 40.9 | 5.0 | 0.25 | 270 | 314 | <2 | 1.39 | 0.009 | 6 | 4.4 | 0.095 | 17 | 14.36 |
| 105G_1987_3298 | 0 | 0.20 | 46.3 | 8.4 | 0.19 | 394 | 431 | <2 | 1.59 | 0.009 | 4 | 2.7 | 0.074 | 17 | 14.92 |
| 105G_1987_3299 | 0 | 0.17 | 45.5 | 4.8 | 0.35 | 338 | 368 | <2 | 1.35 | 0.018 | 11 | 8.1 | 0.083 | 22 | 19.26 |
| 105G_1987_3300 | 0 | 0.10 | 23.6 | 1.5 | 0.12 | 143 | 175 | <2 | 0.53 | 0.007 | 4 | 2.4 | 0.066 | 9 | 8.13 |
| 105G_1987_3302 | 1 | 0.15 | 30.2 | 3.8 | 0.17 | 273 | 332 | 2 | 4.63 | 0.010 | 5 | 3.5 | 0.068 | 29 | 26.95 |
| 105G_1987_3303 | 2 | 0.16 | 45.4 | 3.8 | 0.19 | 298 | 363 | 4 | 4.70 | 0.013 | 5 | 4.0 | 0.086 | 31 | 26.95 |
| 105G_1987_3304 | 0 | 0.21 | 14.9 | 11.8 | 1.15 | 229 | 292 | <2 | 0.30 | 0.161 | 32 | 29.9 | 0.049 | 25 | 21.74 |
| 105G_1987_3305 | 0 | 0.31 | 24.0 | 3.8 | 1.01 | 305 | 375 | <2 | 0.42 | 0.142 | 32 | 29.7 | 0.068 | 23 | 19.17 |
| 105G_1987_3306 | 0 | 0.19 | 17.3 | 3.0 | 1.17 | 411 | 467 | <2 | 0.34 | 0.084 | 37 | 37.1 | 0.057 | 20 | 16.42 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3270 | 0 | 0.02 | <0.2 | 0.05 | 3.6 | 0.4 | 1 | 18.9 | <0.02 | 6.3 | 0.112 | 0.25 | 2.9 | 5.0 |
| 105G_1987_3271 | 0 | 0.03 | 0.3 | 0.10 | 2.6 | 1.0 | 3 | 21.3 | <0.02 | 5.2 | 0.049 | 0.24 | 28.0 | 9.8 |
| 105G_1987_3272 | 0 | 0.05 | 0.3 | 0.15 | 3.5 | 0.5 | 1 | 17.1 | <0.02 | 8.2 | 0.134 | 0.26 | 1.3 | 5.2 |
| 105G_1987_3273 | 0 | 0.07 | 0.3 | 0.16 | 6.4 | 2.2 | 2 | 43.2 | 0.03 | 5.6 | 0.161 | 0.42 | 2.8 | 4.4 |
| 105G_1987_3274 | 0 | 0.07 | <0.2 | 0.09 | 3.6 | 0.3 | 2 | 21.6 | <0.02 | 6.7 | 0.062 | 0.15 | 3.6 | 4.5 |
| 105G_1987_3275 | 0 | 0.03 | 0.3 | 0.15 | 3.9 | 0.5 | 1 | 25.7 | <0.02 | 6.8 | 0.069 | 0.21 | 2.0 | 4.3 |
| 105G_1987_3276 | 0 | 0.07 | 0.3 | 0.15 | 3.9 | 0.7 | 3 | 35.0 | <0.02 | 7.2 | 0.046 | 0.15 | 4.6 | 6.0 |
| 105G_1987_3277 | 0 | 0.04 | 0.4 | 0.21 | 8.3 | 0.8 | 3 | 20.8 | 0.04 | 15.9 | 0.077 | 0.34 | 5.6 | 7.6 |
| 105G_1987_3278 | 0 | 0.03 | 0.2 | 0.05 | 5.3 | 0.7 | 1 | 18.0 | <0.02 | 5.3 | 0.107 | 0.22 | 2.1 | 3.1 |
| 105G_1987_3279 | 0 | 0.03 | 0.3 | 0.13 | 5.3 | 0.7 | 2 | 15.1 | <0.02 | 2.5 | 0.054 | 0.10 | 1.4 | 2.6 |
| 105G_1987_3282 | 1 | 0.01 | 0.2 | 0.07 | 2.7 | 0.7 | 2 | 11.5 | <0.02 | 1.9 | 0.026 | 0.05 | 1.0 | 2.3 |
| 105G_1987_3283 | 2 | <0.01 | 0.2 | 0.07 | 2.9 | 0.5 | 1 | 11.8 | 0.02 | 1.9 | 0.029 | 0.05 | 0.9 | 2.4 |
| 105G_1987_3284 | 0 | 0.02 | 0.2 | 0.11 | 2.5 | 0.9 | 1 | 20.8 | <0.02 | 4.8 | 0.047 | 0.24 | 26.5 | 28.5 |
| 105G_1987_3285 | 0 | 0.02 | 0.3 | 0.14 | 1.2 | 0.5 | 1 | 16.7 | <0.02 | 6.2 | 0.016 | 0.21 | 42.2 | 46.1 |
| 105G_1987_3286 | 0 | 0.01 | 0.2 | 0.13 | 2.4 | 0.4 | 1 | 23.5 | 0.04 | 4.3 | 0.054 | 0.06 | 5.3 | 7.1 |
| 105G_1987_3288 | 0 | 0.08 | 0.2 | 0.06 | 2.3 | 3.4 | 2 | 32.2 | <0.02 | 2.8 | 0.052 | 0.14 | 2.2 | 4.8 |
| 105G_1987_3289 | 0 | 0.01 | 0.2 | 0.08 | 2.7 | 0.4 | <1 | 13.6 | <0.02 | 5.3 | 0.069 | 0.15 | 2.9 | 5.0 |
| 105G_1987_3290 | 0 | 0.03 | 0.2 | 0.17 | 4.1 | 0.7 | 2 | 30.5 | 0.02 | 4.2 | 0.113 | 0.18 | 14.2 | 16.5 |
| 105G_1987_3291 | 0 | 0.03 | 0.2 | 0.08 | 4.3 | 0.8 | 3 | 27.3 | <0.02 | 4.5 | 0.133 | 0.15 | 23.6 | 24.4 |
| 105G_1987_3292 | 0 | 0.04 | 0.4 | 0.28 | 3.4 | 0.5 | 3 | 50.1 | <0.02 | 10.4 | 0.052 | 0.17 | 11.7 | 14.9 |
| 105G_1987_3293 | 0 | 0.04 | 0.2 | 0.17 | 2.3 | 0.6 | 3 | 28.1 | <0.02 | 7.5 | 0.022 | 0.11 | 35.9 | 39.0 |
| 105G_1987_3294 | 0 | 0.06 | 0.6 | 0.54 | 2.9 | 3.5 | 3 | 40.9 | 0.02 | 10.0 | 0.056 | 0.20 | 15.8 | 22.5 |
| 105G_1987_3295 | 0 | 0.02 | 0.2 | 0.09 | 1.8 | 0.4 | 2 | 21.0 | <0.02 | 13.0 | 0.026 | 0.21 | 59.2 | 74.0 |
| 105G_1987_3296 | 0 | 0.01 | <0.2 | 0.05 | 1.5 | 0.2 | 2 | 15.2 | <0.02 | 11.0 | 0.021 | 0.15 | 25.6 | 34.8 |
| 105G_1987_3297 | 0 | 0.03 | <0.2 | 0.11 | 2.2 | 0.5 | 3 | 23.0 | <0.02 | 14.1 | 0.029 | 0.18 | 63.1 | 72.3 |
| 105G_1987_3298 | 0 | 0.04 | <0.2 | 0.08 | 2.2 | 0.5 | 5 | 22.3 | <0.02 | 17.2 | 0.037 | 0.27 | 110.0 | 131.0 |
| 105G_1987_3299 | 0 | 0.03 | 0.3 | 0.14 | 2.9 | 0.4 | 4 | 36.5 | <0.02 | 18.1 | 0.036 | 0.21 | 38.9 | 49.4 |
| 105G_1987_3300 | 0 | <0.01 | <0.2 | 0.07 | 1.3 | 0.2 | 2 | 10.6 | <0.02 | 17.6 | 0.025 | 0.12 | 15.2 | 20.0 |
| 105G_1987_3302 | 1 | 0.01 | 0.2 | 0.13 | 2.0 | 0.2 | 4 | 18.7 | <0.02 | 25.8 | 0.038 | 0.21 | 62.3 | 72.5 |
| 105G_1987_3303 | 2 | 0.02 | 0.2 | 0.13 | 2.2 | 0.5 | 8 | 21.6 | <0.02 | 29.8 | 0.043 | 0.22 | 65.1 | 90.0 |
| 105G_1987_3304 | 0 | 0.07 | 1.0 | 0.74 | 4.5 | 0.9 | 4 | 122.7 | <0.02 | 6.0 | 0.084 | 0.21 | 2.9 | 5.5 |
| 105G_1987_3305 | 0 | 0.04 | 1.1 | 0.62 | 3.9 | 0.3 | 2 | 98.3 | <0.02 | 14.3 | 0.076 | 0.19 | 10.8 | 15.3 |
| 105G_1987_3306 | 0 | 0.03 | 1.6 | 0.92 | 4.2 | 0.2 | 4 | 87.0 | <0.02 | 9.1 | 0.034 | 0.11 | 0.6 | 3.1 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3270 | 0 | 61 | 49 | 2 | 0.8 | 84 | 70.3 |
| 105G_1987_3271 | 0 | 62 | 30 | 2 | 0.9 | 285 | 142.7 |
| 105G_1987_3272 | 0 | 48 | 38 | 2 | 0.1 | 204 | 181.2 |
| 105G_1987_3273 | 0 | 95 | 87 | 2 | 0.4 | 666 | 608.5 |
| 105G_1987_3274 | 0 | 35 | 36 | 2 | 0.6 | 196 | 190.8 |
| 105G_1987_3275 | 0 | 37 | 37 | 2 | 1.1 | 969 | 915.3 |
| 105G_1987_3276 | 0 | 44 | 42 | 2 | 0.8 | 98 | 84.3 |
| 105G_1987_3277 | 0 | 83 | 85 | 2 | <0.1 | 176 | 158.2 |
| 105G_1987_3278 | 0 | 72 | 64 | 2 | <0.1 | 128 | 113.1 |
| 105G_1987_3279 | 0 | 64 | 63 | 2 | 0.2 | 79 | 74.4 |
| 105G_1987_3282 | 1 | 32 | 33 | 2 | 0.3 | 76 | 70.5 |
| 105G_1987_3283 | 2 | 36 | 36 | 2 | 0.7 | 74 | 71.9 |
| 105G_1987_3284 | 0 | 32 | 29 | 8 | 3.2 | 145 | 139.9 |
| 105G_1987_3285 | 0 | 17 | 14 | 2 | 0.2 | 89 | 80.7 |
| 105G_1987_3286 | 0 | 38 | 37 | 2 | 0.9 | 64 | 60.3 |
| 105G_1987_3288 | 0 | 32 | 28 | 2 | 0.1 | 71 | 69.3 |
| 105G_1987_3289 | 0 | 36 | 32 | 2 | 0.8 | 62 | 59.0 |
| 105G_1987_3290 | 0 | 49 | 45 | 2 | 0.5 | 108 | 92.5 |
| 105G_1987_3291 | 0 | 52 | 54 | 8 | 0.8 | 78 | 76.2 |
| 105G_1987_3292 | 0 | 25 | 26 | 2 | 3.4 | 157 | 139.8 |
| 105G_1987_3293 | 0 | 18 | 21 | 8 | 3.7 | 55 | 52.2 |
| 105G_1987_3294 | 0 | 45 | 45 | 4 | 3.9 | 200 | 171.9 |
| 105G_1987_3295 | 0 | 12 | 13 | 4 | 5.6 | 61 | 54.8 |
| 105G_1987_3296 | 0 | 8 | 9 | 8 | 1.9 | 59 | 54.6 |
| 105G_1987_3297 | 0 | 13 | 14 | 2 | 2.1 | 59 | 55.0 |
| 105G_1987_3298 | 0 | 5 | 12 | 2 | 1.1 | 92 | 87.8 |
| 105G_1987_3299 | 0 | 18 | 17 | 4 | 3.8 | 93 | 78.6 |
| 105G_1987_3300 | 0 | 7 | 8 | 2 | 0.9 | 27 | 27.7 |
| 105G_1987_3302 | 1 | 12 | 14 | 4 | 6.2 | 57 | 53.9 |
| 105G_1987_3303 | 2 | 12 | 16 | 8 | 4.3 | 60 | 56.0 |
| 105G_1987_3304 | 0 | 40 | 34 | 2 | 0.3 | 125 | 107.1 |
| 105G_1987_3305 | 0 | 31 | 27 | 4 | 0.9 | 89 | 82.4 |
| 105G_1987_3306 | 0 | 26 | 22 | 2 | <0.1 | 93 | 84.2 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3307 | 0 | <0.2 | 39 | 2.99 | 15 | 14.1 | <1 | 10.0 | | | 3 | 523 | 47.3 | 0.27 |
| 105G_1987_3308 | 0 | <0.2 | 78 | 2.53 | 23 | 18.3 | <1 | 10.0 | | | 3 | 628 | 53.8 | 0.95 |
| 105G_1987_3309 | 0 | <0.2 | 31 | 1.65 | 9 | 10.0 | <1 | 10.0 | | | <1 | 630 | 36.2 | 0.26 |
| 105G_1987_3311 | 0 | 0.3 | 224 | 1.59 | 4 | 4.5 | <1 | 10.0 | | | <1 | 1033 | 57.0 | 0.93 |
| 105G_1987_3312 | 0 | 0.2 | 140 | 1.57 | <1 | 0.6 | <1 | 10.0 | | | <1 | 825 | 101.7 | 0.39 |
| 105G_1987_3313 | 0 | <0.2 | 54 | 1.87 | 18 | 14.9 | <1 | 10.0 | | | 2 | 845 | 80.6 | 0.18 |
| 105G_1987_3314 | 0 | 0.2 | 264 | 1.41 | 2 | 1.7 | 17 | 10.0 | 18 | 10.0 | <1 | 1709 | 130.5 | 0.44 |
| 105G_1987_3315 | 0 | 0.2 | 131 | 1.02 | 2 | 2.1 | <1 | 10.0 | | | 2 | 1247 | 89.4 | 0.28 |
| 105G_1987_3316 | 0 | <0.2 | 57 | 2.14 | 3 | 2.8 | <1 | 10.0 | | | <1 | 610 | 64.6 | 0.25 |
| 105G_1987_3317 | 0 | <0.2 | 55 | 3.08 | 11 | 10.4 | <1 | 10.0 | | | 1 | 502 | 39.3 | 0.43 |
| 105G_1987_3318 | 0 | <0.2 | 141 | 2.68 | 20 | 20.1 | <1 | 10.0 | | | 1 | 1430 | 102.7 | 0.21 |
| 105G_1987_3319 | 0 | <0.2 | 41 | 1.86 | 1 | 1.0 | <1 | 10.0 | | | <1 | 530 | 45.7 | 0.25 |
| 105G_1987_3320 | 0 | <0.2 | 132 | 2.54 | 30 | 22.9 | <1 | 10.0 | | | 1 | 1527 | 123.9 | 0.24 |
| 105G_1987_3322 | 1 | <0.2 | 29 | 4.12 | 30 | 23.5 | <1 | 10.0 | | | 2 | 424 | 82.7 | 0.30 |
| 105G_1987_3323 | 2 | <0.2 | 29 | 4.41 | 35 | 23.9 | <1 | 10.0 | | | 2 | 384 | 83.4 | 0.29 |
| 105G_1987_3324 | 0 | <0.2 | 38 | 3.11 | 55 | 32.6 | <1 | 10.0 | | | 2 | 202 | 19.0 | 0.66 |
| 105G_1987_3325 | 0 | 0.3 | 238 | 0.62 | 18 | 16.0 | 3 | 10.0 | 6 | 10.0 | 1 | 2192 | 165.5 | 0.18 |
| 105G_1987_3326 | 0 | <0.2 | 52 | 3.21 | 45 | 30.7 | <1 | 10.0 | | | 1 | 408 | 63.6 | 0.59 |
| 105G_1987_3327 | 0 | <0.2 | 113 | 2.02 | 7 | 6.7 | <1 | 10.0 | | | 5 | 483 | 56.3 | 0.17 |
| 105G_1987_3328 | 0 | <0.2 | 58 | 3.31 | 40 | 31.0 | <1 | 10.0 | | | 2 | 1092 | 119.5 | 0.36 |
| 105G_1987_3329 | 0 | 0.2 | 80 | 1.59 | 40 | 36.0 | | | | | 2 | 1262 | 225.5 | 0.29 |
| 105G_1987_3331 | 0 | 0.2 | 179 | 0.40 | 20 | 23.2 | 4 | 10.0 | | | 3 | 2382 | 394.8 | 0.15 |
| 105G_1987_3332 | 0 | 0.3 | 231 | 1.37 | 10 | 9.9 | <1 | 10.0 | | | 3 | 1082 | 175.1 | 0.38 |
| 105G_1987_3333 | 0 | 0.3 | 332 | 0.27 | 45 | 29.0 | <1 | 10.0 | | | 2 | 3122 | 311.0 | 0.15 |
| 105G_1987_3334 | 0 | 0.2 | 214 | 0.16 | 9 | 8.2 | <1 | 10.0 | | | 1 | 1392 | 109.7 | 0.09 |
| 105G_1987_3335 | 0 | 0.2 | 266 | 0.17 | 9 | 8.2 | <1 | 10.0 | | | 3 | 11452 | 449.0 | 0.09 |
| 105G_1987_3336 | 0 | 0.3 | 232 | 0.21 | 17 | 14.2 | <1 | 10.0 | | | 1 | 930 | 124.1 | 0.11 |
| 105G_1987_3337 | 0 | 0.6 | 536 | 0.20 | 30 | 22.1 | <1 | 10.0 | | | 3 | 1332 | 94.2 | 0.14 |
| 105G_1987_3338 | 0 | <0.2 | 51 | 1.61 | 2 | 2.2 | <1 | 10.0 | | | 1 | 595 | 66.1 | 0.35 |
| 105G_1987_3339 | 0 | <0.2 | 59 | 1.85 | 1 | 1.5 | <1 | 10.0 | | | 1 | 734 | 43.6 | 0.36 |
| 105G_1987_3340 | 0 | <0.2 | 46 | 1.52 | 1 | 1.7 | <1 | 10.0 | | | 2 | 444 | 43.7 | 0.32 |
| 105G_1987_3342 | 1 | 0.2 | 182 | 1.44 | 7 | 6.3 | 5 | 10.0 | 2 | 10.0 | 1 | 1497 | 238.5 | 0.20 |
| 105G_1987_3343 | 2 | <0.2 | 152 | 1.29 | 6 | 5.6 | 3 | 10.0 | 2 | 5.0 | 2 | 1662 | 230.7 | 0.19 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3307 | 0 | 1.04 | <0.2 | 0.11 | 18 | 17.4 | 36.7 | 34 | 31.13 | 535 | 3.79 | 3.98 | 8.2 | <10 | 7 |
| 105G_1987_3308 | 0 | 0.94 | 0.4 | 0.41 | 14 | 13.3 | 28.1 | 25 | 24.11 | 500 | 3.28 | 3.49 | 8.3 | <10 | 12 |
| 105G_1987_3309 | 0 | 0.47 | <0.2 | 0.22 | 6 | 5.0 | 9.1 | 6 | 4.84 | 600 | 2.43 | 2.30 | 10.2 | <10 | 13 |
| 105G_1987_3311 | 0 | 0.42 | 0.3 | 0.22 | 8 | 7.0 | 28.0 | 22 | 20.01 | 440 | 2.25 | 2.05 | 6.5 | 15 | 13 |
| 105G_1987_3312 | 0 | 0.51 | 0.4 | 0.45 | 13 | 11.2 | 51.1 | 47 | 40.75 | 345 | 2.37 | 2.10 | 5.1 | <10 | 15 |
| 105G_1987_3313 | 0 | 0.74 | 0.3 | 0.39 | 10 | 8.6 | 24.5 | 15 | 13.69 | 300 | 2.40 | 2.10 | 6.4 | <10 | 14 |
| 105G_1987_3314 | 0 | 0.51 | 0.6 | 0.55 | 13 | 11.2 | 30.6 | 39 | 35.19 | 280 | 2.45 | 2.35 | 5.3 | 20 | 28 |
| 105G_1987_3315 | 0 | 0.47 | 0.2 | 0.24 | 8 | 8.0 | 32.1 | 32 | 30.35 | 330 | 1.80 | 1.70 | 3.7 | 10 | 6 |
| 105G_1987_3316 | 0 | 0.97 | <0.2 | 0.16 | 17 | 17.4 | 53.8 | 45 | 40.19 | 315 | 3.25 | 3.19 | 7.4 | 15 | 8 |
| 105G_1987_3317 | 0 | 1.73 | <0.2 | 0.08 | 21 | 20.5 | 46.8 | 36 | 35.04 | 390 | 3.27 | 3.84 | 10.1 | 10 | 8 |
| 105G_1987_3318 | 0 | 3.35 | 0.5 | 0.51 | 16 | 15.0 | 29.0 | 26 | 22.82 | 615 | 3.19 | 3.33 | 7.3 | 20 | 18 |
| 105G_1987_3319 | 0 | 0.63 | <0.2 | 0.08 | 16 | 15.2 | 40.6 | 33 | 28.99 | 365 | 3.07 | 3.06 | 6.1 | 15 | 10 |
| 105G_1987_3320 | 0 | 2.18 | 0.7 | 0.80 | 15 | 14.2 | 25.5 | 29 | 26.75 | 780 | 2.98 | 2.89 | 6.9 | 20 | 32 |
| 105G_1987_3322 | 1 | 2.86 | <0.2 | 0.07 | 17 | 15.8 | 38.5 | 31 | 28.45 | 555 | 3.01 | 2.89 | 11.3 | <10 | 11 |
| 105G_1987_3323 | 2 | 2.54 | <0.2 | 0.07 | 17 | 15.7 | 38.9 | 32 | 27.18 | 610 | 3.16 | 2.94 | 11.8 | <10 | 9 |
| 105G_1987_3324 | 0 | 1.83 | <0.2 | 0.09 | 8 | 7.4 | 17.0 | 19 | 17.14 | 420 | 1.75 | 1.78 | 11.0 | 10 | 17 |
| 105G_1987_3325 | 0 | 3.29 | 1.8 | 1.45 | 12 | 12.0 | 9.6 | 26 | 23.73 | 690 | 1.80 | 2.34 | 1.5 | 20 | 47 |
| 105G_1987_3326 | 0 | 1.36 | <0.2 | 0.14 | 11 | 9.9 | 27.2 | 22 | 19.14 | 400 | 2.59 | 2.30 | 9.6 | 20 | 23 |
| 105G_1987_3327 | 0 | 2.51 | <0.2 | 0.14 | 11 | 10.6 | 23.5 | 45 | 37.38 | 415 | 2.34 | 2.28 | 4.9 | 60 | 51 |
| 105G_1987_3328 | 0 | 2.19 | <0.2 | 0.30 | 17 | 17.0 | 38.0 | 30 | 26.73 | 470 | 3.31 | 3.29 | 9.4 | 25 | 21 |
| 105G_1987_3329 | 0 | 5.96 | 0.3 | 0.41 | 13 | 13.8 | 21.2 | 26 | 23.33 | 460 | 2.26 | 3.28 | 4.2 | 20 | 20 |
| 105G_1987_3331 | 0 | 2.47 | 1.5 | 1.25 | 8 | 7.6 | 6.1 | 18 | 14.86 | 570 | 1.50 | 1.99 | 1.1 | 50 | 49 |
| 105G_1987_3332 | 0 | 0.93 | 1.1 | 0.94 | 16 | 15.7 | 51.6 | 16 | 12.90 | 425 | 2.88 | 2.85 | 4.8 | 30 | 43 |
| 105G_1987_3333 | 0 | 3.89 | 2.8 | 2.41 | 8 | 8.0 | 5.7 | 29 | 23.97 | 820 | 1.40 | 1.91 | 0.6 | 70 | 76 |
| 105G_1987_3334 | 0 | 6.02 | 2.0 | 1.58 | 5 | 5.4 | 4.0 | 17 | 14.44 | 495 | 1.19 | 1.30 | 0.4 | 25 | 26 |
| 105G_1987_3335 | 0 | 6.59 | 2.8 | 2.29 | 4 | 4.4 | 4.9 | 19 | 16.40 | 760 | 1.05 | 1.15 | 0.4 | 50 | 48 |
| 105G_1987_3336 | 0 | 5.93 | 2.5 | 1.88 | 7 | 6.4 | 4.2 | 17 | 13.84 | 630 | 1.36 | 1.44 | 0.5 | 25 | 18 |
| 105G_1987_3337 | 0 | 2.75 | 4.4 | 3.50 | 8 | 7.3 | 4.8 | 30 | 26.69 | 950 | 1.46 | 1.92 | 0.5 | 30 | 36 |
| 105G_1987_3338 | 0 | 0.61 | <0.2 | 0.17 | 15 | 14.2 | 41.0 | 37 | 31.73 | 455 | 3.08 | 3.00 | 5.6 | 15 | 16 |
| 105G_1987_3339 | 0 | 0.61 | <0.2 | 0.14 | 23 | 22.3 | 32.2 | 50 | 43.62 | 300 | 3.70 | 3.57 | 6.6 | 10 | 12 |
| 105G_1987_3340 | 0 | 0.55 | <0.2 | 0.15 | 17 | 16.5 | 29.4 | 30 | 26.55 | 330 | 3.20 | 3.21 | 5.0 | <10 | 8 |
| 105G_1987_3342 | 1 | 0.65 | 0.8 | 0.74 | 17 | 17.4 | 58.9 | 74 | 66.34 | 400 | 2.86 | 3.04 | 4.4 | 25 | 29 |
| 105G_1987_3343 | 2 | 0.64 | 0.6 | 0.66 | 16 | 15.7 | 51.7 | 66 | 58.64 | 390 | 2.58 | 2.75 | 4.1 | 20 | 29 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3307 | 0 | 0.21 | 22.4 | 3.4 | 1.38 | 311 | 411 | <2 | 0.43 | 0.082 | 40 | 41.9 | 0.054 | 16 | 14.12 |
| 105G_1987_3308 | 0 | 0.19 | 26.8 | 3.6 | 1.01 | 424 | 551 | <2 | 0.85 | 0.084 | 30 | 28.6 | 0.086 | 26 | 23.06 |
| 105G_1987_3309 | 0 | 0.19 | 43.4 | 7.0 | 0.37 | 205 | 285 | 3 | 3.90 | 0.025 | 6 | 4.7 | 0.099 | 31 | 28.49 |
| 105G_1987_3311 | 0 | 0.09 | 27.2 | 5.6 | 0.71 | 200 | 258 | <2 | 0.94 | 0.014 | 19 | 17.8 | 0.072 | 45 | 40.18 |
| 105G_1987_3312 | 0 | 0.16 | 14.0 | 4.2 | 0.87 | 226 | 289 | <2 | 1.29 | 0.015 | 39 | 35.6 | 0.070 | 11 | 8.95 |
| 105G_1987_3313 | 0 | 0.17 | 25.4 | 3.0 | 0.77 | 235 | 295 | <2 | 0.75 | 0.087 | 21 | 18.3 | 0.071 | 16 | 13.07 |
| 105G_1987_3314 | 0 | 0.16 | 24.5 | 5.8 | 0.83 | 339 | 414 | <2 | 1.25 | 0.009 | 26 | 24.1 | 0.108 | 19 | 16.16 |
| 105G_1987_3315 | 0 | 0.14 | 13.6 | 1.2 | 0.66 | 161 | 215 | <2 | 0.96 | 0.013 | 27 | 24.8 | 0.102 | 11 | 10.04 |
| 105G_1987_3316 | 0 | 0.17 | 22.8 | 3.4 | 1.06 | 257 | 346 | <2 | 0.63 | 0.034 | 43 | 42.0 | 0.087 | 12 | 10.37 |
| 105G_1987_3317 | 0 | 0.17 | 29.5 | 4.4 | 1.07 | 303 | 402 | <2 | 0.27 | 0.019 | 45 | 45.0 | 0.085 | 15 | 16.49 |
| 105G_1987_3318 | 0 | 0.26 | 18.6 | 4.0 | 1.23 | 358 | 403 | <2 | 1.43 | 0.179 | 35 | 31.1 | 0.090 | 17 | 13.75 |
| 105G_1987_3319 | 0 | 0.15 | 27.7 | 5.4 | 0.91 | 246 | 340 | <2 | 0.28 | 0.017 | 42 | 38.7 | 0.087 | 11 | 9.41 |
| 105G_1987_3320 | 0 | 0.24 | 17.1 | 3.0 | 0.88 | 310 | 359 | 4 | 4.42 | 0.170 | 38 | 35.9 | 0.087 | 18 | 14.11 |
| 105G_1987_3322 | 1 | 0.37 | 8.5 | 4.2 | 1.29 | 315 | 368 | <2 | 0.16 | 0.282 | 32 | 27.4 | 0.062 | 23 | 13.61 |
| 105G_1987_3323 | 2 | 0.37 | 8.7 | 5.0 | 1.33 | 303 | 368 | <2 | 0.17 | 0.298 | 31 | 27.3 | 0.060 | 16 | 13.79 |
| 105G_1987_3324 | 0 | 0.19 | 13.2 | 7.8 | 0.46 | 341 | 404 | <2 | 0.57 | 0.031 | 17 | 14.2 | 0.044 | 14 | 13.66 |
| 105G_1987_3325 | 0 | 0.10 | 21.7 | 5.2 | 0.54 | 237 | 262 | 10 | 8.84 | 0.020 | 47 | 44.3 | 0.108 | 16 | 11.95 |
| 105G_1987_3326 | 0 | 0.28 | 12.9 | 8.0 | 0.79 | 310 | 376 | <2 | 0.66 | 0.113 | 23 | 19.2 | 0.046 | 14 | 12.27 |
| 105G_1987_3327 | 0 | 0.13 | 19.3 | 26.4 | 0.98 | 246 | 265 | <2 | 0.51 | 0.063 | 32 | 27.6 | 0.070 | 13 | 10.58 |
| 105G_1987_3328 | 0 | 0.21 | 11.9 | 6.8 | 1.31 | 447 | 555 | 2 | 1.35 | 0.187 | 34 | 32.7 | 0.075 | 19 | 15.89 |
| 105G_1987_3329 | 0 | 0.18 | 8.2 | 3.0 | 1.20 | 363 | 414 | 3 | 1.90 | 0.051 | 33 | 31.3 | 0.065 | 18 | 13.83 |
| 105G_1987_3331 | 0 | 0.10 | 11.5 | 5.6 | 0.72 | 507 | 541 | 8 | 7.09 | 0.008 | 34 | 28.4 | 0.091 | 16 | 10.66 |
| 105G_1987_3332 | 0 | 0.16 | 21.2 | 13.2 | 0.93 | 1103 | 1161 | <2 | 0.48 | 0.011 | 134 | 118.6 | 0.102 | 17 | 15.17 |
| 105G_1987_3333 | 0 | 0.06 | 12.1 | 2.8 | 1.13 | 172 | 205 | 16 | 14.12 | 0.003 | 50 | 47.0 | 0.095 | 17 | 13.54 |
| 105G_1987_3334 | 0 | 0.04 | 7.6 | <1.0 | 1.78 | 119 | 161 | 7 | 5.42 | 0.002 | 27 | 24.0 | 0.067 | 13 | 9.44 |
| 105G_1987_3335 | 0 | 0.07 | 7.4 | 3.2 | 2.12 | 120 | 155 | 9 | 7.19 | 0.003 | 34 | 32.2 | 0.073 | 16 | 9.02 |
| 105G_1987_3336 | 0 | 0.07 | 9.4 | 2.0 | 2.48 | 138 | 171 | 7 | 5.45 | 0.006 | 32 | 27.5 | 0.058 | 15 | 10.65 |
| 105G_1987_3337 | 0 | 0.05 | 9.6 | 3.0 | 0.91 | 138 | 161 | 17 | 14.55 | 0.003 | 69 | 60.6 | 0.093 | 17 | 11.88 |
| 105G_1987_3338 | 0 | 0.17 | 36.6 | 3.0 | 0.81 | 271 | 386 | <2 | 0.45 | 0.032 | 41 | 37.6 | 0.136 | 12 | 9.68 |
| 105G_1987_3339 | 0 | 0.25 | 59.3 | 2.6 | 0.94 | 272 | 359 | <2 | 0.29 | 0.023 | 57 | 50.6 | 0.106 | 14 | 11.06 |
| 105G_1987_3340 | 0 | 0.13 | 42.9 | 3.4 | 0.73 | 300 | 422 | <2 | 0.38 | 0.018 | 41 | 36.3 | 0.130 | 16 | 13.07 |
| 105G_1987_3342 | 1 | 0.24 | 23.8 | 7.9 | 1.08 | 631 | 780 | <2 | 0.99 | 0.007 | 49 | 48.0 | 0.116 | 20 | 16.66 |
| 105G_1987_3343 | 2 | 0.22 | 21.8 | 5.8 | 0.96 | 603 | 752 | <2 | 0.98 | 0.010 | 44 | 42.2 | 0.131 | 18 | 15.21 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3307 | 0 | 0.01 | 1.4 | 0.93 | 3.5 | 0.3 | 2 | 66.4 | <0.02 | 10.0 | 0.040 | 0.12 | 2.0 | 4.7 |
| 105G_1987_3308 | 0 | 0.02 | 1.0 | 0.76 | 3.7 | 0.3 | 9 | 55.4 | <0.02 | 17.8 | 0.052 | 0.17 | 14.1 | 28.6 |
| 105G_1987_3309 | 0 | 0.04 | 0.2 | 0.17 | 3.5 | 0.4 | 2 | 16.7 | <0.02 | 19.1 | 0.051 | 0.29 | 63.2 | 74.3 |
| 105G_1987_3311 | 0 | 0.02 | 0.4 | 0.24 | 2.6 | 0.8 | 2 | 22.5 | <0.02 | 6.2 | 0.041 | 0.12 | 23.9 | 27.1 |
| 105G_1987_3312 | 0 | 0.01 | <0.2 | 0.05 | 4.0 | 0.9 | 3 | 22.0 | 0.02 | 3.7 | 0.093 | 0.15 | 6.3 | 8.4 |
| 105G_1987_3313 | 0 | <0.01 | 1.0 | 0.59 | 3.3 | 0.4 | 1 | 54.6 | <0.02 | 12.3 | 0.061 | 0.11 | 2.4 | 6.4 |
| 105G_1987_3314 | 0 | 0.06 | 0.2 | 0.14 | 3.5 | 0.8 | 3 | 18.9 | <0.02 | 4.1 | 0.080 | 0.18 | 4.5 | 6.7 |
| 105G_1987_3315 | 0 | 0.03 | 0.2 | 0.07 | 3.0 | 0.4 | <1 | 27.3 | 0.02 | 4.5 | 0.064 | 0.11 | 1.4 | 3.1 |
| 105G_1987_3316 | 0 | 0.02 | <0.2 | 0.03 | 5.1 | 0.5 | 2 | 146.7 | 0.02 | 6.4 | 0.094 | 0.12 | 1.3 | 3.0 |
| 105G_1987_3317 | 0 | 0.06 | 0.2 | 0.03 | 5.1 | 0.4 | 3 | 282.8 | 0.02 | 8.3 | 0.107 | 0.13 | 1.5 | 4.2 |
| 105G_1987_3318 | 0 | 0.04 | 2.8 | 2.01 | 4.2 | 0.5 | 4 | 168.9 | <0.02 | 7.1 | 0.072 | 0.13 | 0.9 | 3.3 |
| 105G_1987_3319 | 0 | 0.02 | <0.2 | 0.03 | 3.6 | 0.3 | 2 | 66.4 | 0.02 | 6.0 | 0.070 | 0.14 | 3.2 | 5.8 |
| 105G_1987_3320 | 0 | 0.03 | 3.8 | 2.50 | 3.8 | 0.5 | 4 | 125.8 | <0.02 | 6.4 | 0.063 | 0.14 | 1.1 | 3.9 |
| 105G_1987_3322 | 1 | 0.04 | 2.5 | 1.45 | 4.8 | 0.2 | 2 | 191.2 | 0.02 | 6.1 | 0.115 | 0.17 | 0.5 | 2.5 |
| 105G_1987_3323 | 2 | 0.03 | 2.3 | 1.19 | 4.9 | 0.3 | 3 | 187.5 | <0.02 | 6.2 | 0.121 | 0.18 | 0.6 | 2.7 |
| 105G_1987_3324 | 0 | 0.04 | 0.5 | 0.28 | 3.0 | 0.5 | 2 | 78.2 | <0.02 | 8.9 | 0.065 | 0.21 | 58.1 | 73.3 |
| 105G_1987_3325 | 0 | 0.04 | 5.5 | 3.97 | 2.2 | 1.0 | 36 | 110.4 | 0.03 | 5.4 | 0.009 | 0.11 | 1.7 | 7.5 |
| 105G_1987_3326 | 0 | 0.05 | 1.2 | 0.68 | 4.1 | 0.6 | <1 | 85.2 | <0.02 | 6.7 | 0.101 | 0.22 | 15.5 | 22.1 |
| 105G_1987_3327 | 0 | 0.13 | 0.9 | 1.39 | 5.3 | 1.3 | 5 | 93.9 | <0.02 | 3.3 | 0.027 | 0.09 | 0.8 | 2.7 |
| 105G_1987_3328 | 0 | 0.03 | 1.6 | 1.11 | 5.3 | 0.4 | 3 | 143.4 | <0.02 | 6.7 | 0.073 | 0.15 | 1.1 | 3.4 |
| 105G_1987_3329 | 0 | 0.10 | 2.5 | 1.66 | 4.2 | 0.5 | 7 | 164.4 | 0.02 | 7.1 | 0.005 | 0.09 | 1.0 | 3.1 |
| 105G_1987_3331 | 0 | 0.04 | 5.5 | 3.88 | 2.2 | 1.0 | 5 | 82.8 | 0.03 | 3.3 | 0.003 | 0.13 | 1.5 | 4.9 |
| 105G_1987_3332 | 0 | 0.06 | <0.2 | 0.11 | 3.2 | 1.6 | <1 | 45.1 | <0.02 | 3.7 | 0.050 | 0.18 | 1.3 | 3.0 |
| 105G_1987_3333 | 0 | 0.04 | 6.5 | 5.75 | 2.5 | 1.2 | 7 | 123.9 | 0.03 | 3.4 | 0.003 | 0.20 | 1.9 | 6.4 |
| 105G_1987_3334 | 0 | 0.03 | 2.6 | 2.63 | 1.3 | 0.9 | 7 | 97.7 | 0.02 | 3.2 | 0.002 | 0.11 | 1.2 | 3.6 |
| 105G_1987_3335 | 0 | 0.04 | 2.7 | 2.73 | 1.4 | 0.9 | 9 | 85.5 | 0.02 | 2.2 | 0.002 | 0.15 | 1.1 | 3.9 |
| 105G_1987_3336 | 0 | 0.06 | 5.5 | 4.13 | 1.3 | 1.1 | 12 | 63.3 | <0.02 | 3.0 | 0.002 | 0.06 | 1.0 | 3.4 |
| 105G_1987_3337 | 0 | 0.04 | 8.0 | 6.06 | 1.6 | 1.9 | 5 | 67.6 | 0.04 | 3.0 | 0.002 | 0.15 | 1.4 | 4.9 |
| 105G_1987_3338 | 0 | 0.01 | <0.2 | 0.15 | 4.8 | 0.3 | 1 | 37.9 | <0.02 | 9.5 | 0.067 | 0.10 | 2.0 | 5.6 |
| 105G_1987_3339 | 0 | 0.02 | <0.2 | 0.06 | 3.8 | 0.2 | <1 | 57.9 | 0.03 | 14.1 | 0.070 | 0.23 | 2.9 | 5.3 |
| 105G_1987_3340 | 0 | <0.01 | <0.2 | 0.15 | 3.7 | 0.3 | 1 | 48.2 | <0.02 | 9.9 | 0.035 | 0.09 | 2.3 | 5.8 |
| 105G_1987_3342 | 1 | 0.01 | <0.2 | 0.12 | 5.0 | 1.5 | <1 | 25.0 | 0.02 | 4.5 | 0.068 | 0.16 | 2.0 | 3.1 |
| 105G_1987_3343 | 2 | <0.01 | <0.2 | 0.11 | 4.6 | 1.5 | 1 | 24.6 | 0.02 | 4.4 | 0.066 | 0.16 | 1.8 | 3.2 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3307 | 0 | 23 | 24 | 2 | 0.1 | 76 | 75.4 |
| 105G_1987_3308 | 0 | 28 | 28 | 16 | 6.6 | 119 | 114.5 |
| 105G_1987_3309 | 0 | 30 | 28 | 2 | 1.1 | 108 | 102.3 |
| 105G_1987_3311 | 0 | 36 | 31 | 2 | 0.2 | 113 | 107.1 |
| 105G_1987_3312 | 0 | 54 | 51 | 16 | 2.6 | 77 | 71.0 |
| 105G_1987_3313 | 0 | 30 | 27 | 2 | 0.3 | 101 | 97.6 |
| 105G_1987_3314 | 0 | 47 | 47 | 2 | 2.7 | 126 | 115.1 |
| 105G_1987_3315 | 0 | 34 | 34 | 2 | 0.7 | 57 | 58.8 |
| 105G_1987_3316 | 0 | 49 | 43 | 2 | 1.5 | 82 | 76.3 |
| 105G_1987_3317 | 0 | 42 | 39 | 2 | 1.3 | 108 | 100.2 |
| 105G_1987_3318 | 0 | 31 | 27 | 2 | <0.1 | 114 | 105.1 |
| 105G_1987_3319 | 0 | 30 | 30 | 2 | 0.7 | 86 | 78.5 |
| 105G_1987_3320 | 0 | 33 | 30 | 2 | 0.3 | 154 | 147.6 |
| 105G_1987_3322 | 1 | 40 | 33 | 2 | 0.2 | 77 | 72.8 |
| 105G_1987_3323 | 2 | 46 | 36 | 2 | 0.2 | 752 | 65.3 |
| 105G_1987_3324 | 0 | 23 | 19 | 8 | 1.2 | 51 | 46.7 |
| 105G_1987_3325 | 0 | 24 | 22 | 2 | 0.2 | 270 | 233.7 |
| 105G_1987_3326 | 0 | 33 | 27 | 6 | 2.3 | 73 | 63.0 |
| 105G_1987_3327 | 0 | 20 | 17 | 2 | 0.2 | 87 | 75.6 |
| 105G_1987_3328 | 0 | 39 | 35 | 2 | 0.3 | 102 | 92.2 |
| 105G_1987_3329 | 0 | 26 | 21 | 2 | 0.9 | 107 | 94.1 |
| 105G_1987_3331 | 0 | 31 | 26 | 2 | 0.2 | 167 | 142.7 |
| 105G_1987_3332 | 0 | 29 | 31 | 2 | 0.2 | 220 | 185.8 |
| 105G_1987_3333 | 0 | 32 | 33 | 2 | <0.1 | 256 | 220.9 |
| 105G_1987_3334 | 0 | 18 | 14 | 2 | <0.1 | 132 | 115.4 |
| 105G_1987_3335 | 0 | 30 | 21 | 2 | <0.1 | 230 | 185.5 |
| 105G_1987_3336 | 0 | 21 | 14 | 2 | <0.1 | 172 | 139.9 |
| 105G_1987_3337 | 0 | 26 | 25 | 2 | 0.3 | 346 | 291.1 |
| 105G_1987_3338 | 0 | 49 | 44 | 16 | 8.6 | 73 | 65.0 |
| 105G_1987_3339 | 0 | 35 | 30 | 2 | 0.2 | 119 | 101.8 |
| 105G_1987_3340 | 0 | 28 | 28 | 6 | 1.0 | 80 | 78.2 |
| 105G_1987_3342 | 1 | 59 | 54 | 2 | <0.1 | 121 | 110.0 |
| 105G_1987_3343 | 2 | 52 | 50 | 2 | 0.1 | 108 | 104.1 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3345 | 0 | <0.2 | 135 | 1.21 | 8 | 8.0 | 55 | 10.0 | 4 | 7.5 | 1 | 1042 | 108.0 | 0.21 |
| 105G_1987_3346 | 0 | <0.2 | 32 | 1.47 | 3 | 3.2 | <1 | 10.0 | | | 2 | 579 | 71.7 | 0.16 |
| 105G_1987_3347 | 0 | <0.2 | 39 | 1.46 | 3 | 4.6 | <1 | 10.0 | | | 1 | 315 | 51.7 | 0.15 |
| 105G_1987_3348 | 0 | <0.2 | 125 | 1.02 | 2 | 0.6 | <1 | 10.0 | | | 1 | 628 | 110.2 | 0.11 |
| 105G_1987_3349 | 0 | <0.2 | 129 | 1.17 | 7 | 5.8 | <1 | 10.0 | | | 3 | 924 | 139.8 | 0.20 |
| 105G_1987_3350 | 0 | <0.2 | 86 | 1.29 | 4 | 3.9 | <1 | 10.0 | | | 1 | 927 | 170.7 | 0.58 |
| 105G_1987_3351 | 0 | <0.2 | 98 | 0.90 | 5 | 3.8 | <1 | 10.0 | | | 1 | 802 | 98.1 | 0.24 |
| 105G_1987_3352 | 0 | <0.2 | 30 | 0.65 | 2 | 1.7 | 6 | 10.0 | <1 | 10.0 | <1 | 662 | 63.5 | 0.24 |
| 105G_1987_3353 | 0 | <0.2 | 53 | 1.01 | 2 | 1.6 | <1 | 10.0 | | | 1 | 745 | 107.6 | 0.82 |
| 105G_1987_3354 | 0 | 0.3 | 105 | 1.26 | 6 | 6.4 | <1 | 10.0 | | | 1 | 914 | 131.9 | 0.71 |
| 105G_1987_3355 | 0 | 0.3 | 227 | 1.78 | 3 | 3.8 | <1 | 10.0 | | | 1 | 920 | 184.4 | 0.45 |
| 105G_1987_3356 | 0 | 0.2 | 229 | 1.95 | 4 | 6.1 | <1 | 10.0 | | | 4 | 964 | 184.1 | 0.40 |
| 105G_1987_3357 | 0 | 0.2 | 72 | 1.07 | 4 | 5.1 | <1 | 10.0 | | | 2 | 1232 | 177.4 | 0.21 |
| 105G_1987_3358 | 0 | <0.2 | 95 | 1.16 | 1 | 0.6 | <1 | 10.0 | | | 2 | 769 | 112.6 | 0.91 |
| 105G_1987_3359 | 0 | 0.2 | 162 | 1.91 | 4 | 3.8 | <1 | 10.0 | | | 1 | 1621 | 261.8 | 0.66 |
| 105G_1987_3360 | 0 | <0.2 | 173 | 0.95 | 1 | 0.4 | <1 | 10.0 | | | 1 | 1826 | 252.4 | 0.78 |
| 105G_1987_3362 | 1 | <0.2 | 134 | 2.15 | 4 | 4.0 | 1 | 10.0 | | | 3 | 715 | 303.2 | 0.23 |
| 105G_1987_3363 | 2 | <0.2 | 130 | 2.30 | 3 | 4.7 | <1 | 10.0 | | | 1 | 712 | 296.7 | 0.23 |
| 105G_1987_3364 | 0 | 0.5 | 299 | 2.13 | 17 | 17.3 | <1 | 10.0 | | | <1 | 1970 | 353.3 | 0.42 |
| 105G_1987_3365 | 0 | <0.2 | 41 | 0.49 | <1 | 0.4 | <1 | 10.0 | | | 1 | 888 | 121.6 | 0.69 |
| 105G_1987_3366 | 0 | <0.2 | 202 | 2.03 | 9 | 9.3 | 13 | 10.0 | 2 | 10.0 | <1 | 903 | 173.9 | 0.16 |
| 105G_1987_3367 | 0 | 0.2 | 471 | 2.02 | 5 | 5.7 | 2 | 10.0 | | | <1 | 1240 | 237.7 | 0.53 |
| 105G_1987_3368 | 0 | 0.4 | 568 | 2.08 | 7 | 6.5 | 5 | 10.0 | 10 | 10.0 | 1 | 1250 | 278.4 | 0.65 |
| 105G_1987_3369 | 0 | <0.2 | 104 | 1.23 | 9 | 8.6 | <1 | 10.0 | | | 1 | 700 | 83.6 | 0.11 |
| 105G_1987_3370 | 0 | <0.2 | 49 | 0.78 | 1 | 0.9 | 1 | 10.0 | | | 1 | 761 | 61.4 | 0.17 |
| 105G_1987_3372 | 0 | <0.2 | 67 | 1.20 | 8 | 10.1 | 4 | 10.0 | | | <1 | 800 | 63.9 | 0.13 |
| 105G_1987_3373 | 0 | <0.2 | 87 | 1.12 | 1 | 1.0 | <1 | 10.0 | | | <1 | 783 | 70.0 | 0.34 |
| 105G_1987_3374 | 0 | <0.2 | 148 | 1.13 | 1 | 1.4 | <1 | 10.0 | | | 1 | 965 | 105.4 | 0.32 |
| 105G_1987_3375 | 0 | <0.2 | 188 | 1.47 | 8 | 12.0 | <1 | 10.0 | | | <1 | 1040 | 432.6 | 0.21 |
| 105G_1987_3376 | 0 | <0.2 | 94 | 1.08 | 15 | 15.1 | 19 | 10.0 | 2 | 10.0 | <1 | 783 | 101.1 | 0.11 |
| 105G_1987_3377 | 0 | <0.2 | 166 | 1.08 | 30 | 23.7 | 2 | 10.0 | | | <1 | 738 | 73.0 | 0.10 |
| 105G_1987_3378 | 0 | 0.2 | 335 | 1.04 | 40 | 30.1 | 4 | 10.0 | | | <1 | 1070 | 218.5 | 1.02 |
| 105G_1987_3379 | 0 | <0.2 | 203 | 1.44 | 5 | 5.2 | 3 | 10.0 | | | <1 | 1250 | 311.5 | 0.15 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3345 | 0 | 0.53 | 0.5 | 0.63 | 14 | 14.5 | 39.3 | 46 | 41.33 | 310 | 2.70 | 2.81 | 3.6 | 45 | 17 |
| 105G_1987_3346 | 0 | 0.55 | <0.2 | 0.12 | 13 | 13.3 | 35.6 | 19 | 23.75 | 375 | 3.02 | 3.14 | 5.1 | 20 | 14 |
| 105G_1987_3347 | 0 | 0.52 | <0.2 | 0.10 | 19 | 18.2 | 148.2 | 44 | 38.35 | 280 | 2.81 | 2.78 | 4.4 | 15 | 11 |
| 105G_1987_3348 | 0 | 0.55 | 1.0 | 1.10 | 8 | 8.5 | 31.2 | 44 | 40.30 | 235 | 1.81 | 1.73 | 3.3 | 25 | 19 |
| 105G_1987_3349 | 0 | 0.85 | 0.7 | 0.74 | 11 | 10.7 | 35.7 | 18 | 15.58 | 360 | 2.23 | 2.18 | 4.0 | 25 | 29 |
| 105G_1987_3350 | 0 | 0.35 | 0.5 | 0.66 | 15 | 13.7 | 49.8 | 17 | 14.96 | 335 | 2.71 | 2.25 | 5.0 | 30 | 27 |
| 105G_1987_3351 | 0 | 0.35 | 0.6 | 0.56 | 10 | 8.4 | 18.6 | 14 | 10.78 | 530 | 2.74 | 2.37 | 3.2 | 20 | 19 |
| 105G_1987_3352 | 0 | 0.38 | <0.2 | 0.19 | 6 | 5.7 | 29.4 | 9 | 6.52 | 650 | 1.41 | 1.18 | 2.5 | 15 | 13 |
| 105G_1987_3353 | 0 | 0.37 | <0.2 | 0.37 | 7 | 7.2 | 26.1 | 18 | 15.54 | 765 | 1.92 | 1.74 | 3.8 | 15 | 13 |
| 105G_1987_3354 | 0 | 0.42 | <0.2 | 0.33 | 18 | 17.7 | 82.1 | 18 | 15.60 | 625 | 3.00 | 2.87 | 4.8 | 20 | 23 |
| 105G_1987_3355 | 0 | 0.51 | 0.7 | 0.92 | 15 | 15.3 | 62.6 | 24 | 21.60 | 420 | 2.99 | 3.03 | 6.3 | 30 | 46 |
| 105G_1987_3356 | 0 | 0.32 | 0.2 | 0.60 | 39 | 42.1 | 215.0 | 32 | 30.04 | 455 | 3.99 | 4.43 | 6.6 | 30 | 58 |
| 105G_1987_3357 | 0 | 0.47 | 0.2 | 0.55 | 21 | 22.9 | 142.0 | 24 | 22.76 | 585 | 2.82 | 3.01 | 4.4 | 15 | 26 |
| 105G_1987_3358 | 0 | 0.38 | 0.2 | 0.41 | 9 | 8.1 | 39.8 | 29 | 24.34 | 570 | 2.25 | 2.05 | 4.5 | 10 | 22 |
| 105G_1987_3359 | 0 | 0.54 | 2.3 | 2.00 | 17 | 16.5 | 40.9 | 121 | 109.67 | 700 | 4.17 | 4.48 | 7.9 | 30 | 29 |
| 105G_1987_3360 | 0 | 0.43 | 0.3 | 0.45 | 8 | 8.2 | 22.7 | 40 | 36.79 | 510 | 2.21 | 2.14 | 3.8 | 30 | 17 |
| 105G_1987_3362 | 1 | 0.71 | 0.3 | 0.43 | 18 | 19.8 | 53.3 | 31 | 39.11 | 320 | 4.47 | 4.42 | 6.9 | 70 | 65 |
| 105G_1987_3363 | 2 | 0.74 | 0.3 | 0.51 | 18 | 20.8 | 57.4 | 31 | 35.58 | 360 | 4.48 | 4.63 | 7.3 | 60 | 184 |
| 105G_1987_3364 | 0 | 0.76 | 1.0 | 1.22 | 23 | 28.0 | 122.8 | 71 | 78.40 | 655 | 4.30 | 4.33 | 7.6 | 35 | 77 |
| 105G_1987_3365 | 0 | 0.23 | <0.2 | 0.15 | 4 | 4.6 | 30.7 | 9 | 8.04 | 400 | 1.06 | 0.88 | 1.8 | 15 | 11 |
| 105G_1987_3366 | 0 | 0.73 | 1.4 | 1.48 | 14 | 16.2 | 66.9 | 33 | 34.57 | 495 | 2.85 | 2.68 | 5.8 | 20 | 29 |
| 105G_1987_3367 | 0 | 0.51 | 0.4 | 0.49 | 11 | 11.9 | 66.4 | 24 | 33.22 | 355 | 2.89 | 2.62 | 6.6 | 20 | 26 |
| 105G_1987_3368 | 0 | 0.70 | 1.0 | 1.13 | 14 | 16.0 | 63.1 | 59 | 58.23 | 500 | 3.25 | 2.98 | 6.7 | 30 | 36 |
| 105G_1987_3369 | 0 | 0.45 | <0.2 | 0.27 | 10 | 10.3 | 32.3 | 21 | 22.29 | 370 | 2.35 | 2.07 | 3.6 | 25 | 16 |
| 105G_1987_3370 | 0 | 0.31 | <0.2 | 0.15 | 5 | 4.5 | 12.6 | 7 | 5.97 | 250 | 1.54 | 1.24 | 2.7 | 10 | 16 |
| 105G_1987_3372 | 0 | 0.38 | <0.2 | 0.14 | 11 | 11.2 | 20.6 | 25 | 24.32 | 300 | 3.06 | 2.53 | 3.5 | 20 | 15 |
| 105G_1987_3373 | 0 | 0.27 | <0.2 | 0.14 | 6 | 6.5 | 13.6 | 11 | 10.44 | 390 | 1.98 | 1.75 | 3.9 | 40 | 16 |
| 105G_1987_3374 | 0 | 0.40 | <0.2 | 0.37 | 9 | 10.2 | 42.8 | 21 | 23.84 | 490 | 2.32 | 2.24 | 3.9 | 30 | 18 |
| 105G_1987_3375 | 0 | 0.47 | 1.1 | 1.19 | 10 | 10.9 | 50.1 | 20 | 21.23 | 490 | 1.99 | 1.64 | 4.0 | 40 | 32 |
| 105G_1987_3376 | 0 | 0.38 | <0.2 | 0.11 | 9 | 9.2 | 13.5 | 13 | 13.99 | 290 | 2.19 | 1.85 | 2.8 | 25 | 22 |
| 105G_1987_3377 | 0 | 0.33 | <0.2 | 0.06 | 9 | 9.8 | 15.6 | 16 | 16.86 | 330 | 2.39 | 2.12 | 2.9 | 25 | 23 |
| 105G_1987_3378 | 0 | 0.38 | 1.7 | 2.01 | 12 | 11.6 | 10.5 | 44 | 47.34 | 315 | 2.15 | 1.68 | 2.4 | 45 | 45 |
| 105G_1987_3379 | 0 | 0.60 | 1.8 | 1.88 | 23 | 26.6 | 85.9 | 97 | 102.02 | 475 | 3.60 | 3.40 | 4.8 | 55 | 60 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3345 | 0 | 0.08 | 17.8 | 4.4 | 0.85 | 359 | 478 | 2 | 1.74 | 0.006 | 37 | 33.9 | 0.118 | 9 | 8.25 |
| 105G_1987_3346 | 0 | 0.12 | 22.6 | 3.2 | 0.87 | 570 | 767 | <2 | 0.56 | 0.017 | 32 | 30.2 | 0.107 | 7 | 7.30 |
| 105G_1987_3347 | 0 | 0.15 | 19.3 | 2.4 | 1.10 | 242 | 314 | <2 | 0.25 | 0.014 | 59 | 60.6 | 0.067 | 8 | 6.50 |
| 105G_1987_3348 | 0 | 0.08 | 20.7 | 8.0 | 0.65 | 414 | 491 | 2 | 1.59 | 0.012 | 25 | 22.6 | 0.066 | 6 | 5.17 |
| 105G_1987_3349 | 0 | 0.19 | 20.8 | 10.0 | 0.67 | 329 | 364 | <2 | 0.58 | 0.010 | 43 | 38.8 | 0.086 | 15 | 12.85 |
| 105G_1987_3350 | 0 | 0.24 | 17.6 | 11.4 | 0.68 | 471 | 515 | <2 | 1.02 | 0.011 | 70 | 66.6 | 0.106 | 15 | 13.62 |
| 105G_1987_3351 | 0 | 0.25 | 36.3 | 4.4 | 0.45 | 501 | 541 | <2 | 0.85 | 0.004 | 20 | 16.1 | 0.088 | 19 | 14.60 |
| 105G_1987_3352 | 0 | 0.11 | 12.0 | 2.2 | 0.50 | 125 | 144 | <2 | 0.32 | 0.011 | 50 | 41.7 | 0.104 | 7 | 5.36 |
| 105G_1987_3353 | 0 | 0.19 | 16.2 | 3.0 | 0.49 | 184 | 236 | <2 | 0.52 | 0.009 | 20 | 16.9 | 0.121 | 13 | 11.42 |
| 105G_1987_3354 | 0 | 0.16 | 22.0 | 5.4 | 1.36 | 394 | 492 | <2 | 0.69 | 0.011 | 206 | 190.3 | 0.099 | 20 | 17.20 |
| 105G_1987_3355 | 0 | 0.27 | 35.9 | 12.0 | 0.90 | 388 | 471 | <2 | 1.23 | 0.014 | 93 | 87.5 | 0.113 | 20 | 18.09 |
| 105G_1987_3356 | 0 | 0.21 | 44.9 | 19.2 | 3.54 | 593 | 692 | <2 | 0.82 | 0.010 | 886 | 828.4 | 0.081 | 24 | 20.61 |
| 105G_1987_3357 | 0 | 0.22 | 21.5 | 5.6 | 2.09 | 295 | 405 | 2 | 1.64 | 0.010 | 330 | 281.1 | 0.118 | 14 | 12.47 |
| 105G_1987_3358 | 0 | 0.19 | 19.2 | 12.4 | 0.70 | 164 | 208 | <2 | 0.97 | 0.016 | 60 | 53.1 | 0.068 | 19 | 16.29 |
| 105G_1987_3359 | 0 | 0.54 | 49.3 | 8.1 | 1.15 | 636 | 851 | 2 | 2.88 | 0.012 | 29 | 26.6 | 0.118 | 39 | 37.56 |
| 105G_1987_3360 | 0 | 0.20 | 21.5 | 6.0 | 0.48 | 449 | 567 | <2 | 1.12 | 0.010 | 16 | 14.6 | 0.086 | 22 | 20.06 |
| 105G_1987_3362 | 1 | 0.07 | 20.1 | 5.8 | 1.62 | 712 | 950 | <2 | 0.85 | 0.012 | 22 | 22.1 | 0.075 | 18 | 14.75 |
| 105G_1987_3363 | 2 | 0.07 | 22.2 | 6.4 | 1.75 | 710 | 1017 | <2 | 0.91 | 0.012 | 23 | 23.9 | 0.079 | 18 | 15.34 |
| 105G_1987_3364 | 0 | 0.31 | 33.7 | 8.2 | 1.66 | 616 | 855 | 2 | 1.51 | 0.025 | 105 | 110.1 | 0.132 | 43 | 41.10 |
| 105G_1987_3365 | 0 | 0.08 | 13.3 | 2.2 | 0.30 | 195 | 250 | <2 | 0.39 | 0.007 | 24 | 21.8 | 0.072 | 12 | 9.60 |
| 105G_1987_3366 | 0 | 0.27 | 26.1 | 1.6 | 1.07 | 367 | 514 | 2 | 2.03 | 0.022 | 52 | 52.7 | 0.082 | 15 | 10.92 |
| 105G_1987_3367 | 0 | 0.25 | 17.9 | 5.6 | 0.85 | 313 | 420 | <2 | 1.53 | 0.013 | 56 | 55.4 | 0.084 | 13 | 10.59 |
| 105G_1987_3368 | 0 | 0.34 | 20.4 | 12.6 | 0.90 | 368 | 463 | <2 | 1.96 | 0.024 | 69 | 66.9 | 0.097 | 14 | 10.45 |
| 105G_1987_3369 | 0 | 0.22 | 27.2 | 5.4 | 0.62 | 207 | 277 | <2 | 0.53 | 0.009 | 25 | 24.8 | 0.080 | 15 | 12.68 |
| 105G_1987_3370 | 0 | 0.12 | 16.3 | 2.1 | 0.35 | 284 | 343 | <2 | 0.70 | 0.043 | 8 | 7.6 | 0.054 | 5 | 3.50 |
| 105G_1987_3372 | 0 | 0.34 | 38.8 | 8.2 | 0.54 | 309 | 364 | <2 | 0.50 | 0.005 | 21 | 19.9 | 0.053 | 27 | 21.63 |
| 105G_1987_3373 | 0 | 0.14 | 25.0 | 5.0 | 0.46 | 249 | 327 | <2 | 0.91 | 0.011 | 8 | 7.8 | 0.060 | 9 | 6.38 |
| 105G_1987_3374 | 0 | 0.10 | 22.2 | 5.4 | 0.68 | 302 | 419 | <2 | 1.35 | 0.016 | 47 | 50.7 | 0.060 | 14 | 11.77 |
| 105G_1987_3375 | 0 | 0.09 | 36.3 | 16.4 | 0.59 | 203 | 230 | <2 | 1.30 | 0.011 | 71 | 72.0 | 0.065 | 12 | 9.81 |
| 105G_1987_3376 | 0 | 0.20 | 26.2 | 6.0 | 0.38 | 297 | 380 | <2 | 0.79 | 0.007 | 15 | 14.4 | 0.062 | 22 | 18.04 |
| 105G_1987_3377 | 0 | 0.27 | 31.9 | 6.0 | 0.40 | 260 | 354 | <2 | 0.54 | 0.004 | 16 | 15.6 | 0.065 | 22 | 19.88 |
| 105G_1987_3378 | 0 | 0.17 | 37.2 | 11.6 | 0.35 | 941 | 1077 | 4 | 4.37 | 0.010 | 15 | 14.3 | 0.082 | 43 | 36.29 |
| 105G_1987_3379 | 0 | 0.23 | 17.4 | 5.6 | 1.41 | 578 | 772 | <2 | 1.36 | 0.031 | 132 | 135.1 | 0.071 | 31 | 27.23 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3345 | 0 | <0.01 | <0.2 | 0.14 | 3.3 | 1.4 | 1 | 19.6 | 0.03 | 4.4 | 0.042 | 0.07 | 1.2 | 2.9 |
| 105G_1987_3346 | 0 | 0.05 | <0.2 | 0.13 | 3.3 | 0.3 | <1 | 42.8 | 0.02 | 6.8 | 0.054 | 0.10 | 1.6 | 4.0 |
| 105G_1987_3347 | 0 | <0.01 | <0.2 | 0.05 | 3.9 | 0.3 | <1 | 44.8 | 0.04 | 4.9 | 0.054 | 0.11 | 0.9 | 2.7 |
| 105G_1987_3348 | 0 | 0.01 | <0.2 | 0.08 | 2.8 | 4.1 | 1 | 21.2 | 0.02 | 2.0 | 0.031 | 0.09 | 3.1 | 4.2 |
| 105G_1987_3349 | 0 | 0.03 | <0.2 | 0.09 | 2.7 | 1.3 | 1 | 33.0 | <0.02 | 3.6 | 0.054 | 0.16 | 0.8 | 2.9 |
| 105G_1987_3350 | 0 | 0.01 | <0.2 | 0.16 | 2.2 | 0.3 | 2 | 21.0 | 0.02 | 1.2 | 0.060 | 0.20 | 2.0 | 4.2 |
| 105G_1987_3351 | 0 | <0.01 | <0.2 | 0.14 | 2.6 | 0.5 | 3 | 11.5 | <0.02 | 8.4 | 0.078 | 0.20 | 2.4 | 4.9 |
| 105G_1987_3352 | 0 | <0.01 | <0.2 | 0.04 | 2.0 | 0.2 | 2 | 19.9 | <0.02 | 4.1 | 0.043 | 0.10 | 3.4 | 6.5 |
| 105G_1987_3353 | 0 | <0.01 | <0.2 | 0.10 | 3.0 | 0.2 | 4 | 16.2 | <0.02 | 5.0 | 0.067 | 0.20 | 5.9 | 8.5 |
| 105G_1987_3354 | 0 | <0.01 | 0.2 | 0.15 | 4.3 | 0.5 | 3 | 20.2 | <0.02 | 6.3 | 0.064 | 0.23 | 14.1 | 16.8 |
| 105G_1987_3355 | 0 | 0.04 | <0.2 | 0.14 | 4.5 | 0.9 | 1 | 23.6 | <0.02 | 4.2 | 0.096 | 0.29 | 5.2 | 7.2 |
| 105G_1987_3356 | 0 | 0.04 | 0.2 | 0.23 | 7.9 | 0.5 | 4 | 12.4 | 0.02 | 5.8 | 0.059 | 0.26 | 2.4 | 4.3 |
| 105G_1987_3357 | 0 | 0.09 | 0.2 | 0.17 | 5.4 | 1.2 | 4 | 15.3 | <0.02 | 6.5 | 0.071 | 0.21 | 2.7 | 4.9 |
| 105G_1987_3358 | 0 | 0.02 | <0.2 | 0.09 | 3.4 | 0.6 | 3 | 16.9 | <0.02 | 3.9 | 0.064 | 0.20 | 27.3 | 31.5 |
| 105G_1987_3359 | 0 | 0.04 | <0.2 | 0.23 | 7.3 | 0.7 | 4 | 15.8 | 0.04 | 9.6 | 0.151 | 0.48 | 5.5 | 9.0 |
| 105G_1987_3360 | 0 | 0.06 | <0.2 | 0.06 | 3.6 | 0.7 | <1 | 25.0 | <0.02 | 4.4 | 0.053 | 0.21 | 35.1 | 36.0 |
| 105G_1987_3362 | 1 | <0.01 | 3.1 | 0.24 | 9.6 | 0.4 | 6 | 21.9 | <0.02 | 1.8 | 0.038 | 0.03 | 0.8 | 2.0 |
| 105G_1987_3363 | 2 | 0.05 | 0.7 | 0.25 | 9.8 | 0.4 | 3 | 22.9 | <0.02 | 1.8 | 0.039 | 0.04 | 0.9 | 1.9 |
| 105G_1987_3364 | 0 | 0.06 | 0.4 | 0.38 | 8.6 | 1.0 | 2 | 34.1 | 0.04 | 7.9 | 0.124 | 0.20 | 2.7 | 3.8 |
| 105G_1987_3365 | 0 | <0.01 | 0.4 | 0.09 | 1.3 | 0.2 | 2 | 13.1 | <0.02 | 4.4 | 0.021 | 0.12 | 22.8 | 22.6 |
| 105G_1987_3366 | 0 | 0.06 | 0.4 | 0.10 | 4.4 | 1.9 | 4 | 35.0 | 0.03 | 4.0 | 0.108 | 0.25 | 4.2 | 6.3 |
| 105G_1987_3367 | 0 | 0.05 | 0.2 | 0.18 | 4.9 | 1.5 | 4 | 18.9 | <0.02 | 2.9 | 0.126 | 0.25 | 5.2 | 7.3 |
| 105G_1987_3368 | 0 | 0.06 | 0.4 | 0.17 | 6.2 | 3.5 | 7 | 25.7 | 0.05 | 3.6 | 0.136 | 0.34 | 12.3 | 13.9 |
| 105G_1987_3369 | 0 | 0.02 | 0.3 | 0.14 | 2.4 | 0.9 | 3 | 22.8 | 0.02 | 6.9 | 0.060 | 0.20 | 2.4 | 5.2 |
| 105G_1987_3370 | 0 | 0.01 | 0.3 | 0.03 | 2.4 | 0.3 | 3 | 10.8 | <0.02 | 5.1 | 0.053 | 0.10 | 4.8 | 6.8 |
| 105G_1987_3372 | 0 | 0.05 | 0.2 | 0.31 | 1.9 | 0.3 | 3 | 27.0 | 0.02 | 4.8 | 0.047 | 0.36 | 3.7 | 5.7 |
| 105G_1987_3373 | 0 | 0.01 | 0.2 | 0.05 | 2.9 | 0.2 | 4 | 8.8 | <0.02 | 7.6 | 0.060 | 0.15 | 14.1 | 17.4 |
| 105G_1987_3374 | 0 | 0.01 | 0.2 | 0.09 | 4.0 | 0.8 | 3 | 15.7 | <0.02 | 7.5 | 0.062 | 0.15 | 6.4 | 8.6 |
| 105G_1987_3375 | 0 | 0.11 | 0.2 | 0.18 | 3.5 | 2.5 | 2 | 27.5 | 0.02 | 6.2 | 0.038 | 0.24 | 6.2 | 7.9 |
| 105G_1987_3376 | 0 | 0.01 | <0.2 | 0.15 | 1.9 | 0.4 | 2 | 29.8 | 0.02 | 5.6 | 0.021 | 0.23 | 4.4 | 6.7 |
| 105G_1987_3377 | 0 | 0.03 | 0.3 | 0.24 | 1.7 | 0.3 | 3 | 20.4 | <0.02 | 6.0 | 0.034 | 0.30 | 2.9 | 5.7 |
| 105G_1987_3378 | 0 | 0.07 | <0.2 | 0.23 | 1.6 | 1.9 | 2 | 31.4 | 0.19 | 2.5 | 0.014 | 0.21 | 11.7 | 13.1 |
| 105G_1987_3379 | 0 | 0.03 | 0.4 | 0.66 | 6.5 | 0.8 | 2 | 18.0 | 0.03 | 4.0 | 0.098 | 0.28 | 1.2 | 2.4 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3345 | 0 | 44 | 42 | 2 | 0.3 | 93 | 89.7 |
| 105G_1987_3346 | 0 | 34 | 32 | 2 | 0.1 | 75 | 73.0 |
| 105G_1987_3347 | 0 | 39 | 41 | 2 | 0.1 | 77 | 71.7 |
| 105G_1987_3348 | 0 | 32 | 30 | 2 | <0.1 | 73 | 69.5 |
| 105G_1987_3349 | 0 | 32 | 31 | 2 | 0.2 | 158 | 135.7 |
| 105G_1987_3350 | 0 | 36 | 35 | 2 | 1.3 | 135 | 119.2 |
| 105G_1987_3351 | 0 | 36 | 31 | 2 | 0.5 | 115 | 96.4 |
| 105G_1987_3352 | 0 | 20 | 20 | 16 | 3.3 | 50 | 44.8 |
| 105G_1987_3353 | 0 | 37 | 33 | 2 | 7.6 | 88 | 81.7 |
| 105G_1987_3354 | 0 | 41 | 38 | 2 | 0.8 | 116 | 102.3 |
| 105G_1987_3355 | 0 | 53 | 49 | 2 | 0.6 | 176 | 152.6 |
| 105G_1987_3356 | 0 | 54 | 56 | 6 | 1.2 | 198 | 167.4 |
| 105G_1987_3357 | 0 | 50 | 48 | 6 | 2.1 | 111 | 105.0 |
| 105G_1987_3358 | 0 | 37 | 33 | 2 | 0.4 | 146 | 116.5 |
| 105G_1987_3359 | 0 | 74 | 69 | 4 | 0.9 | 607 | 565.7 |
| 105G_1987_3360 | 0 | 33 | 33 | 2 | 1.1 | 135 | 116.1 |
| 105G_1987_3362 | 1 | 91 | 92 | 2 | 0.1 | 125 | 106.1 |
| 105G_1987_3363 | 2 | 93 | 95 | 2 | 0.1 | 127 | 115.6 |
| 105G_1987_3364 | 0 | 90 | 88 | 2 | 0.3 | 288 | 261.0 |
| 105G_1987_3365 | 0 | 16 | 16 | 2 | 0.2 | 44 | 39.2 |
| 105G_1987_3366 | 0 | 63 | 59 | 2 | 7.0 | 113 | 99.1 |
| 105G_1987_3367 | 0 | 70 | 61 | 2 | 0.8 | 125 | 104.7 |
| 105G_1987_3368 | 0 | 72 | 66 | 4 | 1.4 | 160 | 132.8 |
| 105G_1987_3369 | 0 | 35 | 29 | 2 | 0.1 | 62 | 56.7 |
| 105G_1987_3370 | 0 | 30 | 22 | 2 | 0.4 | 40 | 35.6 |
| 105G_1987_3372 | 0 | 29 | 22 | 2 | 0.1 | 72 | 63.9 |
| 105G_1987_3373 | 0 | 34 | 30 | 2 | 0.6 | 54 | 52.1 |
| 105G_1987_3374 | 0 | 37 | 37 | 2 | 0.5 | 76 | 76.2 |
| 105G_1987_3375 | 0 | 44 | 40 | 2 | 0.4 | 119 | 107.6 |
| 105G_1987_3376 | 0 | 22 | 15 | 2 | 0.5 | 60 | 56.3 |
| 105G_1987_3377 | 0 | 15 | 13 | 2 | <0.1 | 59 | 55.8 |
| 105G_1987_3378 | 0 | 17 | 20 | 2 | 0.4 | 173 | 159.4 |
| 105G_1987_3379 | 0 | 66 | 63 | 12 | 0.1 | 358 | 321.7 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3380 | 0 | <0.2 | 142 | 1.10 | 27 | 20.8 | <1 | 10.0 | | | <1 | 754 | 91.9 | 0.11 |
| 105G_1987_3382 | 1 | 0.3 | 478 | 1.03 | 6 | 7.6 | 2 | 10.0 | | | 3 | 785 | 323.3 | 0.25 |
| 105G_1987_3383 | 2 | 0.3 | 446 | 0.90 | 9 | 12.1 | <1 | 10.0 | | | 3 | 723 | 383.3 | 0.23 |
| 105G_1987_3384 | 0 | <0.2 | 230 | 1.89 | 2 | 2.1 | <1 | 10.0 | | | <1 | 1220 | 198.8 | 0.31 |
| 105G_1987_3385 | 0 | <0.2 | 239 | 1.24 | 1 | 2.1 | 3 | 10.0 | | | <1 | 1030 | 242.1 | 0.47 |
| 105G_1987_3386 | 0 | <0.2 | 228 | 1.76 | 9 | 9.5 | <1 | 10.0 | | | <1 | 1280 | 345.4 | 0.32 |
| 105G_1987_3387 | 0 | <0.2 | 87 | 1.58 | 4 | 3.7 | <1 | 10.0 | | | 1 | 732 | 172.9 | 0.11 |
| 105G_1987_3388 | 0 | <0.2 | 76 | 1.05 | 6 | 5.7 | <1 | 10.0 | | | 5 | 757 | 160.9 | 0.11 |
| 105G_1987_3389 | 0 | <0.2 | 163 | 1.32 | 32 | 23.9 | 2 | 10.0 | | | <1 | 757 | 82.7 | 0.10 |
| 105G_1987_3390 | 0 | <0.2 | 295 | 1.07 | 6 | 7.9 | <1 | 10.0 | | | <1 | 492 | 233.1 | 0.16 |
| 105G_1987_3391 | 0 | <0.2 | 49 | 0.62 | 9 | 10.0 | 9 | 10.0 | <1 | 10.0 | <1 | 566 | 51.0 | 0.22 |
| 105G_1987_3392 | 0 | <0.2 | 92 | 1.75 | 7 | 7.1 | 1 | 10.0 | | | <1 | 1020 | 93.8 | 0.35 |
| 105G_1987_3393 | 0 | 0.2 | 322 | 1.10 | 4 | 5.3 | 7 | 10.0 | 4 | 10.0 | <1 | 1050 | 187.2 | 0.39 |
| 105G_1987_3394 | 0 | <0.2 | 349 | 1.00 | 13 | 13.1 | <1 | 10.0 | | | <1 | 1030 | 149.0 | 0.80 |
| 105G_1987_3395 | 0 | 0.2 | 196 | 1.28 | 6 | 7.8 | <1 | 10.0 | | | <1 | 1100 | 250.7 | 0.37 |
| 105G_1987_3396 | 0 | 0.2 | 101 | 1.06 | 6 | 6.9 | <1 | 10.0 | | | <1 | 892 | 141.4 | 0.30 |
| 105G_1987_3397 | 0 | 0.9 | 776 | 1.24 | 29 | 24.9 | 9 | 10.0 | 1185 | 10.0 | <1 | 4690 | 168.3 | 3.90 |
| 105G_1987_3398 | 0 | 0.4 | 230 | 1.00 | 11 | 11.9 | 2 | 10.0 | | | <1 | 1120 | 169.6 | 1.22 |
| 105G_1987_3399 | 0 | <0.2 | 243 | 1.16 | 7 | 7.2 | <1 | 10.0 | | | 1 | 1150 | 259.5 | 0.77 |
| 105G_1987_3403 | 1 | 0.3 | 142 | 1.61 | 2 | 2.4 | <1 | 10.0 | | | 1 | 1370 | 217.8 | 0.61 |
| 105G_1987_3404 | 2 | <0.2 | 147 | 1.64 | 2 | 2.2 | <1 | 10.0 | | | 3 | 1290 | 228.8 | 0.54 |
| 105G_1987_3405 | 0 | <0.2 | 59 | 0.80 | 6 | 6.1 | <1 | 10.0 | | | 1 | 829 | 100.4 | 1.32 |
| 105G_1987_3406 | 0 | <0.2 | 116 | 1.85 | 6 | 7.3 | 2 | 10.0 | | | 1 | 863 | 116.1 | 0.18 |
| 105G_1987_3407 | 0 | <0.2 | 60 | 1.74 | 6 | 6.1 | <1 | 10.0 | | | 2 | 798 | 96.5 | 0.15 |
| 105G_1987_3408 | 0 | <0.2 | 54 | 1.49 | 2 | 2.6 | 2 | 10.0 | | | 1 | 1250 | 62.8 | 0.19 |
| 105G_1987_3409 | 0 | 0.3 | 202 | 0.94 | 7 | 9.0 | <1 | 10.0 | | | 2 | 1330 | 201.7 | 0.38 |
| 105G_1987_3410 | 0 | <0.2 | 41 | 1.46 | 1 | 1.4 | 3 | 10.0 | | | 1 | 902 | 42.1 | 0.09 |
| 105G_1987_3411 | 0 | 0.3 | 248 | 1.81 | 17 | 19.5 | 109 | 10.0 | 3 | 10.0 | 3 | 1010 | 135.5 | 0.48 |
| 105G_1987_3412 | 0 | 0.9 | 786 | 0.90 | 55 | 45.6 | 6 | 10.0 | 22 | 2.5 | 2 | 6950 | 1889.8 | 1.22 |
| 105G_1987_3413 | 0 | 0.9 | 985 | 1.94 | 46 | 34.8 | 10 | 10.0 | 12 | 10.0 | 2 | 3210 | 451.6 | 1.13 |
| 105G_1987_3414 | 0 | 1.7 | 1460 | 0.81 | 165 | 107.1 | 18 | 10.0 | 19 | 10.0 | 2 | 11550 | 2112.8 | 2.40 |
| 105G_1987_3415 | 0 | 0.4 | 350 | 0.82 | 6 | 5.8 | 4 | 10.0 | | | 1 | 1590 | 431.2 | 0.26 |
| 105G_1987_3416 | 0 | 0.4 | 391 | 0.83 | 14 | 14.1 | 4 | 10.0 | | | <1 | 2800 | 690.2 | 0.89 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3380 | 0 | 0.49 | <0.2 | 0.25 | 10 | 9.3 | 29.4 | 26 | 24.81 | 290 | 2.28 | 1.94 | 2.9 | 25 | 23 |
| 105G_1987_3382 | 1 | 0.60 | 0.8 | 1.31 | 8 | 10.7 | 105.4 | 38 | 41.99 | 225 | 4.14 | 3.83 | 3.6 | 95 | 98 |
| 105G_1987_3383 | 2 | 0.44 | 0.5 | 1.23 | 9 | 11.9 | 93.0 | 34 | 37.48 | 200 | 9.52 | 9.37 | 3.1 | 75 | 84 |
| 105G_1987_3384 | 0 | 0.48 | 0.3 | 0.66 | 11 | 12.3 | 46.8 | 28 | 33.09 | 405 | 3.06 | 2.85 | 6.8 | 20 | 16 |
| 105G_1987_3385 | 0 | 0.34 | 0.4 | 0.80 | 11 | 12.4 | 37.3 | 30 | 35.56 | 505 | 2.97 | 2.82 | 4.6 | 25 | 23 |
| 105G_1987_3386 | 0 | 0.62 | 6.1 | 6.42 | 18 | 21.3 | 78.7 | 68 | 81.62 | 430 | 3.29 | 3.25 | 5.8 | 25 | 26 |
| 105G_1987_3387 | 0 | 0.54 | 0.3 | 0.73 | 21 | 23.9 | 125.7 | 54 | 58.01 | 360 | 3.27 | 3.25 | 5.7 | 20 | 16 |
| 105G_1987_3388 | 0 | 0.40 | <0.2 | 0.36 | 34 | 42.2 | 337.3 | 81 | 84.54 | 240 | 3.14 | 3.58 | 3.6 | 35 | 28 |
| 105G_1987_3389 | 0 | 0.74 | <0.2 | 0.31 | 10 | 11.5 | 37.8 | 23 | 26.30 | 260 | 2.35 | 1.93 | 3.0 | 45 | 45 |
| 105G_1987_3390 | 0 | 1.08 | <0.2 | 0.27 | 4 | 2.6 | 15.6 | 23 | 24.78 | 150 | 1.69 | 1.36 | 2.3 | 100 | 122 |
| 105G_1987_3391 | 0 | 0.28 | <0.2 | 0.15 | 7 | 7.4 | 10.0 | 16 | 17.25 | 260 | 1.59 | 1.42 | 1.7 | 20 | 19 |
| 105G_1987_3392 | 0 | 0.41 | <0.2 | 0.22 | 20 | 22.2 | 17.2 | 44 | 47.12 | 335 | 3.69 | 3.53 | 5.0 | 25 | 41 |
| 105G_1987_3393 | 0 | 0.31 | <0.2 | 0.43 | 8 | 8.7 | 15.4 | 24 | 25.18 | 420 | 2.17 | 1.91 | 3.1 | 80 | 45 |
| 105G_1987_3394 | 0 | 0.39 | 0.2 | 0.55 | 10 | 9.9 | 14.2 | 35 | 37.39 | 430 | 2.29 | 1.83 | 2.7 | 65 | 85 |
| 105G_1987_3395 | 0 | 0.47 | 0.2 | 0.37 | 11 | 12.0 | 15.3 | 28 | 27.44 | 285 | 2.78 | 2.24 | 3.1 | 50 | 49 |
| 105G_1987_3396 | 0 | 0.33 | <0.2 | 0.13 | 8 | 9.8 | 13.6 | 19 | 19.49 | 460 | 2.21 | 1.91 | 2.9 | 30 | 20 |
| 105G_1987_3397 | 0 | 0.40 | 2.9 | 3.43 | 30 | 41.2 | 17.3 | 327 | 335.82 | 450 | 4.26 | 4.37 | 2.9 | 205 | 268 |
| 105G_1987_3398 | 0 | 0.33 | 1.5 | 1.62 | 18 | 20.9 | 12.5 | 98 | 96.86 | 500 | 2.68 | 2.41 | 2.3 | 20 | 30 |
| 105G_1987_3399 | 0 | 0.42 | 0.8 | 0.81 | 11 | 12.4 | 18.8 | 76 | 71.69 | 470 | 2.86 | 2.50 | 3.3 | 15 | 31 |
| 105G_1987_3403 | 1 | 0.66 | 0.2 | 0.50 | 12 | 12.3 | 72.3 | 45 | 42.86 | 340 | 2.54 | 2.24 | 4.7 | 25 | 23 |
| 105G_1987_3404 | 2 | 0.72 | 0.2 | 0.55 | 12 | 12.2 | 77.6 | 47 | 44.08 | 440 | 2.56 | 2.29 | 4.8 | 15 | 19 |
| 105G_1987_3405 | 0 | 0.28 | <0.2 | 0.17 | 6 | 6.5 | 45.8 | 18 | 17.53 | 590 | 1.63 | 1.39 | 2.8 | <10 | 17 |
| 105G_1987_3406 | 0 | 0.63 | <0.2 | 0.33 | 15 | 16.5 | 62.2 | 34 | 33.30 | 185 | 3.33 | 3.11 | 5.1 | <10 | 20 |
| 105G_1987_3407 | 0 | 0.56 | <0.2 | 0.17 | 13 | 13.8 | 57.2 | 24 | 23.88 | 230 | 2.98 | 2.53 | 4.3 | <10 | 13 |
| 105G_1987_3408 | 0 | 0.51 | <0.2 | 0.15 | 9 | 10.1 | 17.4 | 19 | 20.79 | 240 | 2.83 | 2.56 | 4.7 | <10 | 14 |
| 105G_1987_3409 | 0 | 0.49 | 3.2 | 3.24 | 12 | 13.2 | 11.7 | 41 | 41.73 | 320 | 2.22 | 1.92 | 2.3 | 30 | 48 |
| 105G_1987_3410 | 0 | 0.52 | <0.2 | 0.11 | 10 | 10.8 | 38.7 | 21 | 21.11 | 220 | 2.28 | 1.92 | 3.8 | <10 | 11 |
| 105G_1987_3411 | 0 | 0.51 | 0.2 | 0.66 | 22 | 25.4 | 140.9 | 55 | 56.05 | 260 | 3.90 | 3.91 | 6.1 | 50 | 31 |
| 105G_1987_3412 | 0 | 0.51 | 10.7 | 10.23 | 14 | 16.4 | 23.3 | 83 | 79.93 | 405 | 2.59 | 2.48 | 2.3 | 80 | 95 |
| 105G_1987_3413 | 0 | 0.58 | 13.3 | 13.17 | 38 | 41.9 | 41.6 | 201 | 197.28 | 450 | 4.02 | 3.73 | 3.4 | 55 | 106 |
| 105G_1987_3414 | 0 | 0.46 | 14.1 | 13.80 | 14 | 17.0 | 36.3 | 105 | 105.81 | 590 | 3.24 | 3.44 | 2.4 | 105 | 129 |
| 105G_1987_3415 | 0 | 0.41 | 2.2 | 1.93 | 7 | 7.1 | 12.7 | 65 | 58.82 | 315 | 1.48 | 1.08 | 1.9 | 40 | 45 |
| 105G_1987_3416 | 0 | 0.38 | 3.5 | 3.21 | 12 | 13.1 | 18.8 | 63 | 58.09 | 415 | 2.09 | 1.83 | 2.2 | 70 | 58 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3380 | 0 | 0.15 | 20.2 | 6.8 | 0.58 | 271 | 327 | <2 | 0.86 | 0.006 | 27 | 25.1 | 0.088 | 15 | 11.45 |
| 105G_1987_3382 | 1 | 0.12 | 70.7 | 33.0 | 0.65 | 238 | 288 | 4 | 5.40 | 0.014 | 176 | 225.6 | 0.108 | 12 | 9.72 |
| 105G_1987_3383 | 2 | 0.11 | 68.6 | 32.0 | 0.53 | 384 | 486 | 4 | 5.10 | 0.012 | 157 | 219.6 | 0.201 | 12 | 8.95 |
| 105G_1987_3384 | 0 | 0.24 | 19.6 | 4.6 | 1.01 | 326 | 460 | 2 | 1.83 | 0.019 | 43 | 43.5 | 0.064 | 23 | 19.97 |
| 105G_1987_3385 | 0 | 0.23 | 17.7 | 6.0 | 0.61 | 283 | 399 | <2 | 1.95 | 0.015 | 35 | 37.9 | 0.060 | 24 | 21.45 |
| 105G_1987_3386 | 0 | 0.31 | 22.7 | 8.4 | 0.87 | 500 | 746 | <2 | 2.18 | 0.030 | 63 | 70.1 | 0.081 | 37 | 32.07 |
| 105G_1987_3387 | 0 | 0.33 | 13.1 | 4.0 | 1.58 | 509 | 695 | <2 | 1.01 | 0.030 | 143 | 156.4 | 0.080 | 9 | 7.89 |
| 105G_1987_3388 | 0 | 0.15 | 10.1 | 7.8 | 3.36 | 387 | 567 | <2 | 0.59 | 0.022 | 543 | 498.6 | 0.062 | 8 | 5.93 |
| 105G_1987_3389 | 0 | 0.11 | 37.0 | 11.0 | 0.81 | 290 | 348 | <2 | 0.45 | 0.006 | 25 | 24.5 | 0.078 | 12 | 9.33 |
| 105G_1987_3390 | 0 | 0.06 | 43.5 | 57.4 | 0.14 | 88 | 99 | <2 | 1.38 | 0.008 | 14 | 14.0 | 0.177 | 13 | 10.12 |
| 105G_1987_3391 | 0 | 0.16 | 23.5 | 1.2 | 0.29 | 247 | 337 | <2 | 0.63 | 0.010 | 11 | 10.5 | 0.062 | 20 | 17.82 |
| 105G_1987_3392 | 0 | 0.29 | 38.1 | 3.6 | 1.28 | 784 | 1110 | 2 | 2.12 | 0.007 | 11 | 12.5 | 0.084 | 30 | 26.68 |
| 105G_1987_3393 | 0 | 0.14 | 34.2 | 5.8 | 0.49 | 240 | 306 | <2 | 1.60 | 0.006 | 10 | 10.4 | 0.076 | 69 | 61.31 |
| 105G_1987_3394 | 0 | 0.19 | 36.6 | 8.2 | 0.41 | 309 | 386 | 2 | 1.70 | 0.005 | 14 | 13.3 | 0.076 | 131 | 119.27 |
| 105G_1987_3395 | 0 | 0.16 | 34.1 | 10.8 | 0.57 | 524 | 636 | 2 | 2.14 | 0.008 | 9 | 7.9 | 0.082 | 24 | 18.79 |
| 105G_1987_3396 | 0 | 0.13 | 25.4 | 6.2 | 0.57 | 250 | 337 | <2 | 1.44 | 0.006 | 6 | 7.0 | 0.069 | 17 | 15.07 |
| 105G_1987_3397 | 0 | 0.27 | 59.7 | 7.6 | 0.78 | 644 | 926 | 7 | 7.72 | 0.005 | 24 | 28.6 | 0.091 | 135 | 125.22 |
| 105G_1987_3398 | 0 | 0.22 | 42.3 | 5.2 | 0.59 | 655 | 895 | 3 | 3.35 | 0.004 | 21 | 21.4 | 0.085 | 46 | 40.86 |
| 105G_1987_3399 | 0 | 0.33 | 34.3 | 7.2 | 0.73 | 647 | 848 | 3 | 3.52 | 0.010 | 16 | 15.7 | 0.081 | 41 | 33.07 |
| 105G_1987_3403 | 1 | 0.16 | 15.7 | 9.8 | 0.96 | 230 | 287 | 2 | 1.96 | 0.020 | 52 | 46.8 | 0.079 | 12 | 9.06 |
| 105G_1987_3404 | 2 | 0.17 | 16.2 | 11.7 | 1.06 | 249 | 314 | <2 | 2.07 | 0.021 | 51 | 48.7 | 0.081 | 11 | 8.86 |
| 105G_1987_3405 | 0 | 0.13 | 27.3 | 3.0 | 0.46 | 204 | 273 | <2 | 0.50 | 0.014 | 28 | 28.0 | 0.070 | 20 | 17.53 |
| 105G_1987_3406 | 0 | 0.10 | 20.5 | 4.2 | 1.39 | 424 | 584 | <2 | 0.90 | 0.017 | 56 | 54.4 | 0.067 | 17 | 16.19 |
| 105G_1987_3407 | 0 | 0.14 | 19.6 | 2.4 | 1.29 | 367 | 474 | <2 | 0.47 | 0.023 | 46 | 45.1 | 0.045 | 10 | 8.80 |
| 105G_1987_3408 | 0 | 0.08 | 28.5 | 3.2 | 0.78 | 416 | 581 | <2 | 0.57 | 0.011 | 8 | 7.8 | 0.048 | 13 | 10.67 |
| 105G_1987_3409 | 0 | 0.11 | 32.0 | 3.8 | 0.52 | 537 | 692 | <2 | 1.65 | 0.009 | 53 | 51.4 | 0.061 | 30 | 27.15 |
| 105G_1987_3410 | 0 | 0.05 | 19.0 | 2.6 | 1.09 | 273 | 363 | <2 | 0.57 | 0.013 | 44 | 44.9 | 0.033 | 11 | 9.00 |
| 105G_1987_3411 | 0 | 0.09 | 35.2 | 4.6 | 1.87 | 641 | 910 | <2 | 1.09 | 0.009 | 148 | 149.7 | 0.064 | 43 | 39.09 |
| 105G_1987_3412 | 0 | 0.15 | 26.2 | 7.2 | 0.49 | 607 | 847 | 7 | 6.75 | 0.008 | 93 | 89.5 | 0.130 | 37 | 31.62 |
| 105G_1987_3413 | 0 | 0.08 | 34.7 | 13.6 | 0.68 | 940 | 1258 | 9 | 9.74 | 0.006 | 244 | 229.6 | 0.161 | 42 | 37.64 |
| 105G_1987_3414 | 0 | 0.08 | 25.1 | 5.8 | 0.52 | 318 | 473 | 11 | 10.31 | 0.004 | 142 | 143.7 | 0.177 | 61 | 56.55 |
| 105G_1987_3415 | 0 | 0.11 | 16.7 | 6.8 | 0.36 | 168 | 188 | 3 | 2.64 | 0.008 | 34 | 31.0 | 0.080 | 19 | 15.63 |
| 105G_1987_3416 | 0 | 0.18 | 34.0 | 6.2 | 0.46 | 323 | 416 | 4 | 4.17 | 0.005 | 50 | 47.7 | 0.092 | 30 | 24.25 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_3380 | 0 | 0.04 | 0.3 | 0.17 | 2.0 | 1.3 | 2 | 25.4 | 0.02 | 3.7 | 0.036 | 0.16 | 3.9 | 6.4 | |
| 105G_1987_3382 | 1 | 0.46 | 0.2 | 0.17 | 4.3 | 5.8 | 2 | 18.7 | 0.02 | 4.1 | 0.047 | 0.17 | 42.4 | 44.1 | |
| 105G_1987_3383 | 2 | 0.35 | <0.2 | 0.17 | 4.4 | 5.5 | 1 | 14.4 | <0.02 | 4.6 | 0.042 | 0.16 | 42.8 | 42.6 | |
| 105G_1987_3384 | 0 | 0.02 | <0.2 | 0.08 | 5.2 | 0.7 | 2 | 23.0 | 0.04 | 6.6 | 0.110 | 0.24 | 4.9 | 7.5 | |
| 105G_1987_3385 | 0 | 0.03 | 0.3 | 0.10 | 6.2 | 1.1 | 2 | 17.3 | 0.06 | 5.6 | 0.061 | 0.23 | 4.5 | 7.2 | |
| 105G_1987_3386 | 0 | 0.08 | 0.7 | 0.39 | 4.9 | 3.8 | 1 | 20.4 | 0.05 | 3.5 | 0.103 | 0.23 | 3.7 | 5.7 | |
| 105G_1987_3387 | 0 | 0.01 | 0.3 | 0.12 | 5.7 | 0.4 | 1 | 21.5 | <0.02 | 3.5 | 0.171 | 0.23 | 1.1 | 2.5 | |
| 105G_1987_3388 | 0 | 0.02 | 0.2 | 0.24 | 4.9 | 0.8 | 3 | 14.4 | 0.03 | 2.7 | 0.081 | 0.15 | 0.6 | 1.8 | |
| 105G_1987_3389 | 0 | 0.04 | 0.2 | 0.25 | 1.8 | 1.3 | 3 | 31.3 | <0.02 | 2.1 | 0.046 | 0.13 | 7.6 | 9.2 | |
| 105G_1987_3390 | 0 | 0.33 | 0.2 | 0.26 | 0.7 | 1.5 | 1 | 46.0 | <0.02 | 0.3 | 0.007 | 0.13 | 4.5 | 4.9 | |
| 105G_1987_3391 | 0 | <0.01 | <0.2 | 0.31 | 1.7 | 0.2 | <1 | 22.8 | 0.04 | 12.0 | 0.034 | 0.14 | 2.2 | 5.4 | |
| 105G_1987_3392 | 0 | 0.01 | <0.2 | 0.26 | 4.3 | 0.2 | <1 | 26.8 | 0.04 | 10.5 | 0.052 | 0.39 | 8.3 | 10.3 | |
| 105G_1987_3393 | 0 | 0.03 | 0.5 | 0.31 | 2.5 | 0.5 | 1 | 27.7 | 0.03 | 7.6 | 0.025 | 0.24 | 12.0 | 15.3 | |
| 105G_1987_3394 | 0 | 0.03 | 0.4 | 0.69 | 1.7 | 0.5 | <1 | 32.9 | 0.15 | 6.5 | 0.025 | 0.30 | 5.8 | 8.5 | |
| 105G_1987_3395 | 0 | 0.10 | 0.2 | 0.21 | 3.4 | 0.7 | 2 | 42.4 | 0.04 | 7.7 | 0.019 | 0.22 | 15.3 | 17.6 | |
| 105G_1987_3396 | 0 | 0.03 | 0.2 | 0.15 | 3.0 | 0.5 | 2 | 27.3 | 0.03 | 7.8 | 0.023 | 0.19 | 7.8 | 9.7 | |
| 105G_1987_3397 | 0 | 0.50 | 1.2 | 1.28 | 3.7 | 3.7 | 4 | 48.9 | 1.50 | 18.1 | 0.045 | 0.36 | 8.9 | 10.7 | |
| 105G_1987_3398 | 0 | 0.04 | 0.3 | 0.24 | 1.9 | 1.0 | 3 | 38.9 | 0.31 | 9.9 | 0.035 | 0.28 | 8.5 | 10.4 | |
| 105G_1987_3399 | 0 | 0.05 | 0.4 | 0.40 | 2.3 | 0.9 | 1 | 53.1 | 0.06 | 12.1 | 0.044 | 0.42 | 9.0 | 12.8 | |
| 105G_1987_3403 | 1 | 0.06 | <0.2 | 0.09 | 4.7 | 1.7 | 4 | 40.8 | 0.03 | 2.7 | 0.056 | 0.18 | 89.0 | 98.7 | |
| 105G_1987_3404 | 2 | 0.07 | <0.2 | 0.09 | 5.0 | 1.9 | 3 | 43.7 | 0.03 | 2.9 | 0.058 | 0.18 | 93.6 | 102.0 | |
| 105G_1987_3405 | 0 | 0.02 | <0.2 | 0.13 | 2.3 | 0.3 | 2 | 16.6 | <0.02 | 7.9 | 0.021 | 0.18 | 78.0 | 80.9 | |
| 105G_1987_3406 | 0 | 0.04 | 0.2 | 0.18 | 5.3 | 0.6 | 4 | 32.2 | 0.03 | 6.1 | 0.050 | 0.07 | 2.3 | 4.0 | |
| 105G_1987_3407 | 0 | 0.03 | 0.2 | 0.32 | 3.9 | 0.2 | 1 | 26.7 | 0.03 | 7.1 | 0.032 | 0.08 | 2.2 | 3.9 | |
| 105G_1987_3408 | 0 | 0.04 | 0.2 | 0.22 | 4.8 | 0.3 | 1 | 47.9 | 0.03 | 9.9 | 0.045 | 0.04 | 7.7 | 9.4 | |
| 105G_1987_3409 | 0 | 0.05 | 0.4 | 0.33 | 2.1 | 0.8 | 2 | 19.6 | 0.08 | 4.3 | 0.014 | 0.09 | 2.9 | 4.7 | |
| 105G_1987_3410 | 0 | 0.02 | 0.2 | 0.12 | 3.4 | 0.1 | 2 | 34.7 | 0.02 | 7.2 | 0.045 | 0.03 | 3.3 | 4.7 | |
| 105G_1987_3411 | 0 | 0.03 | 0.6 | 0.28 | 7.0 | 0.5 | 3 | 27.3 | <0.02 | 9.9 | 0.022 | 0.06 | 2.4 | 4.1 | |
| 105G_1987_3412 | 0 | 0.10 | 4.6 | 4.58 | 2.4 | 3.4 | 2 | 47.5 | 0.19 | 5.6 | 0.022 | 0.17 | 9.4 | 11.9 | |
| 105G_1987_3413 | 0 | 0.08 | 3.2 | 2.37 | 3.5 | 4.6 | 3 | 31.4 | 0.41 | 3.6 | 0.016 | 0.18 | 10.6 | 13.1 | |
| 105G_1987_3414 | 0 | 0.13 | 14.5 | 11.35 | 2.9 | 6.1 | 4 | 51.0 | 0.50 | 4.7 | 0.025 | 0.14 | 8.2 | 11.1 | |
| 105G_1987_3415 | 0 | 0.05 | 0.5 | 0.57 | 1.9 | 2.1 | 1 | 26.0 | 0.04 | 2.1 | 0.014 | 0.10 | 4.3 | 6.8 | |
| 105G_1987_3416 | 0 | 0.06 | 0.5 | 0.46 | 1.7 | 2.3 | 1 | 41.6 | 0.06 | 9.6 | 0.025 | 0.27 | 12.0 | 15.7 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3380 | 0 | 34 | 27 | 2 | 0.2 | 70 | 62.8 |
| 105G_1987_3382 | 1 | 59 | 68 | 2 | 0.9 | 98 | 87.1 |
| 105G_1987_3383 | 2 | 59 | 60 | 2 | 0.7 | 85 | 75.9 |
| 105G_1987_3384 | 0 | 58 | 54 | 2 | 1.2 | 123 | 115.3 |
| 105G_1987_3385 | 0 | 48 | 45 | 2 | 0.3 | 136 | 134.7 |
| 105G_1987_3386 | 0 | 60 | 62 | 2 | 0.4 | 746 | 744.5 |
| 105G_1987_3387 | 0 | 66 | 64 | 2 | 0.1 | 177 | 171.7 |
| 105G_1987_3388 | 0 | 53 | 52 | 2 | 0.4 | 83 | 74.8 |
| 105G_1987_3389 | 0 | 30 | 25 | 2 | <0.1 | 65 | 59.5 |
| 105G_1987_3390 | 0 | 13 | 14 | 2 | 0.2 | 22 | 18.3 |
| 105G_1987_3391 | 0 | 15 | 13 | 2 | 0.4 | 42 | 41.9 |
| 105G_1987_3392 | 0 | 41 | 38 | 2 | 0.2 | 120 | 106.5 |
| 105G_1987_3393 | 0 | 25 | 22 | 2 | 0.2 | 89 | 83.5 |
| 105G_1987_3394 | 0 | 17 | 16 | 2 | 0.2 | 157 | 151.1 |
| 105G_1987_3395 | 0 | 26 | 22 | 8 | 0.3 | 110 | 94.1 |
| 105G_1987_3396 | 0 | 25 | 21 | 2 | 0.2 | 71 | 67.7 |
| 105G_1987_3397 | 0 | 25 | 22 | 4 | 0.2 | 504 | 472.7 |
| 105G_1987_3398 | 0 | 19 | 17 | 2 | <0.1 | 289 | 258.8 |
| 105G_1987_3399 | 0 | 24 | 21 | 2 | 0.5 | 120 | 100.9 |
| 105G_1987_3403 | 1 | 63 | 58 | 2 | 2.0 | 103 | 88.0 |
| 105G_1987_3404 | 2 | 65 | 61 | 8 | 2.5 | 102 | 85.7 |
| 105G_1987_3405 | 0 | 25 | 20 | 2 | 1.8 | 63 | 61.5 |
| 105G_1987_3406 | 0 | 52 | 53 | 2 | 0.1 | 93 | 87.3 |
| 105G_1987_3407 | 0 | 42 | 34 | 2 | 0.1 | 62 | 56.6 |
| 105G_1987_3408 | 0 | 44 | 42 | 2 | 0.2 | 63 | 55.2 |
| 105G_1987_3409 | 0 | 22 | 20 | 2 | 0.1 | 388 | 349.4 |
| 105G_1987_3410 | 0 | 31 | 31 | 2 | 0.2 | 39 | 37.7 |
| 105G_1987_3411 | 0 | 58 | 62 | 2 | 0.1 | 114 | 102.1 |
| 105G_1987_3412 | 0 | 39 | 38 | 2 | 1.3 | 773 | 758.0 |
| 105G_1987_3413 | 0 | 47 | 51 | 2 | 0.2 | 1275 | 1205.1 |
| 105G_1987_3414 | 0 | 55 | 60 | 2 | 0.4 | 1435 | 1353.4 |
| 105G_1987_3415 | 0 | 21 | 19 | 2 | 0.3 | 1255 | 214.1 |
| 105G_1987_3416 | 0 | 22 | 21 | 2 | 1.3 | 2140 | 385.3 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3417 | 0 | <0.2 | 159 | 1.00 | 8 | 8.0 | <1 | 10.0 | | | 1 | 1030 | 58.4 | 0.37 |
| 105G_1987_3418 | 0 | <0.2 | 76 | 0.98 | 2 | 0.7 | <1 | 10.0 | | | <1 | 755 | 96.4 | 0.09 |
| 105G_1987_3419 | 0 | <0.2 | 215 | 0.95 | 8 | 8.1 | <1 | 10.0 | | | 1 | 826 | 85.9 | 0.41 |
| 105G_1987_3420 | 0 | 0.4 | 173 | 1.09 | 17 | 15.7 | 7 | 10.0 | | | 1 | 762 | 96.8 | 0.57 |
| 105G_1987_3422 | 1 | 0.2 | 167 | 0.95 | 8 | 7.2 | 171 | 10.0 | <2 | 5.0 | <1 | 1000 | 94.9 | 0.82 |
| 105G_1987_3423 | 2 | 0.2 | 171 | 0.92 | 8 | 7.0 | <1 | 10.0 | <1 | 10.0 | 1 | 1010 | 99.0 | 0.77 |
| 105G_1987_3424 | 0 | <0.2 | 112 | 0.92 | 10 | 10.1 | <1 | 10.0 | | | 1 | 825 | 104.3 | 0.40 |
| 105G_1987_3425 | 0 | <0.2 | 61 | 1.04 | 4 | 23.3 | <1 | 10.0 | | | <1 | 685 | 56.5 | 0.18 |
| 105G_1987_3426 | 0 | 0.3 | 184 | 1.43 | <1 | 0.6 | 12 | 10.0 | 2 | 10.0 | 1 | 915 | 93.0 | 0.11 |
| 105G_1987_3427 | 0 | <0.2 | 106 | 1.79 | 11 | 11.8 | <1 | 10.0 | | | 1 | 459 | 60.8 | 0.28 |
| 105G_1987_3428 | 0 | <0.2 | 174 | 2.19 | 6 | 5.7 | 2 | 10.0 | | | 2 | 806 | 161.8 | 0.21 |
| 105G_1987_3429 | 0 | <0.2 | 61 | 1.65 | 7 | 6.0 | <1 | 10.0 | | | 1 | 1050 | 177.4 | 0.19 |
| 105G_1987_3430 | 0 | <0.2 | 163 | 2.00 | 15 | 12.9 | <1 | 10.0 | | | 2 | 782 | 185.5 | 0.14 |
| 105G_1987_3431 | 0 | <0.2 | 173 | 2.13 | 15 | 13.4 | 9 | 10.0 | | | 3 | 741 | 274.5 | 0.11 |
| 105G_1987_3432 | 0 | 0.3 | 345 | 2.25 | 5 | 5.2 | <1 | 10.0 | | | 1 | 1120 | 277.1 | 0.31 |
| 105G_1987_3433 | 0 | 0.5 | 473 | 1.94 | 11 | 29.6 | 248 | 10.0 | 172 | 10.0 | 1 | 915 | 178.8 | 0.36 |
| 105G_1987_3434 | 0 | 0.2 | 200 | 1.83 | 34 | 12.1 | 32 | 10.0 | 104 | 10.0 | <1 | 937 | 208.4 | 0.32 |
| 105G_1987_3435 | 0 | 0.3 | 420 | 1.60 | 4 | 4.7 | <1 | 10.0 | | | 1 | 1470 | 240.7 | 0.72 |
| 105G_1987_3436 | 0 | <0.2 | 51 | 1.75 | 7 | 8.2 | 3 | 10.0 | | | 2 | 634 | 78.1 | 0.17 |
| 105G_1987_3437 | 0 | <0.2 | 55 | 1.74 | 109 | 83.4 | <1 | 10.0 | | | 2 | 863 | 114.5 | 0.28 |
| 105G_1987_3439 | 0 | 0.3 | 263 | 0.96 | 8 | 9.6 | <1 | 10.0 | | | 5 | 1840 | 501.5 | 0.21 |
| 105G_1987_3440 | 0 | <0.2 | 105 | 0.89 | 11 | 14.0 | 8 | 10.0 | 3 | 10.0 | 3 | 1290 | 334.8 | 0.15 |
| 105G_1987_3442 | 0 | <0.2 | 154 | 0.93 | 3 | 4.8 | <1 | 10.0 | | | 4 | 1030 | 211.0 | 0.14 |
| 105G_1987_3443 | 0 | <0.2 | 94 | 0.97 | 3 | 3.7 | <1 | 10.0 | | | 2 | 1060 | 201.2 | 0.09 |
| 105G_1987_3444 | 0 | 0.3 | 238 | 0.92 | 4 | 7.1 | 3 | 10.0 | | | 8 | 1160 | 320.3 | 0.16 |
| 105G_1987_3445 | 1 | 0.2 | 257 | 1.00 | 5 | 6.1 | <1 | 10.0 | | | 6 | 1250 | 325.2 | 0.15 |
| 105G_1987_3446 | 2 | <0.2 | 290 | 0.98 | 4 | 6.1 | 1 | 10.0 | | | 5 | 1260 | 338.2 | 0.16 |
| 105G_1987_3447 | 0 | 0.3 | 293 | 1.73 | 2 | 3.7 | 3 | 10.0 | | | 6 | 1140 | 294.0 | 0.10 |
| 105G_1987_3448 | 0 | 0.2 | 220 | 1.35 | 4 | 5.2 | <1 | 10.0 | | | 4 | 1310 | 280.2 | 0.15 |
| 105G_1987_3449 | 0 | <0.2 | 252 | 1.12 | 11 | 12.4 | 9 | 10.0 | 9 | 7.5 | 3 | 1190 | 300.6 | 0.22 |
| 105G_1987_3450 | 0 | <0.2 | 238 | 1.27 | 5 | 5.8 | <1 | 10.0 | | | 3 | 1530 | 358.4 | 0.16 |
| 105G_1987_3451 | 0 | 0.6 | 536 | 1.83 | 10 | 11.5 | 3 | 10.0 | | | 4 | 1490 | 358.9 | 0.15 |
| 105G_1987_3452 | 0 | 0.3 | 244 | 1.85 | 3 | 4.3 | <1 | 10.0 | | | 2 | 1360 | 235.9 | 0.11 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3417 | 0 | 0.30 | <0.2 | 0.21 | 8 | 9.2 | 16.9 | 33 | 32.10 | 575 | 2.42 | 2.02 | 2.9 | 25 | 19 |
| 105G_1987_3418 | 0 | 0.32 | <0.2 | 0.17 | 8 | 9.1 | 5.5 | 16 | 15.10 | 235 | 1.76 | 1.46 | 2.2 | <10 | 14 |
| 105G_1987_3419 | 0 | 0.41 | <0.2 | 0.49 | 8 | 8.5 | 12.8 | 27 | 26.37 | 335 | 1.88 | 1.66 | 2.4 | 25 | 23 |
| 105G_1987_3420 | 0 | 0.27 | 1.7 | 1.82 | 24 | 26.4 | 6.2 | 198 | 192.86 | 275 | 1.80 | 1.55 | 1.8 | 15 | 19 |
| 105G_1987_3422 | 1 | 0.35 | 0.3 | 0.56 | 10 | 12.2 | 9.6 | 47 | 43.18 | 345 | 2.30 | 2.03 | 2.4 | 15 | 19 |
| 105G_1987_3423 | 2 | 0.35 | 0.4 | 0.60 | 10 | 11.7 | 9.9 | 45 | 43.13 | 390 | 2.29 | 1.95 | 2.4 | 10 | 14 |
| 105G_1987_3424 | 0 | 0.34 | <0.2 | 0.43 | 8 | 7.9 | 11.1 | 23 | 22.71 | 340 | 1.79 | 1.56 | 2.5 | 20 | 18 |
| 105G_1987_3425 | 0 | 0.38 | <0.2 | 0.17 | 10 | 10.6 | 18.0 | 19 | 17.92 | 405 | 2.27 | 1.94 | 2.8 | 20 | 13 |
| 105G_1987_3426 | 0 | 0.53 | <0.2 | 0.22 | 11 | 11.1 | 12.4 | 24 | 25.85 | 235 | 2.48 | 2.14 | 3.2 | 25 | 26 |
| 105G_1987_3427 | 0 | 0.53 | <0.2 | 0.38 | 26 | 30.7 | 65.0 | 39 | 40.15 | 205 | 3.31 | 3.30 | 4.1 | 15 | 22 |
| 105G_1987_3428 | 0 | 0.75 | <0.2 | 0.30 | 19 | 21.4 | 66.4 | 46 | 42.16 | 210 | 3.08 | 2.81 | 4.6 | 25 | 39 |
| 105G_1987_3429 | 0 | 0.50 | <0.2 | 0.30 | 9 | 10.7 | 33.0 | 18 | 17.66 | 180 | 2.59 | 2.43 | 4.3 | 25 | 30 |
| 105G_1987_3430 | 0 | 0.60 | 0.7 | 0.88 | 20 | 20.8 | 96.3 | 57 | 52.34 | 225 | 2.96 | 2.66 | 4.2 | 20 | 23 |
| 105G_1987_3431 | 0 | 0.79 | 0.2 | 0.40 | 19 | 21.4 | 115.5 | 52 | 51.11 | 130 | 2.96 | 2.68 | 4.1 | 20 | 25 |
| 105G_1987_3432 | 0 | 0.95 | 1.8 | 2.02 | 14 | 16.3 | 70.2 | 50 | 46.13 | 350 | 3.11 | 2.95 | 6.0 | 25 | 28 |
| 105G_1987_3433 | 0 | 0.23 | 0.9 | 1.32 | 82 | 108.2 | 181.3 | 2710 | 1935.72 | 205 | 5.33 | 6.07 | 4.7 | 185 | 203 |
| 105G_1987_3434 | 0 | 0.30 | 1.0 | 1.19 | 96 | 90.4 | 125.4 | 4510 | 1137.71 | 325 | 4.19 | 4.14 | 5.2 | 65 | 69 |
| 105G_1987_3435 | 0 | 0.57 | 0.5 | 0.73 | 12 | 13.9 | 68.9 | 62 | 52.84 | 445 | 2.78 | 2.49 | 5.3 | 50 | 55 |
| 105G_1987_3436 | 0 | 1.34 | <0.2 | 0.16 | 15 | 16.4 | 38.9 | 26 | 22.90 | 525 | 3.80 | 3.62 | 4.9 | 20 | 18 |
| 105G_1987_3437 | 0 | 1.38 | <0.2 | 0.11 | 17 | 18.9 | 31.2 | 26 | 24.60 | 570 | 3.83 | 3.72 | 4.5 | 15 | 16 |
| 105G_1987_3439 | 0 | 1.31 | 0.7 | 1.00 | 9 | 9.8 | 35.4 | 42 | 40.09 | 320 | 2.17 | 2.00 | 2.5 | 80 | 75 |
| 105G_1987_3440 | 0 | 0.58 | 0.4 | 0.67 | 9 | 11.6 | 63.8 | 22 | 21.67 | 300 | 2.20 | 2.15 | 2.4 | 75 | 85 |
| 105G_1987_3442 | 0 | 0.92 | 0.7 | 0.82 | 7 | 7.9 | 49.4 | 40 | 39.94 | 310 | 1.62 | 1.31 | 2.4 | 130 | 158 |
| 105G_1987_3443 | 0 | 0.58 | <0.2 | 0.45 | 9 | 9.0 | 50.9 | 18 | 17.56 | 300 | 1.85 | 1.63 | 2.5 | 70 | 76 |
| 105G_1987_3444 | 0 | 1.48 | 1.0 | 1.06 | 9 | 10.3 | 66.0 | 45 | 43.96 | 265 | 2.01 | 1.74 | 2.3 | 180 | 160 |
| 105G_1987_3445 | 1 | 1.23 | 0.8 | 1.13 | 9 | 8.8 | 49.9 | 40 | 35.37 | 260 | 2.15 | 1.74 | 2.5 | 190 | 202 |
| 105G_1987_3446 | 2 | 1.43 | 0.9 | 1.28 | 7 | 8.8 | 52.0 | 37 | 38.96 | 260 | 1.84 | 1.77 | 2.5 | 215 | 203 |
| 105G_1987_3447 | 0 | 1.16 | 0.8 | 1.19 | 14 | 15.7 | 120.3 | 35 | 35.60 | 300 | 2.62 | 2.45 | 3.7 | 100 | 102 |
| 105G_1987_3448 | 0 | 0.75 | 0.3 | 0.85 | 11 | 12.4 | 72.0 | 28 | 28.62 | 355 | 2.30 | 2.09 | 3.4 | 100 | 82 |
| 105G_1987_3449 | 0 | 0.93 | 0.5 | 0.87 | 12 | 12.5 | 46.3 | 30 | 32.46 | 370 | 2.78 | 2.55 | 2.6 | 55 | 84 |
| 105G_1987_3450 | 0 | 0.64 | 0.5 | 0.76 | 11 | 13.1 | 87.4 | 31 | 35.23 | 365 | 2.24 | 2.08 | 2.8 | 105 | 74 |
| 105G_1987_3451 | 0 | 1.12 | 1.2 | 1.41 | 15 | 17.3 | 119.3 | 71 | 73.47 | 330 | 3.15 | 2.85 | 3.5 | 260 | 278 |
| 105G_1987_3452 | 0 | 0.79 | <0.2 | 0.45 | 13 | 15.1 | 78.2 | 63 | 61.68 | 325 | 2.85 | 2.66 | 4.2 | 230 | 215 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3417 | 0 | 0.37 | 44.0 | 3.0 | 0.68 | 377 | 476 | 6 | 4.05 | 0.005 | 10 | 10.5 | 0.067 | 48 | 39.51 |
| 105G_1987_3418 | 0 | 0.22 | 18.3 | 3.4 | 0.57 | 329 | 423 | <2 | 0.93 | 0.012 | 4 | 4.0 | 0.050 | 14 | 11.16 |
| 105G_1987_3419 | 0 | 0.27 | 30.2 | 6.0 | 0.56 | 413 | 546 | 3 | 2.74 | 0.011 | 9 | 8.5 | 0.065 | 37 | 30.35 |
| 105G_1987_3420 | 0 | 0.14 | 37.1 | 2.8 | 0.32 | 634 | 856 | 2 | 2.28 | 0.007 | 13 | 13.0 | 0.070 | 35 | 32.54 |
| 105G_1987_3422 | 1 | 0.26 | 32.4 | 4.0 | 0.61 | 361 | 467 | 3 | 2.42 | 0.005 | 8 | 8.1 | 0.074 | 42 | 33.30 |
| 105G_1987_3423 | 2 | 0.27 | 33.2 | 4.0 | 0.60 | 345 | 442 | 2 | 2.41 | 0.005 | 8 | 8.1 | 0.074 | 41 | 35.05 |
| 105G_1987_3424 | 0 | 0.16 | 21.9 | 4.6 | 0.42 | 217 | 288 | <2 | 1.46 | 0.005 | 13 | 12.2 | 0.070 | 28 | 22.31 |
| 105G_1987_3425 | 0 | 0.23 | 21.6 | 3.4 | 0.58 | 281 | 363 | <2 | 0.48 | 0.004 | 16 | 15.0 | 0.085 | 19 | 14.67 |
| 105G_1987_3426 | 0 | 0.25 | 20.5 | 9.2 | 0.96 | 436 | 559 | <2 | 0.85 | 0.006 | 9 | 8.2 | 0.065 | 17 | 13.23 |
| 105G_1987_3427 | 0 | 0.07 | 15.6 | 4.2 | 2.35 | 389 | 555 | 2 | 1.25 | 0.011 | 148 | 143.9 | 0.061 | 10 | 8.81 |
| 105G_1987_3428 | 0 | 0.14 | 18.0 | 15.2 | 1.73 | 529 | 636 | <2 | 0.79 | 0.019 | 236 | 201.3 | 0.098 | 15 | 11.76 |
| 105G_1987_3429 | 0 | 0.10 | 31.8 | 5.2 | 0.96 | 419 | 598 | <2 | 0.66 | 0.014 | 28 | 27.3 | 0.048 | 11 | 9.39 |
| 105G_1987_3430 | 0 | 0.08 | 17.9 | 5.2 | 1.96 | 359 | 482 | <2 | 0.86 | 0.011 | 118 | 109.5 | 0.044 | 14 | 11.28 |
| 105G_1987_3431 | 0 | 0.11 | 15.7 | 3.6 | 2.13 | 350 | 481 | <2 | 0.68 | 0.030 | 120 | 113.7 | 0.037 | 11 | 9.17 |
| 105G_1987_3432 | 0 | 0.20 | 31.1 | 14.2 | 1.36 | 530 | 702 | 2 | 2.61 | 0.035 | 64 | 62.5 | 0.106 | 27 | 22.09 |
| 105G_1987_3433 | 0 | 0.10 | 25.6 | 5.2 | 1.37 | 324 | 376 | 3 | 5.27 | 0.010 | 81 | 95.4 | 0.061 | 15 | 12.41 |
| 105G_1987_3434 | 0 | 0.16 | 24.5 | 4.0 | 1.30 | 261 | 447 | 4 | 4.00 | 0.015 | 97 | 82.0 | 0.065 | 13 | 11.28 |
| 105G_1987_3435 | 0 | 0.36 | 33.0 | 7.6 | 1.12 | 243 | 336 | <2 | 1.00 | 0.014 | 54 | 51.1 | 0.102 | 65 | 57.28 |
| 105G_1987_3436 | 0 | 0.06 | 15.3 | 4.2 | 1.39 | 409 | 548 | <2 | 0.78 | 0.007 | 41 | 39.4 | 0.074 | 17 | 13.44 |
| 105G_1987_3437 | 0 | 0.12 | 18.9 | 3.8 | 1.11 | 342 | 461 | <2 | 0.58 | 0.016 | 39 | 37.3 | 0.102 | 14 | 11.06 |
| 105G_1987_3439 | 0 | 0.13 | 11.2 | 9.4 | 0.78 | 799 | 1025 | <2 | 1.85 | 0.009 | 50 | 47.8 | 0.088 | 15 | 11.89 |
| 105G_1987_3440 | 0 | 0.09 | 14.7 | 3.2 | 1.02 | 355 | 473 | <2 | 1.63 | 0.006 | 76 | 76.3 | 0.100 | 12 | 10.30 |
| 105G_1987_3442 | 0 | 0.09 | 9.4 | 23.0 | 0.65 | 188 | 215 | <2 | 0.69 | 0.011 | 52 | 51.1 | 0.057 | 10 | 8.91 |
| 105G_1987_3443 | 0 | 0.06 | 13.4 | 7.0 | 0.77 | 338 | 423 | <2 | 0.28 | 0.006 | 57 | 52.5 | 0.081 | 9 | 6.93 |
| 105G_1987_3444 | 0 | 0.07 | 10.0 | 27.8 | 0.81 | 658 | 742 | <2 | 0.61 | 0.010 | 93 | 85.1 | 0.081 | 15 | 11.54 |
| 105G_1987_3445 | 1 | 0.10 | 12.2 | 27.0 | 0.77 | 905 | 1010 | <2 | 0.97 | 0.009 | 92 | 83.1 | 0.093 | 14 | 10.79 |
| 105G_1987_3446 | 2 | 0.10 | 12.2 | 30.0 | 0.80 | 792 | 1008 | <2 | 1.01 | 0.009 | 85 | 91.5 | 0.096 | 13 | 11.65 |
| 105G_1987_3447 | 0 | 0.08 | 15.4 | 19.4 | 1.50 | 603 | 793 | <2 | 0.74 | 0.010 | 117 | 113.3 | 0.103 | 9 | 6.68 |
| 105G_1987_3448 | 0 | 0.08 | 14.6 | 10.8 | 1.04 | 363 | 466 | <2 | 0.78 | 0.007 | 81 | 79.4 | 0.102 | 13 | 10.58 |
| 105G_1987_3449 | 0 | 0.10 | 14.5 | 14.0 | 0.73 | 1014 | 1394 | <2 | 1.02 | 0.008 | 87 | 83.7 | 0.098 | 20 | 17.15 |
| 105G_1987_3450 | 0 | 0.10 | 15.3 | 8.8 | 1.14 | 259 | 345 | <2 | 1.11 | 0.007 | 132 | 131.7 | 0.088 | 14 | 10.54 |
| 105G_1987_3451 | 0 | 0.11 | 17.0 | 19.8 | 1.35 | 657 | 804 | <2 | 1.23 | 0.009 | 150 | 144.5 | 0.112 | 18 | 15.39 |
| 105G_1987_3452 | 0 | 0.07 | 14.7 | 10.4 | 1.26 | 286 | 372 | <2 | 0.84 | 0.007 | 85 | 80.9 | 0.083 | 14 | 11.28 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U | |
|----------------|----------|--------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|--------|--------|-------|
| | | ICP-MS | HY-AAS | ICP-MS | ICP-MS | ICP-MS | AAS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | ICP-MS | NADNC |
| | | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 | |
| 105G_1987_3417 | 0 | <0.01 | 0.3 | 0.25 | 2.1 | 0.2 | 1 | 42.6 | 0.03 | 18.4 | 0.059 | 0.49 | 13.1 | 15.8 | |
| 105G_1987_3418 | 0 | 0.02 | <0.2 | 0.14 | 1.6 | 0.4 | 1 | 30.3 | <0.02 | 6.0 | 0.035 | 0.14 | 8.6 | 11.6 | |
| 105G_1987_3419 | 0 | 0.04 | <0.2 | 0.16 | 1.9 | 1.0 | 1 | 54.7 | 0.06 | 10.5 | 0.034 | 0.28 | 31.6 | 32.5 | |
| 105G_1987_3420 | 0 | 0.12 | 0.2 | 0.14 | 2.0 | 0.8 | 2 | 25.5 | 0.19 | 7.9 | 0.024 | 0.12 | 6.0 | 8.8 | |
| 105G_1987_3422 | 1 | 0.05 | 0.2 | 0.13 | 1.9 | 0.5 | 2 | 40.5 | 0.13 | 10.7 | 0.042 | 0.28 | 9.2 | 13.2 | |
| 105G_1987_3423 | 2 | 0.03 | 0.2 | 0.13 | 2.0 | 0.4 | 1 | 37.9 | 0.12 | 11.0 | 0.044 | 0.29 | 9.2 | 11.6 | |
| 105G_1987_3424 | 0 | 0.04 | 0.2 | 0.10 | 1.4 | 0.9 | 1 | 27.0 | 0.05 | 6.2 | 0.028 | 0.19 | 3.6 | 6.1 | |
| 105G_1987_3425 | 0 | 0.02 | 0.2 | 0.08 | 1.5 | 0.4 | <1 | 24.1 | 0.03 | 6.8 | 0.048 | 0.21 | 2.5 | 5.9 | |
| 105G_1987_3426 | 0 | 0.05 | <0.2 | 0.11 | 2.0 | 0.8 | 2 | 32.0 | <0.02 | 4.9 | 0.034 | 0.18 | 18.7 | 22.3 | |
| 105G_1987_3427 | 0 | 0.04 | 0.2 | 0.16 | 3.1 | 0.6 | 1 | 26.9 | 0.06 | 4.1 | 0.052 | 0.04 | 8.7 | 9.5 | |
| 105G_1987_3428 | 0 | 0.08 | 0.2 | 0.15 | 3.5 | 1.7 | 2 | 33.5 | 0.03 | 4.3 | 0.030 | 0.09 | 3.9 | 4.7 | |
| 105G_1987_3429 | 0 | 0.02 | 0.3 | 0.27 | 4.0 | 0.5 | 3 | 40.6 | 0.02 | 8.8 | 0.029 | 0.04 | 14.2 | 15.2 | |
| 105G_1987_3430 | 0 | 0.03 | 0.2 | 0.23 | 4.4 | 0.8 | 4 | 25.7 | 0.03 | 5.2 | 0.033 | 0.05 | 3.4 | 4.6 | |
| 105G_1987_3431 | 0 | 0.05 | 0.4 | 0.34 | 4.4 | 0.5 | 6 | 33.1 | 0.03 | 5.4 | 0.051 | 0.04 | 2.8 | 3.8 | |
| 105G_1987_3432 | 0 | 0.07 | <0.2 | 0.14 | 5.4 | 2.6 | 5 | 44.6 | 0.05 | 4.1 | 0.066 | 0.22 | 4.5 | 6.1 | |
| 105G_1987_3433 | 0 | 1.03 | 0.5 | 0.49 | 5.3 | 2.7 | 5 | 13.5 | 0.16 | 5.4 | 0.027 | 0.08 | 1.8 | 3.3 | |
| 105G_1987_3434 | 0 | 0.18 | 0.2 | 0.24 | 5.4 | 1.7 | 4 | 16.8 | 0.09 | 5.1 | 0.046 | 0.12 | 2.2 | 3.2 | |
| 105G_1987_3435 | 0 | 0.11 | <0.2 | 0.09 | 4.7 | 1.5 | 2 | 23.6 | 0.03 | 4.8 | 0.104 | 0.28 | 5.1 | 6.8 | |
| 105G_1987_3436 | 0 | 0.07 | 0.4 | 0.48 | 3.7 | 0.2 | 5 | 52.5 | <0.02 | 5.6 | 0.012 | 0.03 | 0.5 | 3.0 | |
| 105G_1987_3437 | 0 | 0.09 | 2.3 | 2.01 | 3.8 | 0.3 | 5 | 52.2 | 0.03 | 8.3 | 0.020 | 0.07 | 0.6 | 3.1 | |
| 105G_1987_3439 | 0 | 0.08 | 1.2 | 1.11 | 3.1 | 1.0 | 5 | 63.8 | 0.03 | 3.5 | 0.012 | 0.12 | 1.3 | 2.8 | |
| 105G_1987_3440 | 0 | 0.06 | 1.2 | 1.17 | 2.5 | 0.6 | 4 | 40.9 | 0.04 | 3.8 | 0.025 | 0.08 | 0.8 | 2.5 | |
| 105G_1987_3442 | 0 | 0.49 | 0.4 | 1.31 | 2.9 | 2.1 | 3 | 87.8 | 0.02 | 2.8 | 0.010 | 0.10 | 2.3 | 3.7 | |
| 105G_1987_3443 | 0 | 0.05 | 0.2 | 0.40 | 2.5 | 1.0 | 4 | 30.6 | 0.02 | 3.4 | 0.024 | 0.06 | 0.8 | 2.6 | |
| 105G_1987_3444 | 0 | 0.22 | 0.2 | 0.91 | 3.0 | 2.4 | 4 | 70.2 | 0.02 | 2.3 | 0.010 | 0.09 | 2.2 | 3.7 | |
| 105G_1987_3445 | 1 | 0.16 | 0.2 | 0.75 | 2.6 | 2.1 | 5 | 73.9 | 0.02 | 2.4 | 0.010 | 0.11 | 2.4 | 4.5 | |
| 105G_1987_3446 | 2 | 0.16 | 0.2 | 0.74 | 2.7 | 2.3 | 4 | 86.7 | 0.03 | 2.5 | 0.010 | 0.11 | 3.0 | 4.7 | |
| 105G_1987_3447 | 0 | 0.10 | 0.2 | 0.53 | 4.3 | 2.5 | 4 | 50.9 | 0.03 | 1.5 | 0.031 | 0.07 | 1.7 | 3.3 | |
| 105G_1987_3448 | 0 | 0.08 | 0.3 | 0.52 | 3.6 | 1.6 | 5 | 40.6 | 0.02 | 2.5 | 0.043 | 0.09 | 1.5 | 3.8 | |
| 105G_1987_3449 | 0 | 0.11 | 0.4 | 0.57 | 2.3 | 2.1 | 4 | 46.2 | 0.05 | 3.5 | 0.009 | 0.07 | 1.8 | 4.0 | |
| 105G_1987_3450 | 0 | 0.05 | 1.0 | 0.86 | 3.3 | 0.9 | 4 | 41.1 | 0.02 | 3.8 | 0.015 | 0.09 | 1.6 | 4.0 | |
| 105G_1987_3451 | 0 | 0.13 | 0.5 | 1.01 | 5.8 | 3.5 | 4 | 49.0 | 0.03 | 2.6 | 0.037 | 0.13 | 4.3 | 6.3 | |
| 105G_1987_3452 | 0 | 0.08 | 0.2 | 0.41 | 5.9 | 1.5 | 4 | 26.8 | <0.02 | 2.4 | 0.072 | 0.10 | 2.3 | 4.1 | |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3417 | 0 | 17 | 16 | 2 | 0.6 | 73 | 65.9 |
| 105G_1987_3418 | 0 | 21 | 16 | 2 | 0.2 | 65 | 59.4 |
| 105G_1987_3419 | 0 | 19 | 15 | 2 | 0.6 | 89 | 79.9 |
| 105G_1987_3420 | 0 | 17 | 12 | 2 | 0.5 | 310 | 298.7 |
| 105G_1987_3422 | 1 | 20 | 16 | 2 | 0.1 | 132 | 110.7 |
| 105G_1987_3423 | 2 | 17 | 18 | 2 | 0.2 | 124 | 109.9 |
| 105G_1987_3424 | 0 | 18 | 14 | 2 | <0.1 | 97 | 92.1 |
| 105G_1987_3425 | 0 | 23 | 18 | 2 | 0.2 | 63 | 55.7 |
| 105G_1987_3426 | 0 | 32 | 27 | 2 | <0.1 | 79 | 68.7 |
| 105G_1987_3427 | 0 | 37 | 47 | 2 | 0.6 | 77 | 70.6 |
| 105G_1987_3428 | 0 | 37 | 36 | 2 | 0.2 | 95 | 78.2 |
| 105G_1987_3429 | 0 | 45 | 35 | 2 | 0.2 | 70 | 65.3 |
| 105G_1987_3430 | 0 | 47 | 40 | 2 | 0.2 | 97 | 79.9 |
| 105G_1987_3431 | 0 | 48 | 43 | 2 | 0.2 | 75 | 70.9 |
| 105G_1987_3432 | 0 | 69 | 59 | 2 | 0.3 | 161 | 139.4 |
| 105G_1987_3433 | 0 | 64 | 59 | 32 | 1.2 | 562 | 565.3 |
| 105G_1987_3434 | 0 | 65 | 57 | 2 | 2.1 | 295 | 537.6 |
| 105G_1987_3435 | 0 | 59 | 54 | 2 | 18.0 | 312 | 272.1 |
| 105G_1987_3436 | 0 | 29 | 26 | 2 | <0.1 | 96 | 83.3 |
| 105G_1987_3437 | 0 | 30 | 26 | 2 | <0.1 | 76 | 69.4 |
| 105G_1987_3439 | 0 | 37 | 36 | 2 | <0.1 | 116 | 108.3 |
| 105G_1987_3440 | 0 | 32 | 34 | 2 | 0.3 | 168 | 164.0 |
| 105G_1987_3442 | 0 | 26 | 23 | 2 | <0.1 | 87 | 83.1 |
| 105G_1987_3443 | 0 | 30 | 28 | 2 | 0.1 | 77 | 68.7 |
| 105G_1987_3444 | 0 | 30 | 26 | 2 | <0.1 | 115 | 93.5 |
| 105G_1987_3445 | 1 | 31 | 25 | 2 | <0.1 | 128 | 106.2 |
| 105G_1987_3446 | 2 | 26 | 25 | 2 | <0.1 | 121 | 112.4 |
| 105G_1987_3447 | 0 | 38 | 37 | 2 | <0.1 | 125 | 110.7 |
| 105G_1987_3448 | 0 | 35 | 34 | 2 | <0.1 | 128 | 115.2 |
| 105G_1987_3449 | 0 | 26 | 23 | 2 | <0.1 | 118 | 120.4 |
| 105G_1987_3450 | 0 | 24 | 29 | 2 | 0.2 | 120 | 118.1 |
| 105G_1987_3451 | 0 | 45 | 43 | 2 | <0.1 | 170 | 151.7 |
| 105G_1987_3452 | 0 | 50 | 52 | 2 | 0.1 | 114 | 99.2 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3453 | 0 | 0.9 | 850 | 1.76 | 8 | 10.3 | 6 | 10.0 | 26 | 1.0 | 5 | 1220 | 397.1 | 0.13 |
| 105G_1987_3454 | 0 | 0.7 | 752 | 0.49 | <1 | 2.5 | <10 | 1.0 | | | 18 | 317 | 261.8 | 0.03 |
| 105G_1987_3455 | 0 | <0.2 | 190 | 0.97 | 6 | 6.9 | 2 | 10.0 | | | 4 | 1360 | 286.8 | 0.17 |
| 105G_1987_3456 | 0 | 0.2 | 128 | 1.09 | 12 | 11.5 | 3 | 10.0 | | | 2 | 1180 | 240.2 | 0.12 |
| 105G_1987_3457 | 0 | <0.2 | 188 | 1.07 | 18 | 16.7 | 5 | 10.0 | 8 | 5.0 | 3 | 1300 | 302.9 | 0.14 |
| 105G_1987_3459 | 0 | <0.2 | 135 | 1.01 | 47 | 47.4 | <1 | 10.0 | | | 2 | 1070 | 183.1 | 0.21 |
| 105G_1987_3460 | 0 | <0.2 | 188 | 1.24 | 108 | 95.0 | <1 | 10.0 | | | 3 | 1130 | 254.0 | 0.22 |
| 105G_1987_3462 | 1 | <0.2 | 76 | 0.74 | 16 | 11.8 | <1 | 10.0 | | | 1 | 942 | 185.0 | 0.17 |
| 105G_1987_3463 | 2 | <0.2 | 102 | 0.87 | 13 | 12.4 | <1 | 10.0 | | | 1 | 996 | 205.7 | 0.21 |
| 105G_1987_3464 | 0 | <0.2 | 99 | 1.24 | 3 | 4.4 | <1 | 10.0 | | | 2 | 939 | 253.9 | 0.17 |
| 105G_1987_3465 | 0 | <0.2 | 81 | 1.70 | 1 | 2.4 | <1 | 10.0 | | | 2 | 794 | 152.2 | 0.31 |
| 105G_1987_3466 | 0 | <0.2 | 171 | 1.69 | 3 | 3.8 | <1 | 10.0 | | | 2 | 886 | 202.5 | 0.39 |
| 105G_1987_3467 | 0 | <0.2 | 48 | 1.43 | 2 | 2.6 | <1 | 10.0 | | | 1 | 981 | 149.5 | 0.38 |
| 105G_1987_3468 | 0 | <0.2 | 21 | 1.15 | 1 | 1.5 | <1 | 10.0 | | | 1 | 1010 | 83.6 | 0.46 |
| 105G_1987_3469 | 0 | | | | | | | | | | | | | |
| 105G_1987_3470 | 0 | <0.2 | 42 | 0.94 | 2 | 2.4 | <1 | 10.0 | | | 1 | 783 | 87.8 | 0.32 |
| 105G_1987_3471 | 0 | 0.9 | 782 | 2.55 | 7 | 8.4 | 2 | 10.0 | | | 1 | 749 | 250.4 | 2.36 |
| 105G_1987_3473 | 0 | <0.2 | 209 | 1.59 | 4 | 4.7 | <1 | 10.0 | | | 2 | 794 | 166.7 | 0.60 |
| 105G_1987_3474 | 0 | 0.2 | 146 | 1.25 | 2 | 2.4 | <1 | 10.0 | | | 2 | 585 | 67.4 | 0.45 |
| 105G_1987_3475 | 0 | <0.2 | 89 | 1.13 | 9 | 9.6 | <1 | 10.0 | | | 1 | 556 | 106.7 | 0.34 |
| 105G_1987_3476 | 0 | <0.2 | 95 | 1.64 | 3 | 4.4 | <1 | 10.0 | | | 1 | 783 | 254.3 | 0.22 |
| 105G_1987_3477 | 0 | <0.2 | 75 | 3.68 | 3 | 3.9 | 4 | 10.0 | | | 6 | 242 | 119.0 | 0.20 |
| 105G_1987_3478 | 0 | 0.4 | 175 | 1.77 | 10 | 10.5 | <1 | 10.0 | | | 1 | 989 | 162.8 | 0.32 |
| 105G_1987_3479 | 0 | 0.2 | 198 | 1.73 | 14 | 12.9 | <1 | 10.0 | | | 1 | 1020 | 192.9 | 0.46 |
| 105G_1987_3480 | 0 | <0.2 | 53 | 1.81 | <1 | 1.0 | <1 | 10.0 | | | 1 | 957 | 255.4 | 0.22 |
| 105G_1987_3482 | 1 | <0.2 | 75 | 1.19 | 4 | 4.2 | <1 | 10.0 | | | <1 | 920 | 134.1 | 0.22 |
| 105G_1987_3484 | 2 | <0.2 | 74 | 1.19 | 5 | 4.6 | <1 | 10.0 | | | 1 | 1010 | 139.7 | 0.23 |
| 105G_1987_3485 | 0 | 1.8 | 1549 | 0.53 | 81 | 72.6 | 9 | 10.0 | 21 | 10.0 | 1 | 8050 | 1259.2 | 2.87 |
| 105G_1987_3486 | 0 | 0.4 | 460 | 1.16 | 30 | 24.4 | 3 | 10.0 | 9 | 10.0 | 1 | 3260 | 884.3 | 0.81 |
| 105G_1987_3487 | 0 | 1.9 | 1841 | 1.65 | 94 | 80.7 | 11 | 10.0 | 39 | 1.0 | <1 | 2810 | 223.8 | 1.22 |
| 105G_1987_3488 | 0 | 0.8 | 714 | 1.35 | 88 | 70.6 | 7 | 10.0 | 11 | 5.0 | <1 | 2860 | 326.7 | 1.47 |
| 105G_1987_3489 | 0 | 0.7 | 633 | 1.17 | 20 | 18.2 | 5 | 10.0 | | | 1 | 831 | 278.8 | 0.86 |
| 105G_1987_3490 | 0 | 0.8 | 772 | 0.63 | 16 | 15.2 | 4 | 10.0 | | | 1 | 3510 | 399.3 | 2.08 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|-------------|------------|---------------|------------|---------------|---------------|---------------|------------|---------------|------------|------------|-------------|---------------|---------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3453 | 0 | 2.00 | 1.6 | 1.83 | 9 | 12.2 | 85.9 | 178 | 176.45 | 310 | 2.35 | 2.13 | 3.4 | 1505 | 1510 |
| 105G_1987_3454 | 0 | 2.05 | 5.6 | 5.76 | <2 | 0.7 | 9.5 | 274 | 289.92 | 260 | 0.26 | 0.15 | 0.5 | 615 | 702 |
| 105G_1987_3455 | 0 | 0.97 | 0.5 | 0.67 | 10 | 11.4 | 53.2 | 33 | 31.29 | 340 | 2.32 | 1.99 | 2.7 | 155 | 144 |
| 105G_1987_3456 | 0 | 0.69 | 0.4 | 0.53 | 13 | 14.4 | 67.2 | 29 | 26.58 | 335 | 2.55 | 2.35 | 2.9 | 95 | 111 |
| 105G_1987_3457 | 0 | 0.93 | 0.7 | 0.97 | 13 | 14.7 | 51.7 | 34 | 34.26 | 315 | 2.51 | 2.35 | 2.8 | 155 | 191 |
| 105G_1987_3459 | 0 | 0.82 | 0.4 | 0.72 | 10 | 12.4 | 38.6 | 21 | 22.91 | 495 | 3.11 | 3.02 | 3.4 | 45 | 77 |
| 105G_1987_3460 | 0 | 1.24 | 0.4 | 0.76 | 16 | 17.9 | 39.5 | 31 | 33.11 | 410 | 5.24 | 4.82 | 4.0 | 55 | 75 |
| 105G_1987_3462 | 1 | 0.68 | 0.6 | 0.64 | 8 | 9.0 | 30.1 | 15 | 12.56 | 330 | 2.12 | 1.80 | 2.4 | 35 | 34 |
| 105G_1987_3463 | 2 | 0.77 | 0.8 | 0.79 | 9 | 10.2 | 34.6 | 15 | 16.91 | 475 | 2.10 | 2.09 | 3.1 | 30 | 34 |
| 105G_1987_3464 | 0 | 0.92 | 2.2 | 2.50 | 7 | 9.0 | 37.1 | 12 | 15.93 | 690 | 1.71 | 1.56 | 3.0 | 40 | 46 |
| 105G_1987_3465 | 0 | 0.86 | 0.5 | 0.64 | 9 | 11.1 | 42.0 | 12 | 11.41 | 625 | 3.01 | 2.94 | 5.8 | 40 | 40 |
| 105G_1987_3466 | 0 | 0.63 | <0.2 | 0.52 | 9 | 10.8 | 42.8 | 15 | 15.41 | 480 | 2.81 | 2.63 | 6.0 | 25 | 42 |
| 105G_1987_3467 | 0 | 0.38 | <0.2 | 0.56 | 6 | 8.0 | 16.8 | 16 | 16.69 | 575 | 2.46 | 2.32 | 5.6 | 25 | 25 |
| 105G_1987_3468 | 0 | 0.19 | <0.2 | 0.18 | 4 | 5.8 | 11.8 | 8 | 7.72 | 600 | 2.21 | 2.10 | 5.0 | 20 | 12 |
| 105G_1987_3469 | 0 | | | | | | | | | | | | | | |
| 105G_1987_3470 | 0 | 0.35 | <0.2 | 0.23 | 6 | 6.9 | 20.3 | 7 | 7.49 | 410 | 1.80 | 1.62 | 3.4 | 15 | 8 |
| 105G_1987_3471 | 0 | 0.55 | <0.2 | 0.53 | 14 | 15.6 | 57.3 | 55 | 54.54 | 540 | 4.46 | 3.94 | 8.5 | 75 | 71 |
| 105G_1987_3473 | 0 | 0.81 | 0.2 | 0.50 | 9 | 9.3 | 38.9 | 27 | 27.25 | 560 | 2.67 | 2.27 | 4.8 | 40 | 53 |
| 105G_1987_3474 | 0 | 0.61 | <0.2 | 0.30 | 8 | 8.5 | 45.8 | 25 | 25.94 | 595 | 2.06 | 1.87 | 4.6 | 20 | 26 |
| 105G_1987_3475 | 0 | 0.65 | <0.2 | 0.48 | 7 | 9.7 | 23.1 | 18 | 18.49 | 540 | 2.76 | 2.64 | 4.1 | 30 | 42 |
| 105G_1987_3476 | 0 | 0.65 | 0.5 | 0.95 | 16 | 19.6 | 53.5 | 33 | 33.56 | 310 | 4.15 | 4.32 | 4.8 | 50 | 57 |
| 105G_1987_3477 | 0 | 1.51 | <0.2 | 0.22 | 30 | 33.2 | 83.5 | 58 | 77.21 | 310 | 5.35 | 5.35 | 9.1 | 485 | 27 |
| 105G_1987_3478 | 0 | 0.61 | 2.0 | 2.22 | 12 | 13.7 | 52.1 | 26 | 25.72 | 655 | 3.57 | 3.45 | 7.6 | 35 | 35 |
| 105G_1987_3479 | 0 | 0.63 | 0.9 | 1.05 | 13 | 16.3 | 58.8 | 33 | 31.45 | 635 | 3.80 | 3.65 | 6.4 | 50 | 42 |
| 105G_1987_3480 | 0 | 0.68 | <0.2 | 0.19 | 11 | 12.4 | 33.5 | 18 | 17.84 | 925 | 3.76 | 3.62 | 8.9 | 15 | 10 |
| 105G_1987_3482 | 1 | 0.60 | <0.2 | 0.56 | 8 | 10.0 | 34.0 | 13 | 15.10 | 635 | 2.43 | 2.60 | 5.4 | 20 | 17 |
| 105G_1987_3484 | 2 | 0.53 | 0.2 | 0.58 | 9 | 10.4 | 34.4 | 16 | 15.43 | 540 | 2.75 | 2.62 | 5.3 | 15 | 16 |
| 105G_1987_3485 | 0 | 0.28 | 7.3 | 6.70 | 19 | 23.4 | 17.9 | 85 | 82.18 | 670 | 3.48 | 3.64 | 1.4 | 205 | 181 |
| 105G_1987_3486 | 0 | 0.55 | 7.6 | 6.60 | 20 | 22.7 | 29.2 | 51 | 47.37 | 480 | 2.66 | 2.43 | 2.6 | 230 | 188 |
| 105G_1987_3487 | 0 | 0.05 | <0.2 | 0.40 | 4 | 6.2 | 16.1 | 85 | 90.15 | 490 | 4.96 | 5.90 | 1.9 | 180 | 159 |
| 105G_1987_3488 | 0 | 0.34 | 8.9 | 7.97 | 47 | 54.5 | 32.1 | 151 | 144.65 | 630 | 3.48 | 3.38 | 2.6 | 95 | 77 |
| 105G_1987_3489 | 0 | 0.34 | 1.9 | 1.68 | 4 | 5.0 | 16.0 | 35 | 35.34 | 365 | 1.10 | 0.87 | 1.9 | 165 | 164 |
| 105G_1987_3490 | 0 | 0.38 | 1.7 | 1.79 | 11 | 13.1 | 16.8 | 68 | 68.32 | 560 | 2.76 | 2.68 | 2.0 | 90 | 97 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3453 | 0 | 0.08 | 53.5 | 40.6 | 0.89 | 349 | 403 | <2 | 0.90 | 0.013 | 83 | 87.0 | 0.142 | 36 | 31.17 |
| 105G_1987_3454 | 0 | 0.01 | 5.2 | 13.4 | 0.15 | 16 | 18 | <2 | 1.77 | 0.007 | 37 | 36.3 | 0.084 | 3 | 2.13 |
| 105G_1987_3455 | 0 | 0.10 | 11.6 | 13.8 | 0.87 | 595 | 731 | <2 | 0.81 | 0.009 | 93 | 82.7 | 0.079 | 14 | 10.91 |
| 105G_1987_3456 | 0 | 0.07 | 10.6 | 7.6 | 1.13 | 709 | 914 | <2 | 0.77 | 0.007 | 84 | 78.1 | 0.080 | 12 | 8.77 |
| 105G_1987_3457 | 0 | 0.09 | 12.5 | 12.6 | 0.90 | 1032 | 1294 | <2 | 0.81 | 0.009 | 74 | 69.2 | 0.098 | 12 | 9.80 |
| 105G_1987_3459 | 0 | 0.10 | 15.9 | 11.4 | 0.69 | 727 | 953 | <2 | 0.73 | 0.009 | 55 | 53.9 | 0.149 | 12 | 9.44 |
| 105G_1987_3460 | 0 | 0.10 | 12.8 | 9.0 | 0.80 | 2020 | 1831 | <2 | 1.28 | 0.011 | 59 | 59.0 | 0.098 | 13 | 10.63 |
| 105G_1987_3462 | 1 | 0.11 | 14.7 | 7.8 | 0.53 | 1372 | 1390 | <2 | 0.61 | 0.009 | 61 | 51.5 | 0.119 | 10 | 6.75 |
| 105G_1987_3463 | 2 | 0.13 | 16.1 | 9.8 | 0.60 | 1247 | 1548 | <2 | 0.75 | 0.008 | 60 | 59.7 | 0.120 | 10 | 8.08 |
| 105G_1987_3464 | 0 | 0.07 | 22.0 | 13.8 | 0.63 | 582 | 819 | 3 | 3.66 | 0.009 | 61 | 64.5 | 0.143 | 6 | 4.86 |
| 105G_1987_3465 | 0 | 0.46 | 38.9 | 14.2 | 0.95 | 502 | 657 | <2 | 1.01 | 0.010 | 56 | 55.2 | 0.119 | 11 | 7.71 |
| 105G_1987_3466 | 0 | 0.33 | 39.0 | 14.0 | 0.87 | 431 | 572 | <2 | 1.34 | 0.013 | 77 | 75.1 | 0.124 | 16 | 13.65 |
| 105G_1987_3467 | 0 | 0.37 | 40.0 | 6.4 | 0.75 | 330 | 461 | <2 | 1.35 | 0.008 | 11 | 11.6 | 0.092 | 6 | 3.88 |
| 105G_1987_3468 | 0 | 0.26 | 25.5 | 4.8 | 0.61 | 185 | 255 | 3 | 3.91 | 0.005 | 8 | 7.7 | 0.071 | 7 | 6.45 |
| 105G_1987_3469 | 0 | | | | | | | | | | | | | | |
| 105G_1987_3470 | 0 | 0.22 | 18.6 | 3.2 | 0.38 | 399 | 556 | <2 | 0.70 | 0.013 | 15 | 14.2 | 0.102 | 7 | 5.45 |
| 105G_1987_3471 | 0 | 0.55 | 46.5 | 20.0 | 0.84 | 480 | 586 | 2 | 1.82 | 0.013 | 142 | 127.4 | 0.100 | 23 | 19.67 |
| 105G_1987_3473 | 0 | 0.33 | 32.2 | 14.9 | 0.67 | 247 | 297 | <2 | 0.52 | 0.016 | 66 | 59.2 | 0.092 | 11 | 8.88 |
| 105G_1987_3474 | 0 | 0.24 | 41.4 | 10.2 | 0.69 | 171 | 225 | <2 | 0.68 | 0.035 | 63 | 61.1 | 0.094 | 14 | 11.89 |
| 105G_1987_3475 | 0 | 0.20 | 27.9 | 10.4 | 0.47 | 672 | 898 | <2 | 1.51 | 0.015 | 16 | 14.5 | 0.108 | 12 | 9.58 |
| 105G_1987_3476 | 0 | 0.09 | 17.7 | 6.4 | 1.14 | 757 | 1114 | <2 | 0.93 | 0.011 | 25 | 24.4 | 0.061 | 21 | 17.88 |
| 105G_1987_3477 | 0 | 0.09 | 6.9 | 4.8 | 2.22 | 1018 | 1422 | <2 | 0.24 | 0.025 | 39 | 36.1 | 0.057 | 13 | 13.02 |
| 105G_1987_3478 | 0 | 0.33 | 45.5 | 9.4 | 0.97 | 538 | 725 | 2 | 2.40 | 0.010 | 57 | 53.4 | 0.111 | 24 | 19.87 |
| 105G_1987_3479 | 0 | 0.26 | 41.5 | 9.4 | 1.03 | 549 | 726 | 2 | 2.08 | 0.010 | 66 | 60.6 | 0.120 | 30 | 25.10 |
| 105G_1987_3480 | 0 | 0.65 | 28.5 | 5.2 | 1.16 | 335 | 447 | <2 | 1.33 | 0.010 | 17 | 14.9 | 0.212 | 7 | 5.15 |
| 105G_1987_3482 | 1 | 0.24 | 24.0 | 3.0 | 0.73 | 281 | 434 | <2 | 1.29 | 0.010 | 24 | 25.3 | 0.183 | 11 | 10.36 |
| 105G_1987_3484 | 2 | 0.26 | 24.9 | 3.4 | 0.74 | 393 | 523 | <2 | 1.35 | 0.011 | 31 | 28.3 | 0.149 | 15 | 11.12 |
| 105G_1987_3485 | 0 | 0.07 | 23.7 | 5.2 | 0.29 | 423 | 614 | 12 | 11.33 | 0.003 | 96 | 96.5 | 0.117 | 107 | 91.19 |
| 105G_1987_3486 | 0 | 0.07 | 29.5 | 8.2 | 0.53 | 863 | 1137 | 2 | 2.21 | 0.006 | 113 | 98.6 | 0.132 | 39 | 30.22 |
| 105G_1987_3487 | 0 | 0.12 | 18.9 | 8.0 | 0.19 | 133 | 196 | 4 | 4.02 | 0.005 | 31 | 29.5 | 0.088 | 66 | 62.60 |
| 105G_1987_3488 | 0 | 0.07 | 22.3 | 9.0 | 0.54 | 1930 | 2096 | 4 | 5.08 | 0.004 | 144 | 141.8 | 0.128 | 42 | 33.69 |
| 105G_1987_3489 | 0 | 0.06 | 18.5 | 26.8 | 0.32 | 122 | 121 | <2 | 1.96 | 0.017 | 39 | 39.5 | 0.218 | 14 | 10.41 |
| 105G_1987_3490 | 0 | 0.05 | 14.5 | 7.0 | 0.34 | 422 | 568 | 3 | 3.54 | 0.003 | 41 | 39.3 | 0.141 | 49 | 42.81 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3453 | 0 | 0.29 | 0.6 | 1.65 | 10.1 | 4.6 | 7 | 101.7 | 0.04 | 1.7 | 0.015 | 0.26 | 10.4 | 11.8 |
| 105G_1987_3454 | 0 | 0.65 | 1.9 | 4.21 | 2.7 | 11.9 | 2 | 89.5 | <0.02 | 0.3 | 0.004 | 0.11 | 6.2 | 6.4 |
| 105G_1987_3455 | 0 | 0.08 | 0.5 | 0.84 | 2.9 | 0.9 | 4 | 56.4 | 0.04 | 2.8 | 0.017 | 0.10 | 0.9 | 2.9 |
| 105G_1987_3456 | 0 | 0.05 | 0.8 | 0.81 | 2.8 | 0.6 | 2 | 39.8 | 0.03 | 2.6 | 0.036 | 0.07 | 0.9 | 2.4 |
| 105G_1987_3457 | 0 | 0.09 | 0.8 | 1.05 | 2.6 | 1.5 | 3 | 50.4 | 0.03 | 3.0 | 0.018 | 0.09 | 1.6 | 3.3 |
| 105G_1987_3459 | 0 | 0.10 | 0.3 | 0.42 | 3.1 | 1.9 | 2 | 39.4 | <0.02 | 4.6 | 0.052 | 0.13 | 1.6 | 3.6 |
| 105G_1987_3460 | 0 | 0.20 | 0.3 | 0.50 | 3.4 | 5.4 | 5 | 55.3 | <0.02 | 4.4 | 0.049 | 0.14 | 1.5 | 3.1 |
| 105G_1987_3462 | 1 | 0.05 | <0.2 | 0.20 | 2.1 | 1.6 | 2 | 30.3 | <0.02 | 3.6 | 0.046 | 0.12 | 1.6 | 4.0 |
| 105G_1987_3463 | 2 | 0.09 | <0.2 | 0.25 | 2.5 | 2.4 | 3 | 33.6 | <0.02 | 4.1 | 0.056 | 0.15 | 2.5 | 4.2 |
| 105G_1987_3464 | 0 | 0.08 | <0.2 | 0.10 | 1.5 | 3.8 | 3 | 30.4 | <0.02 | 1.4 | 0.034 | 0.11 | 8.6 | 9.3 |
| 105G_1987_3465 | 0 | 0.08 | <0.2 | 0.09 | 5.1 | 1.9 | 3 | 28.0 | <0.02 | 6.9 | 0.149 | 0.31 | 3.6 | 6.9 |
| 105G_1987_3466 | 0 | 0.11 | <0.2 | 0.09 | 5.0 | 1.3 | 2 | 24.5 | <0.02 | 6.2 | 0.130 | 0.32 | 7.6 | 10.0 |
| 105G_1987_3467 | 0 | 0.05 | <0.2 | 0.10 | 3.5 | 0.5 | 1 | 13.6 | <0.02 | 8.3 | 0.122 | 0.20 | 2.4 | 5.3 |
| 105G_1987_3468 | 0 | 0.02 | <0.2 | 0.12 | 2.5 | 0.3 | 3 | 8.5 | 0.02 | 9.7 | 0.091 | 0.12 | 2.7 | 6.0 |
| 105G_1987_3469 | 0 | | | | | | | | | | | | | |
| 105G_1987_3470 | 0 | 0.01 | <0.2 | 0.08 | 2.6 | 0.3 | <1 | 16.0 | 0.02 | 5.4 | 0.083 | 0.21 | 3.2 | 1.6 |
| 105G_1987_3471 | 0 | 0.11 | 0.2 | 0.24 | 8.4 | 1.3 | 3 | 33.4 | 0.05 | 6.0 | 0.116 | 0.49 | 26.2 | 36.0 |
| 105G_1987_3473 | 0 | 0.07 | 0.2 | 0.21 | 4.3 | 1.5 | 4 | 50.1 | <0.02 | 4.6 | 0.084 | 0.32 | 8.1 | 8.4 |
| 105G_1987_3474 | 0 | 0.08 | <0.2 | 0.17 | 4.2 | 2.1 | 1 | 58.3 | <0.02 | 4.3 | 0.088 | 0.20 | 35.4 | 36.0 |
| 105G_1987_3475 | 0 | 0.09 | <0.2 | 0.15 | 3.6 | 1.4 | 3 | 28.4 | <0.02 | 4.4 | 0.074 | 0.21 | 15.8 | 9.7 |
| 105G_1987_3476 | 0 | 0.07 | 0.2 | 0.25 | 9.7 | 0.5 | 3 | 27.9 | <0.02 | 3.4 | 0.053 | 0.07 | 1.4 | 1.6 |
| 105G_1987_3477 | 0 | 0.06 | <0.2 | 0.13 | 13.6 | <0.1 | <1 | 71.7 | 0.02 | 0.6 | 0.122 | 0.03 | 0.1 | <0.5 |
| 105G_1987_3478 | 0 | 0.05 | <0.2 | 0.14 | 6.6 | 0.9 | 3 | 14.7 | 0.02 | 8.3 | 0.156 | 0.28 | 9.7 | 7.3 |
| 105G_1987_3479 | 0 | 0.04 | 0.2 | 0.28 | 6.6 | 1.0 | 3 | 17.9 | 0.02 | 7.9 | 0.112 | 0.22 | 8.4 | 11.1 |
| 105G_1987_3480 | 0 | 0.03 | <0.2 | 0.05 | 7.2 | 0.3 | 3 | 10.1 | <0.02 | 8.2 | 0.214 | 0.29 | 2.7 | 2.0 |
| 105G_1987_3482 | 1 | 0.02 | <0.2 | 0.10 | 4.6 | 0.4 | 2 | 13.3 | 0.02 | 7.4 | 0.104 | 0.15 | 3.3 | 3.5 |
| 105G_1987_3484 | 2 | 0.02 | <0.2 | 0.11 | 4.7 | 0.4 | 2 | 13.2 | <0.02 | 7.6 | 0.106 | 0.16 | 4.1 | 3.5 |
| 105G_1987_3485 | 0 | 0.09 | 10.0 | 7.20 | 2.2 | 6.0 | 2 | 42.2 | 0.39 | 4.8 | 0.002 | 0.12 | 5.1 | 3.5 |
| 105G_1987_3486 | 0 | 0.07 | 3.6 | 2.97 | 2.4 | 2.4 | 4 | 43.1 | 0.23 | 3.5 | 0.017 | 0.12 | 2.1 | 1.8 |
| 105G_1987_3487 | 0 | 0.37 | 11.6 | 8.71 | 3.7 | 6.4 | 2 | 9.5 | 0.42 | 6.2 | 0.009 | 0.11 | 2.9 | 2.5 |
| 105G_1987_3488 | 0 | 0.07 | 9.0 | 6.19 | 2.1 | 2.7 | 3 | 33.8 | 0.25 | 2.3 | 0.020 | 0.15 | 5.3 | 8.5 |
| 105G_1987_3489 | 0 | 0.35 | 1.1 | 1.74 | 0.5 | 5.9 | 2 | 26.3 | 0.06 | 0.2 | 0.004 | 0.09 | 2.2 | 7.8 |
| 105G_1987_3490 | 0 | 0.06 | 0.5 | 0.47 | 1.7 | 2.6 | 3 | 30.4 | 0.35 | 2.0 | 0.007 | 0.06 | 1.9 | 3.1 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3453 | 0 | 36 | 35 | 2 | <0.1 | 203 | 180.6 |
| 105G_1987_3454 | 0 | 11 | 5 | 2 | <0.1 | 46 | 47.8 |
| 105G_1987_3455 | 0 | 41 | 36 | 2 | 0.1 | 127 | 110.8 |
| 105G_1987_3456 | 0 | 39 | 42 | 2 | 0.5 | 133 | 118.1 |
| 105G_1987_3457 | 0 | 39 | 38 | 2 | 0.1 | 156 | 142.8 |
| 105G_1987_3459 | 0 | 39 | 33 | 2 | 0.3 | 138 | 121.2 |
| 105G_1987_3460 | 0 | 38 | 37 | 2 | 0.2 | 175 | 148.8 |
| 105G_1987_3462 | 1 | 28 | 23 | 2 | 0.9 | 108 | 89.9 |
| 105G_1987_3463 | 2 | 29 | 28 | 2 | 0.5 | 112 | 107.0 |
| 105G_1987_3464 | 0 | 29 | 31 | 2 | 0.1 | 267 | 282.9 |
| 105G_1987_3465 | 0 | 48 | 46 | 2 | 0.5 | 152 | 141.3 |
| 105G_1987_3466 | 0 | 45 | 43 | 2 | 0.5 | 144 | 133.9 |
| 105G_1987_3467 | 0 | 37 | 33 | 2 | 1.2 | 81 | 80.6 |
| 105G_1987_3468 | 0 | 23 | 24 | 2 | 0.1 | 37 | 36.1 |
| 105G_1987_3469 | 0 | | | | | | |
| 105G_1987_3470 | 0 | 25 | 23 | 2 | 0.5 | 54 | 52.0 |
| 105G_1987_3471 | 0 | 60 | 53 | 4 | 3.3 | 156 | 129.4 |
| 105G_1987_3473 | 0 | 35 | 29 | 2 | 2.5 | 112 | 102.2 |
| 105G_1987_3474 | 0 | 30 | 28 | 2 | 1.7 | 74 | 71.9 |
| 105G_1987_3475 | 0 | 33 | 29 | 2 | 0.3 | 81 | 76.2 |
| 105G_1987_3476 | 0 | 81 | 83 | 2 | 0.1 | 187 | 177.0 |
| 105G_1987_3477 | 0 | 118 | 129 | 2 | 0.1 | 103 | 89.0 |
| 105G_1987_3478 | 0 | 63 | 59 | 2 | 0.3 | 441 | 397.7 |
| 105G_1987_3479 | 0 | 69 | 65 | 2 | 1.9 | 265 | 232.0 |
| 105G_1987_3480 | 0 | 75 | 73 | 2 | 1.7 | 100 | 85.5 |
| 105G_1987_3482 | 1 | 42 | 44 | 2 | 0.3 | 117 | 125.0 |
| 105G_1987_3484 | 2 | 42 | 45 | 2 | 0.4 | 135 | 126.3 |
| 105G_1987_3485 | 0 | 45 | 39 | 2 | 0.5 | 876 | 841.7 |
| 105G_1987_3486 | 0 | 36 | 29 | 2 | 0.1 | 1016 | 908.9 |
| 105G_1987_3487 | 0 | 28 | 22 | 2 | <0.1 | 219 | 200.7 |
| 105G_1987_3488 | 0 | 37 | 31 | 2 | <0.1 | 631 | 633.8 |
| 105G_1987_3489 | 0 | 17 | 13 | 2 | <0.1 | 127 | 112.9 |
| 105G_1987_3490 | 0 | 24 | 22 | 2 | <0.1 | 272 | 252.6 |

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| Unique ID | Rep Stat | Ag AAS ppm | Ag ICP-MS ppb | Al ICP-MS % | As HY-AAS ppm | As ICP-MS ppm | Au FA-NA ppb | Au_wt g | Au1 FA-NA ppb | Au1_wt g | B ICP-MS ppm | Ba DCP ppm | Ba ICP-MS ppm | Bi ICP-MS ppm |
|----------------|----------|------------|---------------|-------------|---------------|---------------|--------------|---------|---------------|----------|--------------|------------|---------------|---------------|
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3491 | 0 | 0.3 | 267 | 1.14 | 1 | 1.3 | <1 | 10.0 | | | 1 | 1640 | 487.2 | 0.33 |
| 105G_1987_3492 | 0 | 0.2 | 273 | 1.30 | 11 | 11.4 | 2 | 10.0 | | | 1 | 1360 | 367.3 | 0.50 |
| 105G_1987_3493 | 0 | 0.7 | 850 | 1.29 | 17 | 17.4 | 7 | 10.0 | 12 | 10.0 | 2 | 1670 | 437.6 | 0.51 |
| 105G_1987_3494 | 0 | 0.3 | 257 | 1.48 | 19 | 19.0 | <1 | 10.0 | | | 1 | 2220 | 323.5 | 1.20 |
| 105G_1987_3495 | 0 | <0.2 | 364 | 1.60 | 8 | 8.2 | <1 | 10.0 | | | 1 | 2550 | 291.0 | 4.78 |
| 105G_1987_3496 | 0 | 0.2 | 140 | 2.54 | 1 | 1.4 | 2 | 10.0 | | | <1 | 674 | 179.7 | 1.73 |
| 105G_1987_3497 | 0 | <0.2 | 163 | 1.65 | <1 | 0.9 | <1 | 10.0 | | | <1 | 648 | 101.2 | 1.43 |
| 105G_1987_3498 | 0 | 0.2 | 277 | 1.78 | 2 | 2.0 | <1 | 10.0 | | | 2 | 963 | 312.6 | 0.49 |
| 105G_1987_3499 | 0 | <0.2 | | | 2 | | <4 | 2.5 | | | | | | |
| 105G_1987_3500 | 0 | 0.3 | 133 | 0.46 | 62 | 49.6 | <1 | 10.0 | | | 3 | 923 | 167.1 | 0.10 |
| 105G_1987_3502 | 1 | 1.0 | 814 | 1.84 | 7 | 7.9 | <1 | 10.0 | | | 1 | 1000 | 348.9 | 0.62 |
| 105G_1987_3503 | 2 | 0.9 | 872 | 1.86 | 9 | 8.5 | <1 | 10.0 | | | 2 | 996 | 380.2 | 0.69 |
| 105G_1987_3504 | 0 | <0.2 | 87 | 1.30 | 1 | 1.4 | <1 | 10.0 | | | <1 | 816 | 92.9 | 0.34 |
| 105G_1987_3505 | 0 | 0.3 | 333 | 1.68 | 3 | 3.3 | <1 | 10.0 | | | 1 | 1060 | 134.3 | 0.44 |
| 105G_1987_3506 | 0 | <0.2 | 44 | 0.97 | 3 | 2.9 | <4 | 2.5 | | | <1 | 1110 | 97.8 | 0.30 |
| 105G_1987_3507 | 0 | <0.2 | 30 | 0.69 | 1 | 1.2 | <1 | 10.0 | | | 1 | 860 | 85.8 | 0.19 |
| 105G_1987_3508 | 0 | <0.2 | 69 | 0.66 | 20 | 23.3 | <1 | 10.0 | | | 1 | 928 | 181.6 | 0.16 |
| 105G_1987_3510 | 0 | 0.4 | 153 | 0.90 | 28 | 23.2 | <1 | 10.0 | | | 1 | 1220 | 218.7 | 0.17 |
| 105G_1987_3511 | 0 | 0.6 | 577 | 3.28 | 450 | 345.3 | <1 | 10.0 | | | 1 | 2010 | 1123.1 | 0.08 |
| 105G_1987_3512 | 0 | 0.5 | 349 | 0.92 | 25 | 19.2 | 2 | 10.0 | | | 2 | 1970 | 769.6 | 0.13 |
| 105G_1987_3513 | 0 | 0.3 | 154 | 1.06 | 10 | 10.5 | 2 | 10.0 | | | 1 | 1430 | 322.2 | 0.14 |
| 105G_1987_3514 | 0 | <0.2 | 175 | 1.20 | 42 | 39.1 | 5 | 10.0 | | | 1 | 1720 | 512.9 | 0.13 |
| 105G_1987_3515 | 0 | 1.0 | 181 | 1.18 | 5 | 5.5 | <1 | 10.0 | | | 3 | 1590 | 414.8 | 0.12 |
| 105G_1987_3516 | 0 | 1.1 | 786 | 0.79 | 29 | 24.6 | 7 | 10.0 | 13 | 2.5 | 2 | 3860 | 842.6 | 0.22 |
| 105G_1987_3517 | 0 | 0.2 | 797 | 0.93 | 10 | 11.9 | 3 | 10.0 | | | 2 | 2990 | 1078.9 | 0.17 |
| 105G_1987_3518 | 0 | <0.2 | 216 | 1.58 | 6 | 6.7 | <1 | 10.0 | | | 1 | 1580 | 427.7 | 0.14 |
| 105G_1987_3519 | 0 | 0.7 | 210 | 1.41 | 6 | 5.2 | <1 | 10.0 | | | 1 | 1260 | 408.5 | 0.19 |
| 105G_1987_3520 | 0 | <0.2 | 466 | 1.41 | 6 | 6.1 | <1 | 10.0 | | | 2 | 1150 | 261.0 | 0.39 |
| 105G_1987_3522 | 0 | <0.2 | 45 | 1.89 | 2 | 2.1 | 1 | 10.0 | | | 1 | 296 | 58.4 | 0.03 |
| 105G_1987_3523 | 1 | <0.2 | 61 | 1.61 | 3 | 1.9 | <1 | 10.0 | | | 1 | 432 | 130.8 | 0.04 |
| 105G_1987_3524 | 2 | <0.2 | 76 | 1.51 | 2 | 2.1 | <1 | 10.0 | | | 1 | 425 | 109.7 | 0.03 |
| 105G_1987_3525 | 0 | <0.2 | 161 | 1.34 | 12 | 10.2 | 2 | 10.0 | | | <1 | 1700 | 93.4 | 0.16 |
| 105G_1987_3526 | 0 | <0.2 | 97 | 1.15 | 2 | 2.5 | 20 | 10.0 | 7 | 10.0 | <1 | 1070 | 203.1 | 0.10 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3491 | 0 | 0.70 | 0.4 | 0.67 | 4 | 6.0 | 15.0 | 20 | 20.17 | 495 | 1.66 | 1.41 | 2.7 | 180 | 244 |
| 105G_1987_3492 | 0 | 0.66 | 0.2 | 0.49 | 9 | 10.1 | 25.0 | 24 | 25.06 | 505 | 2.54 | 2.43 | 3.6 | 245 | 260 |
| 105G_1987_3493 | 0 | 0.97 | 2.2 | 2.68 | 9 | 11.6 | 32.2 | 43 | 47.35 | 380 | 2.85 | 2.68 | 3.6 | 415 | 368 |
| 105G_1987_3494 | 0 | 0.35 | 6.1 | 6.16 | 16 | 19.8 | 46.0 | 80 | 86.00 | 755 | 3.26 | 3.20 | 4.4 | 35 | 46 |
| 105G_1987_3495 | 0 | 0.37 | 2.7 | 2.71 | 13 | 15.8 | 34.6 | 77 | 81.56 | 1280 | 4.41 | 4.48 | 6.1 | 40 | 28 |
| 105G_1987_3496 | 0 | 0.50 | <0.2 | 0.30 | 12 | 15.9 | 37.4 | 26 | 26.56 | 935 | 4.07 | 4.16 | 10.5 | 70 | 52 |
| 105G_1987_3497 | 0 | 0.35 | <0.2 | 0.19 | 5 | 6.4 | 17.0 | 9 | 8.92 | 630 | 2.44 | 2.36 | 6.0 | 30 | 32 |
| 105G_1987_3498 | 0 | 0.81 | 2.0 | 1.91 | 8 | 9.8 | 28.5 | 19 | 17.51 | 670 | 3.34 | 2.80 | 6.8 | 50 | 52 |
| 105G_1987_3499 | 0 | | 0.4 | | 7 | | | 10 | | 430 | 2.54 | | | | |
| 105G_1987_3500 | 0 | 1.98 | 2.7 | 2.28 | 2 | 2.3 | 13.5 | 13 | 12.66 | 230 | 1.97 | 1.77 | 1.0 | 70 | 83 |
| 105G_1987_3502 | 1 | 1.15 | 5.3 | 4.38 | 5 | 6.7 | 26.6 | 19 | 20.12 | 590 | 2.79 | 2.16 | 4.7 | 205 | 202 |
| 105G_1987_3503 | 2 | 1.17 | 5.6 | 5.06 | 5 | 6.6 | 27.5 | 21 | 21.42 | 630 | 2.61 | 2.16 | 4.8 | 225 | 233 |
| 105G_1987_3504 | 0 | 0.45 | 0.2 | 0.17 | 4 | 5.1 | 11.4 | 8 | 7.91 | 700 | 2.26 | 1.80 | 5.0 | 45 | 36 |
| 105G_1987_3505 | 0 | 0.34 | 3.1 | 2.97 | 7 | 7.3 | 11.5 | 9 | 8.47 | 870 | 2.77 | 2.34 | 3.8 | 60 | 89 |
| 105G_1987_3506 | 0 | 0.29 | 0.5 | 0.40 | 5 | 6.0 | 14.9 | 6 | 6.62 | 615 | 2.02 | 1.88 | 3.6 | | 37 |
| 105G_1987_3507 | 0 | 0.39 | 0.5 | 0.38 | 5 | 5.0 | 16.8 | 7 | 6.12 | 445 | 1.58 | 1.26 | 2.7 | <10 | 13 |
| 105G_1987_3508 | 0 | 0.63 | 1.9 | 1.67 | 7 | 7.0 | 20.5 | 23 | 22.47 | 440 | 1.82 | 1.44 | 2.3 | 30 | 42 |
| 105G_1987_3510 | 0 | 0.82 | 1.5 | 1.29 | 10 | 10.9 | 37.5 | 28 | 23.59 | 495 | 2.22 | 1.97 | 2.8 | 20 | 38 |
| 105G_1987_3511 | 0 | 0.73 | 46.8 | 53.09 | 40 | 50.2 | 20.1 | 2820 | 1321.96 | 1000 | 10.57 | 11.52 | 1.2 | 150 | 183 |
| 105G_1987_3512 | 0 | 1.44 | 21.6 | 20.64 | 56 | 59.3 | 40.3 | 49 | 39.43 | 450 | 2.72 | 2.54 | 2.9 | 115 | 133 |
| 105G_1987_3513 | 0 | 0.52 | 0.8 | 0.50 | 12 | 11.7 | 41.7 | 39 | 32.45 | 390 | 2.81 | 2.45 | 2.8 | 190 | 192 |
| 105G_1987_3514 | 0 | 1.33 | 1.9 | 1.73 | 22 | 25.4 | 33.2 | 50 | 44.29 | 440 | 5.16 | 5.51 | 3.7 | 110 | 92 |
| 105G_1987_3515 | 0 | 1.05 | 0.9 | 0.82 | 12 | 12.5 | 70.4 | 43 | 40.16 | 460 | 2.77 | 2.18 | 3.2 | 90 | 101 |
| 105G_1987_3516 | 0 | 0.60 | 6.8 | 6.53 | 7 | 7.9 | 20.1 | 89 | 81.90 | 680 | 2.82 | 2.32 | 2.5 | 145 | 173 |
| 105G_1987_3517 | 0 | 1.20 | 6.4 | 6.02 | 11 | 12.9 | 26.5 | 98 | 87.21 | 700 | 2.74 | 2.58 | 2.6 | 125 | 142 |
| 105G_1987_3518 | 0 | 1.13 | 4.1 | 4.05 | 15 | 15.8 | 44.7 | 62 | 56.88 | 350 | 3.00 | 2.72 | 4.1 | 65 | 71 |
| 105G_1987_3519 | 0 | 0.85 | 1.3 | 1.16 | 15 | 15.4 | 37.8 | 66 | 59.14 | 400 | 3.20 | 2.76 | 3.7 | 85 | 82 |
| 105G_1987_3520 | 0 | 1.01 | 3.3 | 3.14 | 10 | 10.0 | 34.4 | 31 | 28.56 | 540 | 2.46 | 2.05 | 3.9 | 95 | 101 |
| 105G_1987_3522 | 0 | 0.63 | 0.2 | 0.23 | 24 | 25.3 | 73.7 | 107 | 100.15 | 250 | 3.15 | 2.97 | 4.0 | 25 | 27 |
| 105G_1987_3523 | 1 | 0.66 | 1.0 | 1.09 | 16 | 18.5 | 56.6 | 50 | 46.73 | 265 | 2.70 | 2.49 | 3.4 | 35 | 27 |
| 105G_1987_3524 | 2 | 0.66 | 1.2 | 1.11 | 17 | 17.9 | 54.3 | 52 | 51.87 | 275 | 2.60 | 2.44 | 3.2 | 30 | 32 |
| 105G_1987_3525 | 0 | 0.30 | <0.2 | 0.24 | 15 | 14.7 | 30.3 | 76 | 67.90 | 270 | 3.03 | 2.70 | 3.2 | 35 | 39 |
| 105G_1987_3526 | 0 | 0.40 | 0.6 | 0.67 | 10 | 10.6 | 30.6 | 37 | 33.45 | 345 | 2.32 | 1.95 | 2.9 | 25 | 26 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|------------------|-------------------|-----------------|------------------|--------------|-----------------|--------------|--------------------|-------------------|--------------|-------------------|-------------------|--------------|--------------------|
| | | ICP-MS % 0.01 | ICP-MS ppm 0.5 | GRAV pct 1.0 | ICP-MS % 0.01 | AAS ppm 5 | ICP-MS ppm 1 | AAS ppm 2 | ICP-MS ppm 0.01 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.1 | ICP-MS % 0.001 | AAS ppm 2 | ICP-MS ppm 0.01 |
| 105G_1987_3491 | 0 | 0.09 | 24.8 | 16.0 | 0.46 | 223 | 258 | <2 | 1.56 | 0.009 | 16 | 16.1 | 0.106 | 19 | 15.74 |
| 105G_1987_3492 | 0 | 0.14 | 43.8 | 10.0 | 0.55 | 309 | 409 | <2 | 1.46 | 0.011 | 27 | 24.6 | 0.097 | 28 | 24.42 |
| 105G_1987_3493 | 0 | 0.12 | 22.8 | 20.0 | 0.60 | 321 | 384 | 2 | 2.59 | 0.010 | 62 | 64.2 | 0.140 | 22 | 19.42 |
| 105G_1987_3494 | 0 | 0.31 | 37.7 | 6.0 | 0.93 | 784 | 1145 | 3 | 3.43 | 0.015 | 93 | 90.6 | 0.074 | 55 | 50.49 |
| 105G_1987_3495 | 0 | 0.51 | 64.2 | 5.8 | 0.96 | 613 | 887 | 9 | 8.67 | 0.009 | 52 | 50.6 | 0.111 | 118 | 106.51 |
| 105G_1987_3496 | 0 | 0.69 | 42.5 | 13.2 | 1.22 | 548 | 736 | 2 | 2.61 | 0.013 | 16 | 16.6 | 0.122 | 13 | 7.34 |
| 105G_1987_3497 | 0 | 0.22 | 32.8 | 9.4 | 0.49 | 291 | 400 | <2 | 1.79 | 0.007 | 9 | 7.8 | 0.123 | 14 | 10.82 |
| 105G_1987_3498 | 0 | 0.40 | 47.0 | 14.2 | 0.85 | 310 | 386 | <2 | 0.88 | 0.011 | 20 | 17.3 | 0.092 | 10 | 7.79 |
| 105G_1987_3499 | 0 | | | | | 532 | | <2 | | | 31 | | | 10 | |
| 105G_1987_3500 | 0 | 0.03 | 15.7 | 59.8 | 0.21 | 177 | 199 | 18 | 21.06 | 0.014 | 35 | 29.3 | 0.109 | 5 | 2.91 |
| 105G_1987_3502 | 1 | 0.19 | 76.4 | 28.0 | 0.51 | 329 | 349 | 2 | 2.02 | 0.011 | 31 | 30.6 | 0.147 | 33 | 26.27 |
| 105G_1987_3503 | 2 | 0.21 | 86.2 | 26.6 | 0.51 | 315 | 354 | 2 | 2.14 | 0.011 | 30 | 31.3 | 0.158 | 32 | 27.91 |
| 105G_1987_3504 | 0 | 0.24 | 60.0 | 9.8 | 0.60 | 252 | 300 | 3 | 2.75 | 0.009 | 8 | 7.0 | 0.089 | 7 | 5.10 |
| 105G_1987_3505 | 0 | 0.19 | 53.0 | 13.0 | 0.50 | 400 | 479 | 6 | 6.38 | 0.008 | 15 | 12.7 | 0.094 | 10 | 7.48 |
| 105G_1987_3506 | 0 | 0.21 | 18.2 | | 0.51 | 327 | 467 | <2 | 1.77 | 0.005 | 12 | 13.4 | 0.065 | 5 | 4.72 |
| 105G_1987_3507 | 0 | 0.16 | 17.2 | 3.5 | 0.42 | 328 | 404 | <2 | 0.83 | 0.007 | 30 | 24.0 | 0.111 | 7 | 4.98 |
| 105G_1987_3508 | 0 | 0.12 | 14.2 | 10.0 | 0.43 | 426 | 467 | <2 | 0.80 | 0.010 | 49 | 42.4 | 0.155 | 6 | 4.82 |
| 105G_1987_3510 | 0 | 0.10 | 13.8 | 9.8 | 0.66 | 266 | 314 | <2 | 0.67 | 0.006 | 52 | 46.4 | 0.153 | 16 | 12.20 |
| 105G_1987_3511 | 0 | 0.10 | 29.4 | 29.6 | 0.19 | 2102 | 2562 | 91 | 87.19 | 0.004 | 158 | 158.3 | 2.183 | 10 | 7.69 |
| 105G_1987_3512 | 0 | 0.08 | 11.7 | 14.8 | 0.62 | 9494 | 7756 | 18 | 17.36 | 0.006 | 378 | 313.3 | 0.156 | 12 | 9.07 |
| 105G_1987_3513 | 0 | 0.11 | 12.6 | 4.4 | 0.70 | 835 | 991 | <2 | 1.40 | 0.006 | 51 | 42.0 | 0.082 | 17 | 12.94 |
| 105G_1987_3514 | 0 | 0.10 | 11.4 | 16.4 | 0.77 | 2708 | 2501 | <2 | 1.69 | 0.006 | 90 | 83.0 | 0.283 | 19 | 14.71 |
| 105G_1987_3515 | 0 | 0.12 | 16.0 | 14.8 | 1.00 | 455 | 503 | <2 | 0.65 | 0.011 | 80 | 79.1 | 0.107 | 14 | 10.59 |
| 105G_1987_3516 | 0 | 0.13 | 17.0 | 11.8 | 0.30 | 250 | 296 | 4 | 5.42 | 0.009 | 83 | 74.4 | 0.169 | 40 | 34.63 |
| 105G_1987_3517 | 0 | 0.11 | 15.1 | 12.2 | 0.63 | 581 | 724 | 3 | 3.68 | 0.009 | 101 | 92.6 | 0.228 | 29 | 22.85 |
| 105G_1987_3518 | 0 | 0.09 | 20.2 | 16.6 | 1.05 | 1037 | 1310 | <2 | 1.16 | 0.007 | 63 | 58.1 | 0.115 | 13 | 8.50 |
| 105G_1987_3519 | 0 | 0.07 | 14.5 | 14.2 | 0.93 | 492 | 549 | <2 | 0.87 | 0.007 | 49 | 43.6 | 0.109 | 18 | 14.08 |
| 105G_1987_3520 | 0 | 0.16 | 34.7 | 14.8 | 0.69 | 306 | 354 | <2 | 1.63 | 0.009 | 46 | 41.3 | 0.126 | 24 | 18.94 |
| 105G_1987_3522 | 0 | 0.08 | 3.9 | 7.2 | 1.56 | 411 | 548 | <2 | 0.30 | 0.006 | 56 | 53.1 | 0.080 | 3 | 1.68 |
| 105G_1987_3523 | 1 | 0.06 | 5.2 | 6.4 | 1.27 | 537 | 725 | <2 | 0.49 | 0.007 | 40 | 39.3 | 0.089 | 4 | 2.40 |
| 105G_1987_3524 | 2 | 0.05 | 4.4 | 8.4 | 1.24 | 436 | 556 | <2 | 0.44 | 0.005 | 39 | 38.3 | 0.095 | 3 | 2.09 |
| 105G_1987_3525 | 0 | 0.06 | 24.9 | 3.8 | 0.75 | 599 | 824 | <2 | 0.70 | 0.002 | 43 | 37.4 | 0.069 | 19 | 16.77 |
| 105G_1987_3526 | 0 | 0.05 | 13.3 | 3.4 | 0.72 | 310 | 392 | <2 | 0.41 | 0.004 | 30 | 26.0 | 0.076 | 10 | 7.79 |

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| Unique ID | Rep Stat | S ICP-MS % | Sb HY-AAS ppm | Sb ICP-MS ppm | Sc ICP-MS ppm | Se ICP-MS ppm | Sn AAS ppm | Sr ICP-MS ppm | Te ICP-MS ppm | Th ICP-MS ppm | Ti ICP-MS % | Tl ICP-MS ppm | U ICP-MS ppm | U NADNC ppm |
|----------------|----------|---------------|------------------|------------------|------------------|------------------|---------------|------------------|------------------|------------------|----------------|------------------|-----------------|----------------|
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3491 | 0 | 0.15 | <0.2 | 0.28 | 1.7 | 3.3 | 2 | 47.5 | 0.04 | 1.7 | 0.013 | 0.10 | 10.2 | 4.7 |
| 105G_1987_3492 | 0 | 0.06 | 0.8 | 1.08 | 3.1 | 1.0 | 3 | 43.9 | 0.07 | 5.0 | 0.035 | 0.14 | 10.2 | 12.4 |
| 105G_1987_3493 | 0 | 0.14 | 1.1 | 2.25 | 3.1 | 4.8 | 3 | 41.9 | 0.11 | 1.4 | 0.023 | 0.25 | 2.9 | 12.4 |
| 105G_1987_3494 | 0 | 0.04 | 0.7 | 0.85 | 4.4 | 1.5 | 2 | 21.3 | 0.05 | 10.8 | 0.069 | 0.35 | 3.5 | 5.3 |
| 105G_1987_3495 | 0 | 0.11 | 0.3 | 0.53 | 5.5 | 1.0 | 3 | 17.6 | 0.07 | 20.1 | 0.106 | 0.59 | 6.4 | 6.3 |
| 105G_1987_3496 | 0 | 0.07 | <0.2 | 0.10 | 8.1 | 0.7 | 3 | 15.4 | 0.02 | 6.3 | 0.240 | 0.55 | 10.4 | 10.8 |
| 105G_1987_3497 | 0 | 0.05 | <0.2 | 0.06 | 3.5 | 0.2 | 3 | 10.9 | <0.02 | 3.6 | 0.075 | 0.34 | 29.3 | 11.9 |
| 105G_1987_3498 | 0 | 0.08 | <0.2 | 0.11 | 5.9 | 1.3 | 4 | 23.6 | <0.02 | 5.3 | 0.135 | 0.26 | 12.0 | 12.8 |
| 105G_1987_3499 | 0 | | <0.2 | | | | | | | | | | | 11.0 |
| 105G_1987_3500 | 0 | 1.88 | 0.2 | 0.40 | 1.1 | 9.8 | 4 | 53.3 | <0.02 | 1.3 | 0.016 | 0.06 | 36.0 | 36.5 |
| 105G_1987_3502 | 1 | 0.12 | 0.3 | 0.97 | 2.2 | 3.7 | 5 | 32.3 | <0.02 | 3.0 | 0.030 | 0.26 | 27.4 | 30.8 |
| 105G_1987_3503 | 2 | 0.14 | 0.4 | 1.07 | 2.4 | 4.2 | 5 | 33.2 | 0.02 | 3.3 | 0.031 | 0.28 | 29.5 | 30.4 |
| 105G_1987_3504 | 0 | 0.07 | <0.2 | 0.13 | 2.2 | 0.8 | 2 | 14.9 | <0.02 | 8.3 | 0.073 | 0.18 | 28.0 | 29.8 |
| 105G_1987_3505 | 0 | 0.08 | <0.2 | 0.22 | 1.4 | 3.4 | 4 | 14.2 | 0.03 | 6.2 | 0.036 | 0.37 | 11.7 | 13.3 |
| 105G_1987_3506 | 0 | 0.04 | <0.2 | 0.08 | 2.1 | 0.4 | | 12.6 | <0.02 | 6.6 | 0.077 | 0.14 | 6.0 | |
| 105G_1987_3507 | 0 | 0.05 | <0.2 | 0.05 | 2.0 | 0.7 | 4 | 15.5 | <0.02 | 4.4 | 0.052 | 0.14 | 3.0 | 5.5 |
| 105G_1987_3508 | 0 | 0.25 | 0.4 | 0.67 | 1.7 | 2.9 | 2 | 32.3 | <0.02 | 4.2 | 0.031 | 0.24 | 2.8 | 4.2 |
| 105G_1987_3510 | 0 | 0.06 | 0.3 | 0.59 | 2.6 | 2.0 | 4 | 41.8 | 0.03 | 3.3 | 0.027 | 0.07 | 1.9 | 3.7 |
| 105G_1987_3511 | 0 | 0.21 | 32.5 | 28.95 | 1.8 | 11.9 | 4 | 314.3 | 0.09 | 2.6 | 0.013 | 3.02 | 62.2 | 61.4 |
| 105G_1987_3512 | 0 | 0.13 | 2.2 | 4.12 | 2.3 | 8.3 | 5 | 80.0 | 0.04 | 2.3 | 0.014 | 0.16 | 9.3 | 10.6 |
| 105G_1987_3513 | 0 | 0.05 | 1.2 | 1.38 | 3.1 | 0.8 | 3 | 53.0 | 0.04 | 3.2 | 0.012 | 0.13 | 0.7 | 2.9 |
| 105G_1987_3514 | 0 | 0.09 | 0.4 | 1.19 | 3.3 | 1.9 | 5 | 77.4 | 0.04 | 2.2 | 0.021 | 0.10 | 1.0 | 2.7 |
| 105G_1987_3515 | 0 | 0.08 | 0.5 | 0.80 | 3.3 | 1.7 | 5 | 53.2 | 0.03 | 2.7 | 0.026 | 0.09 | 1.4 | 3.4 |
| 105G_1987_3516 | 0 | 0.09 | 3.1 | 3.80 | 2.2 | 3.9 | 3 | 112.0 | 0.08 | 2.2 | 0.007 | 0.23 | 3.9 | 5.8 |
| 105G_1987_3517 | 0 | 0.10 | 1.8 | 2.11 | 1.9 | 2.9 | 5 | 77.1 | 0.05 | 1.8 | 0.013 | 0.21 | 2.5 | 4.6 |
| 105G_1987_3518 | 0 | 0.10 | 0.2 | 0.63 | 3.6 | 2.0 | 5 | 49.5 | 0.02 | 1.9 | 0.050 | 0.08 | 2.8 | 3.9 |
| 105G_1987_3519 | 0 | 0.07 | 0.3 | 0.70 | 3.1 | 1.9 | 3 | 34.2 | 0.03 | 2.3 | 0.067 | 0.07 | 3.3 | 4.5 |
| 105G_1987_3520 | 0 | 0.08 | 0.2 | 0.55 | 3.0 | 2.4 | 3 | 43.5 | 0.02 | 4.2 | 0.033 | 0.15 | 10.5 | 11.3 |
| 105G_1987_3522 | 0 | 0.03 | <0.2 | 0.15 | 2.8 | 0.4 | 2 | 13.8 | 0.02 | 0.5 | 0.127 | 0.03 | 0.2 | 1.2 |
| 105G_1987_3523 | 1 | 0.05 | <0.2 | 0.16 | 2.6 | 1.0 | 3 | 20.8 | <0.02 | 0.8 | 0.102 | 0.03 | 1.7 | 2.6 |
| 105G_1987_3524 | 2 | 0.06 | <0.2 | 0.18 | 2.2 | 1.4 | 2 | 19.8 | <0.02 | 0.7 | 0.085 | 0.03 | 2.2 | 2.9 |
| 105G_1987_3525 | 0 | 0.02 | 0.4 | 0.49 | 1.8 | 0.7 | 2 | 16.2 | 0.06 | 4.6 | 0.020 | 0.04 | 1.6 | 3.4 |
| 105G_1987_3526 | 0 | 0.04 | 0.2 | 0.20 | 1.9 | 0.6 | <1 | 17.6 | <0.02 | 2.9 | 0.052 | 0.04 | 1.2 | 2.9 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3491 | 0 | 21 | 20 | 2 | <0.1 | 121 | 108.2 |
| 105G_1987_3492 | 0 | 34 | 30 | 2 | 0.2 | 133 | 124.0 |
| 105G_1987_3493 | 0 | 39 | 37 | 2 | 0.4 | 331 | 313.4 |
| 105G_1987_3494 | 0 | 46 | 41 | 2 | 0.8 | 1065 | 1039.8 |
| 105G_1987_3495 | 0 | 56 | 50 | 24 | 6.2 | 662 | 634.4 |
| 105G_1987_3496 | 0 | 72 | 77 | 8 | 3.4 | 120 | 106.6 |
| 105G_1987_3497 | 0 | 38 | 32 | 2 | 1.0 | 84 | 80.4 |
| 105G_1987_3498 | 0 | 45 | 41 | 2 | 0.3 | 317 | 289.4 |
| 105G_1987_3499 | 0 | 33 | | | | 93 | |
| 105G_1987_3500 | 0 | 11 | 8 | 4 | 0.3 | 109 | 86.8 |
| 105G_1987_3502 | 1 | 25 | 25 | 4 | 0.5 | 530 | 414.8 |
| 105G_1987_3503 | 2 | 28 | 25 | 2 | 0.4 | 512 | 420.9 |
| 105G_1987_3504 | 0 | 23 | 20 | 10 | 0.6 | 38 | 34.9 |
| 105G_1987_3505 | 0 | 16 | 16 | 4 | 1.4 | 297 | 266.2 |
| 105G_1987_3506 | 0 | 17 | 20 | | 0.2 | 69 | 67.2 |
| 105G_1987_3507 | 0 | 23 | 18 | 8 | 0.7 | 115 | 102.8 |
| 105G_1987_3508 | 0 | 26 | 22 | 2 | 0.3 | 180 | 160.8 |
| 105G_1987_3510 | 0 | 33 | 27 | 4 | 0.2 | 161 | 143.9 |
| 105G_1987_3511 | 0 | 470 | 439 | 2 | 0.2 | 1935 | 1585.0 |
| 105G_1987_3512 | 0 | 47 | 33 | 2 | 0.1 | 1205 | 1094.8 |
| 105G_1987_3513 | 0 | 37 | 30 | 2 | <0.1 | 100 | 83.2 |
| 105G_1987_3514 | 0 | 49 | 42 | 2 | 0.1 | 731 | 634.4 |
| 105G_1987_3515 | 0 | 36 | 33 | 2 | 0.3 | 134 | 116.4 |
| 105G_1987_3516 | 0 | 43 | 34 | 2 | 0.2 | 633 | 585.3 |
| 105G_1987_3517 | 0 | 36 | 30 | 2 | 0.1 | 848 | 747.2 |
| 105G_1987_3518 | 0 | 46 | 43 | 2 | <0.1 | 265 | 236.4 |
| 105G_1987_3519 | 0 | 46 | 43 | 4 | 0.9 | 294 | 248.3 |
| 105G_1987_3520 | 0 | 37 | 30 | 6 | 0.2 | 443 | 382.1 |
| 105G_1987_3522 | 0 | 56 | 54 | 2 | <0.1 | 59 | 52.8 |
| 105G_1987_3523 | 1 | 45 | 43 | 2 | 0.2 | 100 | 90.9 |
| 105G_1987_3524 | 2 | 43 | 41 | 2 | <0.1 | 103 | 89.6 |
| 105G_1987_3525 | 0 | 33 | 27 | 2 | <0.1 | 99 | 84.4 |
| 105G_1987_3526 | 0 | 34 | 29 | 2 | 0.1 | 103 | 90.4 |

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| Unique ID | Rep Stat | Ag | Ag | Al | As | As | Au | Au_wt | Au1 | Au1_wt | B | Ba | Ba | Bi |
|----------------|----------|---------|------------|----------|------------|------------|-----------|-------|-----------|--------|------------|---------|------------|------------|
| | | AAS ppm | ICP-MS ppb | ICP-MS % | HY-AAS ppm | ICP-MS ppm | FA-NA ppb | g | FA-NA ppb | g | ICP-MS ppm | DCP ppm | ICP-MS ppm | ICP-MS ppm |
| | | 0.2 | 2 | 0.01 | 1 | 0.1 | 1 | 0.1 | 1 | 0.1 | 1 | 40 | 0.5 | 0.02 |
| 105G_1987_3527 | 0 | <0.2 | 57 | 1.21 | 2 | 1.9 | <1 | 10.0 | | | <1 | 530 | 97.5 | 0.13 |
| 105G_1987_3528 | 0 | <0.2 | 122 | 1.23 | 6 | 4.8 | <1 | 10.0 | | | <1 | 1010 | 193.5 | 0.34 |
| 105G_1987_3529 | 0 | 0.6 | 509 | 1.38 | 30 | 24.0 | 5 | 10.0 | 9 | 10.0 | 5 | 1500 | 495.8 | 0.43 |
| 105G_1987_3530 | 0 | <0.2 | 32 | 2.75 | 26 | 21.5 | <1 | 10.0 | | | 4 | 1770 | 88.4 | 0.41 |
| 105G_1987_3531 | 0 | <0.2 | 114 | 0.85 | 22 | 19.2 | 3 | 10.0 | | | 2 | 1110 | 213.6 | 0.12 |
| 105G_1987_3532 | 0 | 0.4 | 357 | 2.84 | 4 | 3.4 | <1 | 10.0 | | | 4 | 821 | 290.0 | 0.12 |
| 105G_1987_3533 | 0 | 0.2 | 118 | 0.81 | 8 | 7.1 | 2 | 10.0 | | | <1 | 1430 | 315.8 | 0.13 |
| 105G_1987_3534 | 0 | 0.3 | 189 | 0.78 | 5 | 4.9 | 1 | 10.0 | | | 1 | 1340 | 313.8 | 0.15 |
| 105G_1987_3535 | 0 | 0.5 | 392 | 0.97 | 8 | 6.9 | 4 | 10.0 | | | 1 | 1860 | 710.3 | 0.20 |
| 105G_1987_3536 | 0 | 0.2 | 173 | 1.00 | 8 | 6.3 | 6 | 10.0 | 5 | 10.0 | 1 | 1270 | 317.2 | 0.15 |
| 105G_1987_3537 | 0 | 0.2 | 414 | 0.90 | 3 | 4.2 | 6 | 10.0 | 7 | 5.0 | 4 | 1300 | 560.1 | 0.13 |

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| Unique ID | Rep Stat | Ca | Cd | Cd | Co | Co | Cr | Cu | Cu | F | Fe | Fe | Ga | Hg | Hg |
|----------------|----------|----------|---------|------------|---------|------------|------------|---------|------------|---------|---------|----------|------------|------------|------------|
| | | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ISE ppm | AAS pct | ICP-MS % | ICP-MS ppm | CV-AAS ppb | ICP-MS ppb |
| | | 0.01 | 0.2 | 0.01 | 2 | 0.1 | 0.5 | 2 | 0.01 | 20 | 0.02 | 0.01 | 0.2 | 10 | 5 |
| 105G_1987_3527 | 0 | 0.65 | 0.3 | 0.39 | 10 | 10.5 | 44.4 | 37 | 33.67 | 270 | 1.89 | 1.63 | 2.8 | 30 | 30 |
| 105G_1987_3528 | 0 | 0.58 | 0.4 | 0.39 | 10 | 10.3 | 32.3 | 29 | 25.86 | 405 | 2.79 | 2.36 | 3.7 | 30 | 38 |
| 105G_1987_3529 | 0 | 1.46 | 2.4 | 2.12 | 8 | 9.4 | 28.1 | 44 | 39.75 | 410 | 3.22 | 2.52 | 3.9 | 245 | 240 |
| 105G_1987_3530 | 0 | 1.40 | 0.2 | 0.27 | 9 | 8.3 | 25.6 | 21 | 17.74 | 500 | 2.51 | 1.99 | 8.8 | 25 | 17 |
| 105G_1987_3531 | 0 | 0.69 | 1.2 | 1.05 | 10 | 11.3 | 57.4 | 25 | 22.23 | 425 | 2.26 | 1.99 | 2.5 | 65 | 53 |
| 105G_1987_3532 | 0 | 1.06 | 0.4 | 0.60 | 15 | 19.0 | 236.9 | 76 | 66.16 | 150 | 3.09 | 2.34 | 3.8 | 130 | 192 |
| 105G_1987_3533 | 0 | 0.46 | 0.6 | 0.57 | 10 | 9.5 | 46.6 | 26 | 22.97 | 415 | 2.20 | 1.87 | 2.1 | 55 | 61 |
| 105G_1987_3534 | 0 | 0.59 | 1.4 | 1.28 | 7 | 7.9 | 27.0 | 24 | 23.02 | 380 | 1.66 | 1.49 | 2.2 | 55 | 72 |
| 105G_1987_3535 | 0 | 1.39 | 3.0 | 2.93 | 8 | 8.6 | 11.4 | 37 | 36.16 | 435 | 2.65 | 2.13 | 2.5 | 125 | 171 |
| 105G_1987_3536 | 0 | 0.70 | 1.1 | 0.98 | 10 | 10.5 | 52.9 | 40 | 36.86 | 380 | 2.32 | 1.96 | 2.5 | 65 | 81 |
| 105G_1987_3537 | 0 | 1.94 | 3.9 | 3.44 | 9 | 10.0 | 42.3 | 74 | 68.03 | 240 | 1.70 | 1.90 | 1.9 | 235 | 302 |

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| Unique ID | Rep Stat | K | La | LOI | Mg | Mn | Mn | Mo | Mo | Na | Ni | Ni | P | Pb | Pb |
|----------------|----------|-------------|---------------|-------------|-------------|------------|---------------|------------|---------------|-------------|------------|---------------|-------------|------------|---------------|
| | | ICP-MS % | ICP-MS ppm | GRAV pct | ICP-MS % | AAS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm | ICP-MS % | AAS ppm | ICP-MS ppm |
| | | 0.01 | 0.5 | 1.0 | 0.01 | 5 | 1 | 2 | 0.01 | 0.001 | 2 | 0.1 | 0.001 | 2 | 0.01 |
| 105G_1987_3527 | 0 | 0.07 | 8.5 | 9.6 | 0.80 | 241 | 295 | <2 | 0.31 | 0.006 | 28 | 27.0 | 0.080 | 6 | 4.45 |
| 105G_1987_3528 | 0 | 0.11 | 18.9 | 8.8 | 0.68 | 767 | 937 | <2 | 1.09 | 0.008 | 38 | 33.4 | 0.088 | 13 | 9.55 |
| 105G_1987_3529 | 0 | 0.11 | 22.3 | 29.8 | 0.49 | 2610 | 2205 | 3 | 3.05 | 0.012 | 43 | 42.1 | 0.109 | 14 | 11.22 |
| 105G_1987_3530 | 0 | 0.13 | 19.4 | 12.4 | 0.74 | 332 | 366 | <2 | 0.53 | 0.077 | 21 | 17.8 | 0.074 | 15 | 11.42 |
| 105G_1987_3531 | 0 | 0.08 | 15.2 | 8.8 | 0.98 | 1017 | 1229 | <2 | 1.00 | 0.007 | 91 | 79.2 | 0.123 | 10 | 7.99 |
| 105G_1987_3532 | 0 | 0.12 | 10.7 | 34.6 | 2.04 | 202 | 291 | <2 | 0.82 | 0.012 | 562 | 383.4 | 0.120 | 7 | 5.53 |
| 105G_1987_3533 | 0 | 0.06 | 13.8 | 3.9 | 0.78 | 269 | 350 | <2 | 1.54 | 0.004 | 64 | 56.9 | 0.094 | 14 | 10.57 |
| 105G_1987_3534 | 0 | 0.07 | 14.4 | 5.4 | 0.56 | 151 | 195 | <2 | 0.86 | 0.006 | 40 | 38.3 | 0.113 | 14 | 11.75 |
| 105G_1987_3535 | 0 | 0.11 | 12.1 | 28.4 | 0.40 | 6522 | 5193 | <2 | 1.71 | 0.007 | 25 | 22.6 | 0.097 | 20 | 15.20 |
| 105G_1987_3536 | 0 | 0.09 | 12.7 | 7.8 | 0.88 | 603 | 706 | <2 | 1.18 | 0.007 | 80 | 69.5 | 0.083 | 15 | 11.53 |
| 105G_1987_3537 | 0 | 0.06 | 6.3 | 50.8 | 0.64 | 1700 | 1544 | <2 | 1.15 | 0.008 | 97 | 93.0 | 0.110 | 11 | 7.93 |

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| Unique ID | Rep Stat | S | Sb | Sb | Sc | Se | Sn | Sr | Te | Th | Ti | Tl | U | U |
|----------------|----------|-------------|---------------|---------------|---------------|---------------|---------------|------------|---------------|---------------|---------------|-------------|---------------|---------------|
| | | ICP-MS % | HY-AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS ppm | ICP-MS % | ICP-MS ppm | ICP-MS ppm |
| | | 0.01 | 0.2 | 0.02 | 0.1 | 0.1 | 1 | 0.5 | 0.02 | 0.1 | 0.001 | 0.02 | 0.1 | 0.5 |
| 105G_1987_3527 | 0 | 0.04 | <0.2 | 0.15 | 2.5 | 0.8 | 2 | 12.0 | <0.02 | 1.4 | 0.060 | 0.06 | 1.0 | 2.6 |
| 105G_1987_3528 | 0 | 0.06 | <0.2 | 0.21 | 3.0 | 1.0 | 2 | 25.3 | 0.03 | 3.0 | 0.055 | 0.13 | 8.8 | 10.2 |
| 105G_1987_3529 | 0 | 0.21 | 0.4 | 1.05 | 3.3 | 6.3 | 6 | 78.4 | 0.03 | 2.5 | 0.030 | 0.19 | 14.1 | 15.4 |
| 105G_1987_3530 | 0 | 0.06 | 0.3 | 0.45 | 3.2 | 0.7 | 5 | 94.8 | 0.02 | 8.6 | 0.074 | 0.15 | 8.6 | 14.7 |
| 105G_1987_3531 | 0 | 0.06 | <0.2 | 0.55 | 2.3 | 1.7 | 5 | 34.6 | <0.02 | 2.9 | 0.024 | 0.09 | 3.1 | 4.7 |
| 105G_1987_3532 | 0 | 0.11 | 0.3 | 0.46 | 10.1 | 2.8 | 6 | 33.8 | 0.02 | 1.2 | 0.017 | 0.10 | 1.2 | 2.5 |
| 105G_1987_3533 | 0 | 0.02 | 1.0 | 0.85 | 2.0 | 0.5 | 3 | 27.9 | 0.04 | 3.9 | 0.016 | 0.06 | 0.9 | 2.8 |
| 105G_1987_3534 | 0 | 0.03 | 0.5 | 0.75 | 2.0 | 1.2 | 3 | 34.0 | <0.02 | 3.8 | 0.014 | 0.11 | 1.4 | 4.0 |
| 105G_1987_3535 | 0 | 0.21 | 0.4 | 0.66 | 2.2 | 4.4 | 3 | 114.9 | 0.03 | 2.9 | 0.003 | 0.14 | 5.6 | 7.8 |
| 105G_1987_3536 | 0 | 0.04 | 0.9 | 0.79 | 2.7 | 1.0 | 3 | 36.1 | 0.03 | 3.2 | 0.012 | 0.09 | 1.5 | 3.4 |
| 105G_1987_3537 | 0 | 0.55 | 0.6 | 1.26 | 2.6 | 4.6 | 5 | 116.0 | 0.04 | 1.3 | 0.005 | 0.11 | 4.4 | 5.2 |

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| Unique ID | Rep Stat | V | V | W | W | Zn | Zn |
|----------------|----------|---------|------------|---------|------------|---------|------------|
| | | AAS ppm | ICP-MS ppm | COL ppm | ICP-MS ppm | AAS ppm | ICP-MS ppm |
| | | 5 | 2 | 2 | 0.1 | 2 | 0.1 |
| 105G_1987_3527 | 0 | 37 | 31 | 2 | 0.2 | 79 | 70.1 |
| 105G_1987_3528 | 0 | 41 | 32 | 2 | 0.3 | 115 | 92.1 |
| 105G_1987_3529 | 0 | 36 | 32 | 20 | 0.1 | 201 | 163.3 |
| 105G_1987_3530 | 0 | 37 | 31 | 2 | 4.6 | 75 | 60.7 |
| 105G_1987_3531 | 0 | 31 | 26 | 2 | 0.1 | 185 | 159.2 |
| 105G_1987_3532 | 0 | 42 | 46 | 2 | 0.1 | 111 | 94.2 |
| 105G_1987_3533 | 0 | 27 | 23 | 2 | 0.7 | 108 | 92.5 |
| 105G_1987_3534 | 0 | 26 | 22 | 8 | 0.1 | 229 | 218.8 |
| 105G_1987_3535 | 0 | 23 | 20 | 2 | <0.1 | 210 | 193.0 |
| 105G_1987_3536 | 0 | 29 | 26 | 2 | 0.1 | 123 | 107.5 |
| 105G_1987_3537 | 0 | 25 | 22 | 2 | <0.1 | 233 | 201.1 |