

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RESULTS OF STREAM-SEDIMENT SAMPLING BETWEEN WINDY FORK AND  
POST RIVER, SOUTHERN ALASKA RANGE

By

Raymond L. Elliott and Bruce L. Reed

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and has not been edited or  
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Geological Survey standards

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Analytical data for stream-sediment samples collected between Windy Fork and Post River in the McGrath quadrangle are given in this report. The samples were collected in the summer of 1967 during field evaluation of the southern Alaska Range for the Heavy Metals program of the U.S. Geological Survey. These data supplement two Geological Survey Circulars that give selected data of economic interest--one on the Bowser Creek area (Reed and Elliott, 1968a), the other on several other areas between Windy Fork and Post River (Reed and Elliott, 1968b).

The analyses are given in tabular form and consist of atomic absorption analyses for gold and semiquantitative spectrographic analyses for a group of 34 elements. Locations of the 556 samples in the table are shown on figure 1. Because of the number of samples collected by this and other Heavy Metals projects, three different spectrometers of the Geological Survey were used. For most elements the limits of determination are very similar for the three spectrometers; but there are differences, and so the analyses are marked by a set of symbols keyed to the corresponding limits of detectability given at the end of the table.

Analyses for 24 elements are given for all samples. Ten other elements were either not detected or detected in so few samples that, where present, they are shown in the "Remarks Column" of the table. These elements and their limits of determination in the three laboratories are given below:

| Element | Limits of determination |      |
|---------|-------------------------|------|
|         | (ppm)                   |      |
|         | *, **                   | †    |
| As      | 200                     | 2000 |
| Bi      | 10                      | 10   |
| Cd      | 20                      | 50   |
| Pd      | ---                     | 2    |
| Pt      | ---                     | 50   |
| Sb      | 100                     | 200  |
| Sn      | 10                      | 10   |
| Ta      | ---                     | 200  |
| Te      | ---                     | 2000 |
| W       | 50                      | 100  |

The following values for some of the economic elements are tentatively suggested as anomalous values for stream-sediment samples in this area.

| Element | Anomalous values                     |
|---------|--------------------------------------|
|         | for stream sediment samples<br>(ppm) |
| Ag      | 1                                    |
| Cu      | 150                                  |
| Mo      | 10                                   |
| Pb      | 100                                  |
| Zn      | 300                                  |

#### References cited

- Reed, B. L., and Elliott, R. L., 1968a, Lead, zinc and silver deposits at Bowser Creek, McGrath A-2 quadrangle, Alaska: U.S. Geol. Survey Circ. 559
- Reed, B. L., and Elliott, R. L., 1968b, Geochemical anomalies and metalliferous deposits between Windy Fork and Post River, southern Alaska Range: U.S. Geol. Survey Circ.

Table 1---Semi-quantitative spectrographical analysis of the 1967-68 sediment samples collected from the lower reaches of the river, southern Alaska

Analysts: W. L. Campbell, N. M. Conklin, Arnold Forde, Jr., J. L. Hays, D. C. Grimes, D. W. Hamilton, J. L. Meier, R. L. Miller, H. G. Meinen, T. A. Swann.  
 Analyses, unless noted, are semi-quantitative spectrographical and are reported in the series 0.1, 0.15, 0.2, 0.3, 0.5, 0.7, 1.0, 1.5, or by the following symbols: N = not detected; < = detected, but below the limit of determination; -- = not looked for; > = greater than value shown. Limits of determination are given at the end of the table.

| Sample No.        | Lab. No. | Field No. | Ag  | Au   | B   | Ba   | Be  | Co | Cr   | Cu  | La  | Mn   | Mo | Nb  | Ni  | Pb  | Sc   | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe  | Mg  | Ti | Remarks |
|-------------------|----------|-----------|-----|------|-----|------|-----|----|------|-----|-----|------|----|-----|-----|-----|------|------|-----|----|------|-----|-----|-----|-----|----|---------|
| parts per million |          |           |     |      |     |      |     |    |      |     |     |      |    |     |     |     |      |      |     |    |      |     |     |     |     |    |         |
| percent           |          |           |     |      |     |      |     |    |      |     |     |      |    |     |     |     |      |      |     |    |      |     |     |     |     |    |         |
| xx 1              | AC6335   | 67A476    | <.5 | <.02 | 70  | 1500 | 1   | 15 | 300  | 50  | N   | 700  | 10 | <10 | 100 | 30  | 15   | 200  | 200 | 20 | 200  | 100 | 3   | 5   | 3   | .5 |         |
| xx 2              | 376      | 77        | .5  | <.02 | 200 | 1500 | 1   | 15 | 150  | 70  | 30  | 700  | 10 | <10 | 70  | 50  | 15   | 200  | 300 | 30 | 200  | 150 | 2   | 7   | 2   | .7 |         |
| xx 3              | 377      | 78        | <.5 | <.02 | 200 | 1500 | 1.5 | 15 | 150  | 70  | 30  | 700  | 5  | 10  | 70  | 50  | 15   | 300  | 200 | 30 | <200 | 150 | 2   | 7   | 1.5 | .7 |         |
| xx 4              | 378      | 79        | <.5 | <.02 | 150 | 1000 | 1   | 15 | 300  | 70  | N   | 700  | 7  | <10 | 70  | 30  | 15   | 300  | 200 | 30 | <200 | 100 | 2   | 7   | 3   | .5 |         |
| xx 5              | 379      | 80        | .5  | <.02 | 100 | 1000 | 1   | 15 | 300  | 100 | N   | 1000 | 7  | <10 | 100 | 50  | 15   | 200  | 300 | 30 | 300  | 150 | 2   | 7   | 2   | .7 |         |
| xx 6              | 239      | B444      | .5  | <.02 | 100 | 1500 | 1   | 20 | 700  | 100 | 20  | 700  | 10 | <10 | 150 | 50  | 20   | 100  | 300 | 30 | 300  | 150 | 1.5 | 7   | 1.5 | .7 |         |
| xx 7              | 255      | 65        | 1.5 | <.02 | 70  | 1500 | 1   | 20 | 1500 | 150 | N   | 700  | 15 | <10 | 200 | 50  | 15   | 150  | 300 | 30 | 500  | 150 | 1.5 | 7   | 2   | .5 |         |
| xx 8              | 256      | 67        | .7  | <.02 | 100 | 1500 | 1   | 15 | 300  | 70  | N   | 300  | 15 | 10  | 100 | 50  | 15   | 200  | 300 | 30 | 300  | 150 | 1.5 | 5   | 1.5 | .5 |         |
| xx 9              | 258      | 69        | .5  | <.02 | 70  | 1500 | 1   | 20 | 700  | 70  | N   | 700  | 10 | <10 | 150 | 30  | 15   | 150  | 300 | 20 | 300  | 150 | 1.5 | 7   | 2   | .5 |         |
| xx 10             | 257      | 68        | .5  | <.02 | 30  | 1000 | 1   | 20 | 700  | 70  | N   | 700  | 10 | <10 | 150 | 20  | 15   | 150  | 200 | 20 | 300  | 100 | 1.5 | 7   | 2   | .5 |         |
| xx 11             | 259      | 70        | <.5 | <.02 | 100 | 1500 | <1  | 30 | 1000 | 100 | N   | 700  | 10 | <10 | 200 | 30  | 20   | 200  | 300 | 30 | 200  | 150 | 1.5 | 7   | 3   | .5 |         |
| xx 12             | 260      | 71        | <.5 | <.02 | 100 | 1500 | 1   | 20 | 300  | 70  | 20  | 700  | 15 | 10  | 150 | 50  | 20   | 300  | 300 | 30 | 300  | 150 | 1.5 | 7   | 2   | .5 |         |
| xx 13             | 261      | 72        | <.5 | <.02 | 100 | 1000 | 3   | 30 | 200  | 70  | 70  | 1000 | 10 | 15  | 150 | 70  | 15   | 150  | 200 | 70 | 200  | 200 | 1   | 7   | 1.5 | .5 |         |
| xx 14             | 262      | 74        | <.5 | <.02 | 70  | 1000 | <1  | 15 | 300  | 100 | 20  | 700  | 7  | <10 | 150 | 30  | 15   | 150  | 200 | 30 | 200  | 100 | 2   | 5   | 1.5 | .5 |         |
| xx 15             | 263      | 75        | 1.5 | .02  | 70  | 1000 | 1   | 20 | 150  | 70  | 30  | 700  | 5  | 10  | 70  | 50  | 15   | 70   | 200 | 30 | 200  | 150 | 1   | 7   | 1.5 | .5 |         |
| xx 16             | 264      | 76        | <.5 | <.02 | 70  | 1500 | <1  | 20 | 500  | 70  | 20  | 700  | 10 | <10 | 100 | 20  | 20   | 200  | 300 | 30 | 200  | 150 | 5   | 7   | 2   | .5 |         |
| xx 17             | ACJ170   | 67AE331   | .5  | <.02 | 100 | 1000 | 15  | 20 | 300  | 100 | N   | 700  | N  | <10 | 100 | 15  | 15   | 100  | 100 | 20 | <200 | 150 | 1.5 | 3   | 1.5 | .5 |         |
| † 18              | AC684    | 67AR269   | 1.5 | <.02 | 30  | 1500 | 1   | 30 | 150  | 150 | N   | 700  | A  | 10  | 70  | 150 | --   | 150  | 150 | 20 | 300  | 150 | 1.5 | 2   | .7  | .3 |         |
| † 19              | 642      | 270       | N   | <.02 | 30  | 1500 | 1   | 30 | 150  | 200 | N   | 700  | 3  | 10  | 70  | 70  | --   | 150  | 150 | 30 | 200  | 150 | .7  | 3   | .7  | .7 |         |
| † 20              | 643      | 271       | N   | <.02 | 30  | 1500 | 1   | 30 | 150  | 200 | 30  | 700  | 3  | <10 | 70  | 30  | --   | 150  | 200 | 30 | N    | 150 | 2   | 5   | 1.5 | .7 |         |
| † 21              | 644      | 272       | N   | <.02 | 30  | 1000 | 1   | 30 | 150  | 150 | 30  | 700  | N  | <10 | 70  | 30  | --   | 150  | 150 | 30 | N    | 150 | .7  | 3   | 1   | .5 |         |
| † 22              | 646      | 274       | N   | <.02 | 70  | 700  | N   | 15 | 150  | 150 | N   | 500  | N  | <10 | 70  | 15  | --   | 150  | 150 | 15 | N    | 150 | .7  | 2   | .7  | .3 |         |
| † 23              | 645      | 273       | N   | <1   | 30  | 1000 | 1.5 | 20 | 150  | 150 | 30  | 700  | 3  | 10  | 70  | 30  | --   | 150  | 150 | 30 | N    | 150 | .7  | 3   | .7  | .5 |         |
| † 24              | 647      | 275       | N   | <1   | 30  | 700  | N   | 15 | 70   | 70  | 30  | 500  | N  | <10 | 30  | 15  | --   | 300  | 100 | 20 | N    | 150 | 1.5 | 2   | .7  | .3 |         |
| † 25              | 648      | 276       | N   | <.02 | 50  | 500  | N   | 7  | 30   | 70  | 30  | 500  | 3  | <10 | 15  | 15  | --   | 300  | 70  | 15 | N    | 70  | 1.5 | 1.5 | .7  | .3 |         |
| † 26              | 649      | 277       | N   | <.02 | <20 | 700  | N   | 15 | 70   | 70  | 30  | 500  | N  | <10 | 30  | 15  | --   | 700  | 150 | 15 | N    | 150 | 2   | 3   | 1   | .3 |         |
| † 27              | 277      | 67AB96    | 2   | <.02 | 30  | 500  | 1.5 | 10 | 70   | 150 | 30  | 300  | N  | <10 | 30  | 15  | --   | 150  | 70  | 15 | N    | 150 | 5   | 1.5 | 1.5 | .2 |         |
| † 28              | 278      | 97        | N   | <.02 | 50  | 700  | 1.5 | 15 | 70   | 70  | 30  | 300  | 3  | <10 | 70  | 15  | --   | 150  | 150 | 15 | N    | 150 | 3   | 2   | 1.5 | .2 |         |
| † 29              | 279      | 98        | N   | <.02 | 50  | 500  | 1   | 15 | 70   | 70  | 30  | 300  | N  | <10 | 70  | 15  | --   | 200  | 150 | 15 | N    | 150 | 3   | 2   | 1.5 | .3 |         |
| † 30              | 280      | 99        | N   | <.02 | 70  | 500  | 1.5 | 15 | 70   | 70  | 30  | 500  | N  | <10 | 70  | 15  | --   | 500  | 150 | 15 | N    | 150 | 3   | 2   | 1.5 | .3 |         |
| † 31              | 281      | 100       | N   | <.02 | 70  | 500  | N   | 15 | 100  | 70  | 30  | 300  | N  | <10 | 70  | 15  | --   | 1000 | 150 | 15 | N    | 150 | 3   | 1.5 | 1.5 | .3 |         |
| † 32              | 282      | 101       | N   | <.02 | 50  | 500  | N   | 15 | 70   | 70  | N   | 300  | N  | N   | 50  | 15  | --   | 200  | 100 | 15 | N    | 150 | 3   | 1.5 | 1   | .3 |         |
| † 33              | 283      | 102       | N   | <.02 | 30  | 700  | 1   | 15 | 200  | 70  | 30  | 500  | N  | <10 | 70  | 15  | --   | 150  | 150 | 15 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| † 34              | 285      | 104       | N   | <.02 | 30  | 700  | N   | 30 | 300  | 70  | N   | 700  | N  | <10 | 150 | 15  | --   | 150  | 150 | 15 | N    | 150 | 1.5 | 3   | 3   | .3 |         |
| † 35              | 286      | 105       | N   | <.02 | 30  | 1000 | 1.5 | 15 | 70   | 50  | 30  | 700  | N  | 10  | 50  | 15  | --   | 300  | 100 | 30 | N    | 150 | .7  | 1.5 | .7  | .3 |         |
| † 36              | 287      | 106       | N   | <.02 | N   | 700  | 1.5 | 15 | 15   | 20  | 30  | 700  | N  | <10 | 7   | 15  | --   | 300  | 70  | 30 | N    | 150 | .3  | 1.5 | 1   | .3 |         |
| † 37              | 288      | 107       | N   | <.02 | 30  | 700  | 1   | 20 | 200  | 70  | 30  | 500  | N  | <10 | 70  | 15  | --   | 150  | 70  | 15 | N    | 150 | .7  | 2   | 1.5 | .3 |         |
| † 38              | 289      | 108       | N   | <.02 | 50  | 500  | N   | 15 | 70   | 70  | N   | 300  | N  | <10 | 70  | 15  | --   | 200  | 70  | 15 | N    | 150 | 3   | 1.5 | 1   | .2 |         |
| xx 39             | ACJ169   | 67AE330   | .7  | <.02 | 30  | 1000 | <1  | 30 | 1000 | 100 | <20 | 700  | N  | <10 | 200 | 15  | 15   | 100  | 100 | 15 | 200  | 100 | 1.5 | 5   | 2   | .3 |         |
| xx 40             | 168      | 329       | <.5 | <.02 | 70  | 1000 | 1   | 15 | 200  | 70  | <20 | 500  | N  | <10 | 100 | 20  | 15   | 70   | 100 | 15 | <200 | 100 | 1   | 3   | 1.5 | .3 |         |
| x 41              | AC6106   | 67AE6     | N   | <.02 | 30  | 700  | N   | 30 | 300  | 30  | 30  | 700  | N  | <20 | 100 | N   | 15   | 200  | 100 | 15 | N    | 150 | 7   | 3   | .7  | .3 |         |
| x 42              | 107      | 7         | N   | <.02 | 30  | 700  | N   | 15 | 200  | 30  | 30  | 200  | N  | <20 | 50  | N   | 15   | 200  | 100 | 20 | 200  | 150 | 10  | 3   | .7  | .3 |         |
| x 43              | 105      | 5         | N   | <.02 | 50  | 1000 | N   | 20 | 150  | 20  | 30  | 300  | N  | <20 | 50  | N   | 15   | 200  | 100 | 15 | N    | 100 | 10  | 3   | 1   | .2 |         |
| x 44              | 104      | 4         | N   | <.02 | 50  | 1000 | 1   | 30 | 150  | 50  | 50  | 700  | 5  | <20 | 30  | N   | 20   | 150  | 150 | 20 | 200  | 200 | 1.5 | 5   | .7  | .5 |         |
| x 45              | 103      | 3         | N   | .02  | 30  | 700  | N   | 50 | 200  | 70  | 20  | 700  | N  | <20 | 50  | N   | 20   | 100  | 100 | 10 | N    | 150 | 3   | 3   | .7  | .3 |         |
| x 46              | 101      | 1         | N   | <.02 | 30  | 700  | N   | 10 | 150  | 15  | N   | 300  | N  | <20 | 30  | N   | 20   | 300  | 70  | 10 | N    | 100 | 10  | 3   | 1.5 | .3 |         |
| † 47              | 973      | 67AB200   | N   | <.02 | --  | 1000 | 1   | 10 | 100  | 100 | N   | 500  | N  | <10 | 70  | 50  | --   | 700  | 100 | 20 | 200  | 100 | 5   | 3   | 1   | .5 |         |
| † 48              | 972      | 199       | N   | <.02 | --  | 700  | N   | 7  | 70   | 70  | N   | 500  | N  | N   | 30  | 20  | --   | 500  | 100 | 15 | N    | 70  | 5   | 2   | 1   | .3 |         |
| † 49              | 974      | 201       | N   | <.02 | --  | 700  | 1   | 7  | 70   | 70  | N   | 500  | N  | N   | 30  | 15  | --   | 500  | 150 | 15 | N    | 70  | 5   | 2   | 1   | .3 |         |
| † 50              | 975      | 202       | N   | <.02 | --  | 700  | 1   | 10 | 70   | 70  | N   | 500  | N  | <10 | 50  | 20  | --   | 200  | 100 | 20 | N    | 100 | 2   | 3   | 1.5 | .5 |         |
| † 51              | 976      | 203       | N   | <.02 | --  | 700  | 1   | 10 | 70   | 50  | N   | 500  | N  | N   | 50  | 15  | --   | 700  | 150 | 15 | N    | 70  | 7   | 2   | 1   | .3 |         |
| † 52              | 977      | 204       | N   | <.02 | --  | 500  | 1   | 15 | 70   | 200 | N   | 1000 | N  | <10 | 50  | 50  | --</ |      |     |    |      |     |     |     |     |    |         |

| Sample No.        | Lab. No. | Field No. | Ag  | Au   | B   | Ba   | Be  | Co | Cr  | Cu  | La  | Mn   | Mo | Nb  | Ni  | Pb  | Sc | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe  | Mg  | Ti | Remarks |
|-------------------|----------|-----------|-----|------|-----|------|-----|----|-----|-----|-----|------|----|-----|-----|-----|----|------|-----|----|------|-----|-----|-----|-----|----|---------|
| parts per million |          |           |     |      |     |      |     |    |     |     |     |      |    |     |     |     |    |      |     |    |      |     |     |     |     |    |         |
| percent           |          |           |     |      |     |      |     |    |     |     |     |      |    |     |     |     |    |      |     |    |      |     |     |     |     |    |         |
| † 71              | AC6881   | 67A-277   | N   | <.02 | -   | 500  | 1   | 7  | 70  | 100 | N   | 500  | N  | <10 | 20  | 30  | -  | 200  | 150 | 15 | N    | 100 | 3   | 2   | 1.5 | .3 |         |
| † 72              | 882      | 278       | N   | <.02 | -   | 500  | 1   | 10 | 70  | 50  | N   | 300  | N  | <10 | 30  | 10  | -  | 200  | 150 | 15 | N    | 100 | 3   | 2   | 1   | .3 |         |
| † 73              | 883      | 279       | N   | <.02 | -   | 500  | 1   | 7  | 70  | 50  | N   | 200  | N  | <10 | 20  | 10  | -  | 200  | 100 | 15 | N    | 70  | 3   | 1.5 | 1   | .3 |         |
| † 74              | 884      | 280       | N   | <.02 | -   | 500  | N   | 7  | 70  | 50  | N   | 300  | N  | N   | 30  | 15  | -  | 200  | 100 | 15 | N    | 70  | 5   | 1.5 | 1   | .3 |         |
| † 75              | 992      | 67A-219   | N   | <.02 | -   | 1000 | 1   | 10 | 100 | 100 | N   | 500  | N  | N   | 70  | 15  | -  | 700  | 150 | 15 | N    | 100 | 5   | 3   | 1.5 | .3 |         |
| † 76              | 885      | 67A-281   | N   | <.02 | -   | 500  | N   | 7  | 100 | 50  | N   | 300  | N  | N   | 30  | 15  | -  | 300  | 100 | 15 | N    | 100 | 5   | 2   | 1   | .3 |         |
| † 77              | 993      | 67A-228   | N   | <.02 | -   | 700  | 1   | 15 | 70  | 200 | N   | 700  | N  | N   | 70  | 100 | -  | 700  | 200 | 15 | N    | 70  | 5   | 3   | 1.5 | .2 |         |
| x 78              | 108      | 67A-8     | N   | <.02 | 50  | 700  | N   | 20 | 150 | 50  | 30  | 300  | N  | <20 | 30  | 30  | 15 | 300  | 100 | 20 | 200  | 150 | 10  | 3   | 1   | .3 |         |
| † 79              | ACJ 085  | 67AR 399  | N   | <.02 | -   | 700  | 1.5 | 15 | 100 | 150 | 30  | 500  | N  | 10  | 70  | 20  | -  | 150  | 100 | 30 | N    | 150 | 2   | 3   | 1.5 | .5 |         |
| † 80              | 082      | 396       | N   | <.02 | -   | 1000 | 1.5 | 20 | 100 | 100 | 50  | 500  | N  | <10 | 70  | 50  | -  | 200  | 200 | 50 | N    | 100 | .7  | 3   | 2   | .5 |         |
| † 81              | 083      | 397       | N   | <.02 | -   | 700  | 1.5 | 15 | 100 | 100 | 30  | 500  | N  | 10  | 70  | 30  | -  | 150  | 100 | 50 | N    | 100 | .7  | 3   | 2   | .5 |         |
| † 82              | 084      | 398       | N   | <.02 | -   | 1000 | 2   | 15 | 100 | 70  | 50  | 500  | N  | 10  | 50  | 30  | -  | 200  | 100 | 50 | N    | 100 | 1.5 | 3   | 2   | .5 | Cd 150  |
| † 83              | ACG599   | 67A-250   | N   | <.02 | -   | 500  | 1   | 10 | 70  | 100 | N   | 300  | 10 | <10 | 50  | 20  | -  | 100  | 100 | 20 | 200  | 100 | .7  | 2   | 1   | .3 |         |
| † 84              | ACJ101   | 253       | N   | <.02 | -   | 1000 | 2   | 20 | 100 | 150 | 30  | 500  | N  | 10  | 70  | 30  | -  | 200  | 150 | 30 | 200  | 200 | 1.5 | 3   | .2  | .7 |         |
| † 85              | 102      | 255       | N   | <.02 | -   | 3000 | 1.5 | 15 | 50  | 200 | N   | 500  | 10 | N   | 100 | 100 | -  | 150  | 150 | 50 | 500  | 100 | .5  | 5   | 1   | .2 |         |
| † 86              | 103      | 256       | N   | <.02 | -   | 2000 | 1.5 | 15 | 70  | 200 | N   | 700  | 7  | <10 | 150 | 50  | -  | 150  | 150 | 30 | 300  | 100 | .7  | 5   | 1.5 | .3 |         |
| † 87              | 104      | 257       | N   | <.02 | -   | 2000 | 2   | 20 | 50  | 150 | N   | 500  | 10 | <10 | 150 | 50  | -  | 70   | 150 | 70 | 700  | 100 | .7  | 2   | 1   | .2 |         |
| † 88              | 105      | 258       | N   | <.02 | -   | 1500 | 1.5 | 15 | 70  | 100 | N   | 500  | 5  | <10 | 70  | 30  | -  | 70   | 150 | 30 | 500  | 100 | 1   | 3   | 1.5 | .3 |         |
| † 89              | 024      | 67AR360   | <1  | <.02 | -   | 1500 | 2   | 20 | 150 | 200 | N   | 500  | 5  | 10  | 100 | 100 | -  | 200  | 200 | 50 | 700  | 200 | 3   | 5   | 3   | .5 |         |
| † 90              | 025      | 361       | N   | <.02 | -   | 1500 | 2   | 20 | 100 | 150 | 30  | 500  | 5  | 10  | 100 | 100 | -  | 200  | 200 | 50 | 700  | 200 | 3   | 5   | 3   | .5 |         |
| † 91              | 026      | 362       | N   | <.02 | -   | 1500 | 2   | 20 | 100 | 200 | N   | 500  | 5  | <10 | 100 | 100 | -  | 200  | 150 | 30 | 700  | 200 | 3   | 5   | 3   | .5 |         |
| x 92              | ACG109   | 67A-9     | N   | <.02 | 50  | 700  | N   | 15 | 150 | 20  | 20  | 300  | N  | <20 | 30  | 30  | 15 | 700  | 100 | 15 | N    | 150 | 7   | 3   | 1   | .3 |         |
| x 93              | 110      | 10        | .5  | <.02 | 30  | 700  | N   | 10 | 70  | 30  | 30  | 700  | N  | <20 | 20  | 70  | 15 | 300  | 70  | 15 | <200 | 100 | 2   | 3   | .3  | .2 |         |
| xx 94             | 747      | 67A-149   | N   | <.02 | 100 | 500  | 1   | 15 | 100 | 30  | 20  | 700  | N  | <10 | 30  | 50  | 15 | 700  | 100 | 20 | N    | 150 | 3   | 5   | 1.5 | .3 |         |
| † 95              | ACJ035   | 67AR371   | N   | <.02 | -   | 700  | 1   | 10 | 20  | 10  | N   | 700  | N  | 10  | 7   | 20  | -  | 300  | 70  | 20 | N    | 150 | .7  | 3   | 1   | .5 |         |
| † 96              | 036      | 372       | N   | <.02 | -   | 1000 | 1   | 20 | 30  | 50  | N   | 1000 | N  | <10 | 10  | 70  | -  | 700  | 150 | 30 | N    | 150 | 3   | 5   | 1.5 | .7 |         |
| † 97              | 037      | 373       | N   | <.02 | -   | 700  | 1   | 15 | 30  | 50  | N   | 500  | N  | <10 | 15  | 20  | -  | 700  | 100 | 20 | N    | 100 | 3   | 3   | 1.5 | .5 |         |
| † 98              | 038      | 374       | N   | <.02 | -   | 700  | 1   | 10 | 20  | 50  | N   | 500  | N  | <10 | 10  | 15  | -  | 700  | 70  | 20 | N    | 150 | 3   | 2   | 1   | .5 |         |
| 99                | 039      | 375       | N   | <.02 | -   | 700  | N   | 10 | 20  | 50  | N   | 500  | N  | <10 | 10  | 15  | -  | 700  | 70  | 15 | N    | 100 | 5   | 2   | 1   | .3 |         |
| † 100             | 040      | 376       | N   | <.02 | -   | 700  | N   | 10 | 30  | 50  | N   | 500  | N  | <10 | 15  | 15  | -  | 700  | 70  | 15 | N    | 100 | 5   | 2   | 1.5 | .3 |         |
| † 101             | 041      | 377       | N   | <.02 | -   | 700  | N   | 10 | 50  | 50  | N   | 500  | N  | <10 | 20  | 10  | -  | 700  | 70  | 15 | N    | 100 | 7   | 2   | 1.5 | .3 |         |
| xx 102            | ACG745   | 67A-147   | N   | <.02 | 50  | 700  | <1  | 15 | 100 | 30  | 20  | 500  | N  | 10  | 30  | 20  | 10 | 1000 | 70  | 15 | N    | 150 | 2   | 5   | 1.5 | .3 |         |
| xx 103            | ACJ158   | 67A-318   | N   | <.02 | 70  | 700  | 1   | 15 | 150 | 70  | N   | 200  | N  | <10 | 30  | 30  | 15 | 200  | 100 | 15 | N    | 100 | 1.5 | 3   | 1   | .3 |         |
| xx 104            | 159      | 319       | 2   | <.02 | 70  | 700  | 1   | 10 | 150 | 70  | N   | 300  | N  | <10 | 30  | 30  | 15 | 200  | 100 | 15 | N    | 150 | 2   | 3   | 1   | .3 | Sb 100  |
| xx 105            | 160      | 320       | <1  | <.02 | 70  | 500  | 1   | 20 | 100 | 100 | N   | 1000 | N  | 10  | 50  | 15  | 20 | 100  | 150 | 20 | N    | 150 | 1.5 | 5   | .7  | .5 |         |
| xx 106            | 162      | 322       | N   | <.02 | 100 | 700  | 1   | 15 | 150 | 70  | <20 | 700  | N  | 10  | 50  | 30  | 20 | 200  | 100 | 20 | N    | 150 | 2   | 3   | 1.5 | .7 |         |
| xx 107            | 161      | 321       | N   | <.02 | 50  | 500  | 1   | 15 | 100 | 70  | N   | 500  | N  | <10 | 30  | 20  | 15 | 100  | 70  | 15 | N    | 150 | 1.5 | 3   | 1.5 | .3 |         |
| xx 108            | 163      | 323       | .7  | <.02 | 100 | 1000 | 1   | 10 | 150 | 70  | <20 | 700  | N  | <10 | 30  | 15  | 15 | 70   | 100 | 20 | <200 | 150 | 1.5 | 3   | 1   | .3 |         |
| xx 109            | 165      | 326       | <.5 | <.02 | 100 | 700  | 1   | 15 | 150 | 70  | 20  | 300  | N  | <10 | 50  | 30  | 15 | 150  | 100 | 30 | <200 | 150 | 2   | 3   | 1.5 | .5 |         |
| xx 110            | 166      | 327       | .5  | <.02 | 100 | 700  | 1   | 15 | 100 | 50  | 20  | 200  | N  | <10 | 50  | 15  | 10 | 70   | 100 | 20 | <200 | 100 | 1.5 | 3   | 1   | .3 |         |
| xx 111            | 164      | 325       | N   | <.02 | 70  | 500  | 1   | 15 | 100 | 70  | N   | 200  | N  | <10 | 30  | 20  | 15 | 100  | 70  | 20 | N    | 100 | 1.5 | 3   | 1.5 | .3 |         |
| xx 112            | 623      | 67A-358   | .7  | <.02 | 50  | 500  | N   | 15 | 100 | 50  | N   | 150  | N  | <10 | 30  | 15  | 10 | 150  | 100 | 15 | N    | 100 | 1.5 | 3   | .7  | .3 |         |
| xx 113            | 619      | 352       | <.5 | <.02 | 70  | 1000 | <1  | 30 | 200 | 150 | N   | 700  | N  | 10  | 100 | 15  | 30 | 70   | 200 | 20 | <200 | 150 | 1.5 | 7   | 1   | .7 |         |
| xx 114            | 620      | 353       | N   | <.02 | 15  | 1000 | <1  | 10 | 20  | 15  | <20 | 700  | N  | <10 | 5   | 15  | 15 | 700  | 70  | 20 | N    | 150 | 1.5 | 5   | .7  | .5 |         |
| xx 115            | 621      | 354       | N   | <.02 | 10  | 700  | 1   | 10 | 15  | 30  | N   | 700  | N  | <10 | 3   | 15  | 10 | 700  | 70  | 15 | N    | 150 | 1   | 3   | .7  | .3 |         |
| xx 116            | 622      | 355       | <.5 | <.02 | 30  | 700  | <1  | 15 | 150 | 70  | <20 | 700  | N  | <10 | 30  | 15  | 15 | 300  | 100 | 15 | N    | 150 | 1   | 3   | .7  | .3 |         |
| xx 117            | 625      | 358       | N   | <.02 | 50  | 700  | <1  | 15 | 100 | 30  | N   | 200  | N  | N   | 30  | 10  | 10 | 150  | 100 | 15 | N    | 100 | 1.5 | 3   | .7  | .3 |         |
| xx 118            | 624      | 357       | N   | <.02 | 50  | 1000 | 1   | 15 | 70  | 70  | 20  | 700  | N  | 10  | 30  | 30  | 15 | 500  | 100 | 30 | N    | 150 | 1.5 | 5   | 1.5 | .7 |         |
| xx 119            | 627      | 360       | N   | <.02 | 100 | 100  | <1  | 20 | 150 | 70  | <20 | 700  | N  | <10 | 50  | 15  | 15 | 200  | 150 | 20 | N    | 150 | 1.5 | 5   | 1   | .5 |         |
| xx 120            | 626      | 359       | N   | <.02 | 100 | 700  | <1  | 20 | 150 | 70  | N   | 300  | N  | <10 | 50  | 30  | 15 | 200  | 150 | 15 | N    | 150 | 2   | 5   | 1.5 | .5 |         |
| xx 121            | 628      | 361       | N   | <.02 | 100 | 700  | 1   | 20 | 150 | 70  | <20 | 700  | N  |     |     |     |    |      |     |    |      |     |     |     |     |    |         |

| Sample No.        | Lab. No. | Field No. | Ag  | Au   | B   | Ba   | Be  | Co  | Cr  | Cu  | La  | Mn   | Mo  | Nb  | Ni | Pb  | Sc | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe  | Mg  | Ti  | Remarks |
|-------------------|----------|-----------|-----|------|-----|------|-----|-----|-----|-----|-----|------|-----|-----|----|-----|----|------|-----|----|------|-----|-----|-----|-----|-----|---------|
| parts per million |          |           |     |      |     |      |     |     |     |     |     |      |     |     |    |     |    |      |     |    |      |     |     |     |     |     |         |
| percent           |          |           |     |      |     |      |     |     |     |     |     |      |     |     |    |     |    |      |     |    |      |     |     |     |     |     |         |
| † 141             | ACJ 047  | 67AR387   | N   | <.02 | —   | 700  | N   | 15  | 100 | 50  | N   | 200  | N   | <10 | 70 | 15  | —  | 1000 | 150 | 20 | N    | 100 | 10  | 3   | 2   | .5  |         |
| † 142             | 079      | 385       | N   | <.02 | —   | 700  | 1   | 15  | 100 | 50  | N   | 200  | N   | N   | 50 | 15  | —  | 1000 | 150 | 20 | N    | 70  | 10  | 2   | 2   | .5  |         |
| † 143             | 078      | 384       | N   | <.02 | —   | 500  | N   | 10  | 100 | 50  | N   | 150  | N   | N   | 30 | 10  | —  | 700  | 100 | 15 | N    | 70  | 10  | 2   | 1   | .5  |         |
| † 144             | 077      | 383       | N   | <.02 | —   | 700  | N   | 10  | 100 | 50  | N   | 200  | N   | N   | 50 | 15  | —  | 1000 | 150 | 15 | N    | 50  | 5   | 2   | 2   | .3  |         |
| † 145             | 046      | 382       | N   | <.02 | —   | 700  |     | 10  | 100 | 50  | N   | 200  | N   | <10 | 70 | 10  | —  | 1000 | 150 | 15 | N    | 100 | 10  | 2   | 2   | .3  |         |
| † 146             | 045      | 381       | N   | <.02 | —   | 500  | N   | 10  | 100 | 100 | N   | 200  | N   | N   | 70 | 10  | —  | 1500 | 150 | 15 | N    | 100 | M   | 3   | 1.5 | .3  |         |
| † 147             | 044      | 380       | N   | <.02 | —   | 500  | N   | 10  | 100 | 70  | N   | 200  | N   | N   | 50 | 10  | —  | 1500 | 100 | 15 | N    | 100 | M   | 2   | 1.5 | .3  |         |
| † 148             | 043      | 379       | N   | <.02 | —   | 700  | N   | 10  | 100 | 70  | N   | 200  | N   | N   | 50 | 10  | —  | 1500 | 150 | 15 | N    | 100 | 10  | 2   | 2   | .3  |         |
| † 149             | 042      | 378       | N   | <.02 | —   | 500  | N   | 10  | 100 | 70  | N   | 200  | N   | N   | 50 | 10  | —  | 1500 | 100 | 15 | N    | 70  | M   | 2   | 2   | .3  |         |
| xx 150            | ACG 744  | 67AMa 146 | <.5 | <.02 | 50  | 300  | <1  | 20  | 200 | 30  | <20 | 500  | N   | <10 | 30 | 30  | 10 | 1500 | 70  | 15 | N    | 70  | 5   | 5   | 2   | .3  |         |
| xx 151            | 743      | 145       | .7  | <.02 | 70  | 500  | 1   | 20  | 150 | 50  | 30  | 700  | N   | <10 | 30 | 30  | 15 | 300  | 100 | 15 | N    | 150 | 5   | 5   | 1.5 | .5  |         |
| † 152             | 541      | 67AE-172  | 3   | .04  | 30  | 500  | 1   | 15  | 50  | 100 | 30  | 700  | N   | <10 | 70 | 150 | —  | 300  | 100 | 20 | 300  | 150 | 1.5 | 3   | 1.5 | .2  |         |
| † 153             | 542      | 174       | N   | <.02 | 70  | 500  | 1   | 15  | 70  | 70  | N   | 500  | N   | <10 | 70 | 20  | —  | 500  | 100 | 15 | N    | 150 | 3   | 3   | 1.5 | .2  |         |
| xx 154            | 740      | 67AMa 142 | .7  | <.02 | 70  | 500  | 1   | 20  | 150 | 50  | 20  | 500  | N   | <10 | 50 | 100 | 15 | 700  | 100 | 20 | N    | 150 | 3   | 5   | 1.5 | .5  |         |
| xx 155            | 741      | 143       | 1.0 | <.02 | 50  | 500  | 1   | 20  | 150 | 50  | 20  | 700  | N   | <10 | 50 | 50  | 15 | 500  | 100 | 15 | N    | 150 | 3   | 7   | 1.5 | .5  |         |
| † 156             | 543      | 67AE-175  | N   | <.02 | 70  | 300  | N   | 15  | 70  | 70  | N   | 500  | N   | <10 | 70 | 15  | —  | 300  | 100 | 15 | N    | 150 | 7   | 2   | 1.5 | .3  |         |
| † 157             | 544      | 176       | N   | <.02 | 30  | 500  | N   | 15  | 70  | 70  | N   | 500  | N   | <10 | 70 | 50  | —  | 700  | 100 | 15 | N    | 150 | 5   | 3   | 1.5 | .3  |         |
| † 158             | 545      | 177       | N   | <.02 | 30  | 500  | 1   | 15  | 70  | 50  | 30  | 500  | N   | <10 | 70 | 15  | —  | 500  | 150 | 20 | N    | 150 | 5   | 3   | 1   | .3  |         |
| † 159             | 546      | 178       | N   | <.02 | 50  | 500  | 1   | 15  | 70  | 50  | 30  | 300  | N   | <10 | 50 | 15  | —  | 150  | 100 | 20 | N    | 150 | 3   | 1.5 | .7  | .2  |         |
| xx 160            | 742      | 67AMa 144 | <.5 | <.02 | 70  | 500  | 1   | 15  | 100 | 30  | 20  | 700  | N   | <10 | 30 | 50  | 10 | 500  | 70  | 15 | N    | 150 | 5   | 5   | 1.5 | .3  |         |
| xx 161            | 739      | 141       | N   | <.02 | 50  | 1500 | 2   | 20  | 70  | 30  | 50  | 700  | N   | 15  | 30 | 30  | 15 | 300  | 100 | 30 | <200 | 200 | 1.5 | 7   | 1   | .7  |         |
| xx 162            | 738      | 140       | N   | <.02 | 50  | 500  | 1   | 15  | 100 | 30  | 20  | 300  | N   | <10 | 30 | 30  | 15 | 700  | 70  | 15 | N    | 100 | 7   | 5   | 1   | .3  |         |
| xx 163            | 737      | 139       | .5  | <.02 | 100 | 500  | 1   | 20  | 150 | 50  | 30  | 700  | N   | 10  | 50 | 20  | 15 | 300  | 100 | 30 | N    | 150 | 2   | 7   | 1.5 | .5  | As 200  |
| xx 164            | 736      | 138       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 30  | 20  | 300  | <.5 | 10  | 50 | 20  | 15 | 500  | 100 | 15 | N    | 150 | 5   | 5   | 1.5 | .3  |         |
| † 165             | 769      | 219       | N   | <.02 | 50  | 500  | N   | 15  | 70  | 70  | N   | 700  | N   | 10  | 70 | 15  | —  | 500  | 100 | 30 | N    | 150 | >10 | 2   | .7  | .3  |         |
| † 166             | 822      | 220       | N   | <.02 | 50  | 500  | N   | 15  | 70  | 70  | N   | 700  | N   | <10 | 70 | 15  | —  | 700  | 150 | 30 | N    | 150 | >10 | 3   | .7  | .3  |         |
| † 167             | 823      | 221       | N   | <.02 | 70  | 500  | 1.5 | 15  | 70  | 70  | 30  | 700  | N   | 10  | 70 | 15  | —  | 150  | 150 | 30 | N    | 200 | 3   | 3   | .7  | .3  |         |
| † 168             | 824      | 222       | N   | <.02 | 50  | 500  | 1.5 | 15  | 70  | 30  | 30  | 700  | N   | 10  | 70 | 15  | —  | 150  | 100 | 30 | N    | 200 | .7  | 3   | .7  | .3  |         |
| † 169             | 825      | 223       | N   | <.02 | 70  | 700  | 1.5 | 15  | 70  | 50  | 30  | 700  | N   | 10  | 70 | 20  | —  | 500  | 150 | 30 | N    | 150 | 7   | 3   | 3   | .2  |         |
| † 170             | 826      | 224       | N   | <.02 | 70  | 500  | 1.5 | 15  | 70  | 30  | 30  | 700  | N   | 10  | 70 | 15  | —  | 500  | 100 | 20 | N    | 150 | 5   | 3   | 1.5 | .3  |         |
| xx 171            | 735      | 137       | N   | <.02 | 70  | 500  | 1   | 20  | 150 | 50  | 30  | 500  | N   | 10  | 50 | 30  | 15 | 300  | 70  | 20 | N    | 150 | 1.5 | 5   | 1.5 | .5  |         |
| xx 172            | 734      | 136       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 30  | 30  | 300  | N   | 10  | 50 | 20  | 15 | 300  | 100 | 20 | N    | 150 | 2   | 5   | 1.5 | .5  |         |
| † 173             | 828      | 226       | N   | <.02 | 70  | 500  | 1.5 | 15  | 70  | 50  | 30  | 700  | N   | <10 | 70 | 15  | —  | 300  | 100 | 20 | N    | 150 | 3   | 3   | 1.5 | .3  |         |
| x 174             | 102      | 67AE-02   | N   | <.02 | 50  | 700  | N   | 10  | 100 | 20  | N   | 200  | N   | <20 | 30 | N   | 15 | 500  | 70  | 10 | N    | 150 | 7   | 3   | 1   | .3  |         |
| † 175             | 650      | 67AR 278  | N   | <.02 | 30  | 700  | N   | 15  | 70  | 70  | 30  | 500  | N   | 10  | 70 | 15  | —  | 200  | 70  | 15 | N    | 150 | 3   | 3   | 2   | .2  |         |
| † 176             | 651      | 279       | N   | <.02 | 30  | 500  | 1.5 | 15  | 70  | 70  | 30  | 300  | N   | 10  | 70 | 15  | —  | 150  | 70  | 20 | N    | 150 | 1   | 3   | 3   | .3  |         |
| † 177             | 652      | 280       | N   | <.02 | 30  | 700  | 1   | 15  | 100 | 70  | 30  | 500  | N   | <10 | 70 | 15  | —  | 300  | 100 | 20 | N    | 150 | 3   | 3   | 2   | .3  |         |
| † 178             | 653      | 281       | N   | <.02 | N   | 700  | N   | 7   | 30  | 30  | 30  | 700  | N   | N   | 15 | 15  | —  | 200  | 70  | 30 | N    | 150 | .7  | 3   | .7  | .2  |         |
| † 179             | 654      | 288       | N   | <.02 | 30  | 700  | N   | 10  | 30  | 20  | 30  | 700  | N   | N   | 15 | 15  | —  | 300  | 100 | 20 | N    | 150 | .5  | 3   | .7  | .2  |         |
| † 180             | 655      | 290       | N   | <.02 | 70  | 700  | N   | 15  | 30  | 30  | N   | 1000 | N   | N   | 15 | 15  | —  | 700  | 100 | 15 | N    | 150 | .5  | 2   | .7  | .3  |         |
| † 181             | 657      | 292       | 1   | <.02 | N   | 500  | 1.5 | 15  | 70  | 150 | 30  | 1500 | N   | N   | 50 | 200 | —  | 700  | 150 | 30 | 300  | 150 | 7   | 3   | 3   | .3  |         |
| † 182             | 658      | 293       | N   | <.02 | 30  | 700  | 1.5 | 15  | 70  | 70  | 30  | 1500 | N   | <10 | 50 | 200 | —  | 300  | 100 | 30 | 300  | 150 | 3   | 3   | 3   | .3  |         |
| † 183             | 656      | 291       | 1   | <.02 | N   | 500  | 1   | 15  | 70  | 150 | 30  | 1500 | N   | <10 | 50 | 300 | —  | 700  | 150 | 30 | 300  | 150 | 10  | 5   | 2   | .3  |         |
| x 184             | 112      | 67AE-12   | .7  | <.02 | 30  | 700  | N   | 15  | 100 | 30  | 20  | 700  | N   | <20 | 30 | 70  | 15 | 700  | 70  | 20 | 500  | 100 | 15  | 3   | 1.5 | .15 |         |
| x 185             | 111      | 11        | .7  | <.02 | 30  | 700  | N   | 15  | 100 | 30  | 30  | 700  | N   | <20 | 30 | 70  | 20 | 300  | 70  | 30 | 300  | 100 | 5   | 3   | 1.5 | .2  |         |
| x 186             | 013      | 67AR 19   | .7  | <.02 | 50  | 700  | 1   | 15  | 150 | 30  | 30  | 1000 | N   | N   | 30 | 150 | 20 | 700  | 70  | 15 | 700  | 150 | 15  | 5   | 2   | .3  |         |
| x 187             | 014      | 21        | N   | <.02 | 30  | 700  | N   | <10 | 150 | 20  | 30  | 700  | N   | N   | 30 | 50  | 15 | 1000 | 70  | 5  | 300  | 70  | >20 | 3   | 2   | .15 |         |
| xx 188            | ACJ 479  | 476       | <.5 | <.02 | 50  | 700  | <1  | 15  | 100 | 50  | N   | 500  | N   | <10 | 30 | 70  | 15 | 1000 | 70  | 15 | N    | 100 | 7   | 3   | 2   | .3  |         |
| x 189             | ACG 015  | 22        | .5  | <.02 | 100 | 700  | N   | 15  | 150 | 30  | 30  | 700  | N   | N   | 50 | 100 | 20 | 700  | 70  | 15 | 300  | 150 | 20  | 5   | 2   | .2  |         |
| x 190             | 113      | 67AE-13   | N   | <.02 | 50  | 700  | N   | 20  | 150 | 30  | 20  | 300  | N   | <20 | 50 | 20  | 15 | 700  | 100 | 30 | N    | 100 | 10  | 3   | 1   | .2  |         |
| x 191             | 114      | 14        | N   | <.02 | 30  | 700  | N   | 10  | 70  | 30  | N   | 150  | 15  | <20 | 30 | N   | 10 | 300  | 150 |    |      |     |     |     |     |     |         |



| Sample No.        | Lab. No. | Field No. | Ag   | Au   | B   | Ba   | Be  | Co | Cr  | Cu  | La  | Mn   | Mo  | Nb  | Ni | Pb  | Sc | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe  | Mg  | Ti | Remarks |  |
|-------------------|----------|-----------|------|------|-----|------|-----|----|-----|-----|-----|------|-----|-----|----|-----|----|------|-----|----|------|-----|-----|-----|-----|----|---------|--|
| parts per million |          |           |      |      |     |      |     |    |     |     |     |      |     |     |    |     |    |      |     |    |      |     |     |     |     |    |         |  |
| percent           |          |           |      |      |     |      |     |    |     |     |     |      |     |     |    |     |    |      |     |    |      |     |     |     |     |    |         |  |
| xx 211            | ACG733   | 67AM135   | N    | <.02 | 70  | 700  | 1   | 20 | 150 | 50  | 20  | 500  | N   | <10 | 50 | 20  | 15 | 500  | 100 | 15 | N    | 150 | 3   | 5   | 1.5 | .5 |         |  |
| xx 212            | ACJ605   | 67AB1335  | N    | <.02 | 100 | 700  | 1   | 15 | 150 | 70  | N   | 200  | N   | <10 | 70 | 30  | 15 | 200  | 150 | 15 | N    | 150 | 1.5 | 3   | 1   | .5 |         |  |
| xx 213            | 606      | 336       | 1    | <.02 | 150 | 1000 | 1   | 20 | 150 | 100 | N   | 200  | N   | <10 | 70 | 50  | 15 | 300  | 150 | 20 | <200 | 150 | 1.5 | 3   | 1.5 | .7 |         |  |
| xx 214            | 604      | 333       | N    | <.02 | 100 | 700  | <1  | 15 | 100 | 50  | N   | 150  | N   | N   | 50 | 20  | 10 | 150  | 100 | 15 | N    | 150 | 2   | 2   | .7  | .3 |         |  |
| xx 215            | 610      | 342       | N    | <.02 | 50  | 500  | <1  | 15 | 150 | 70  | N   | 150  | N   | <10 | 30 | 30  | 10 | 300  | 100 | 15 | N    | 150 | 1.5 | 2   | 1   | .5 |         |  |
| xx 216            | 607      | 338       | 7    | <.02 | 70  | 700  | <1  | 20 | 150 | 300 | N   | 300  | N   | <10 | 50 | 70  | 15 | 200  | 100 | 15 | <200 | 150 | 1.5 | 3   | 1.5 | .5 |         |  |
| xx 217            | 608      | 339       | 3    | <.02 | 70  | 700  | 1   | 15 | 150 | 100 | N   | 500  | N   | N   | 50 | 100 | 15 | 150  | 100 | 15 | 300  | 150 | 1.5 | 3   | 1   | .5 |         |  |
| xx 218            | 609      | 341       | 1.5  | <.02 | 30  | 500  | <1  | 15 | 100 | 70  | N   | 300  | N   | <10 | 30 | 70  | 10 | 200  | 100 | 15 | <200 | 150 | 1.5 | 2   | 1   | .3 |         |  |
| xx 219            | 611      | 343       | <.5  | <.02 | 30  | 300  | <1  | 10 | 70  | 50  | N   | 200  | N   | N   | 30 | 30  | 7  | 150  | 70  | 15 | <200 | 100 | 1.5 | 2   | .7  | .3 |         |  |
| xx 220            | 143      | 67AE-300  | 10.0 | <.02 | 70  | 700  | <1  | 15 | 100 | 70  | N   | 200  | N   | <10 | 30 | 50  | 15 | 200  | 100 | 15 | <200 | 100 | 1.5 | 3   | 1.5 | .3 |         |  |
| xx 221            | 138      | 295       | 3    | <.02 | 100 | 1000 | <1  | 30 | 200 | 300 | <20 | 1000 | N   | <10 | 70 | 500 | 20 | 700  | 150 | 30 | 500  | 150 | 2   | 10  | 3   | .7 |         |  |
| xx 222            | 139      | 296       | 3    | <.02 | 50  | 700  | <1  | 20 | 100 | 500 | N   | 700  | N   | <10 | 50 | 300 | 15 | 300  | 100 | 15 | 500  | 100 | 1.5 | 7   | 2   | .5 |         |  |
| xx 223            | 140      | 297       | 1.5  | <.02 | 70  | 700  | <1  | 20 | 150 | 150 | 50  | 700  | N   | <10 | 50 | 100 | 15 | 300  | 150 | 30 | 200  | 150 | 2   | 7   | 2   | .7 |         |  |
| xx 224            | 137      | 294       | 2    | <.02 | 100 | 1000 | 1   | 20 | 150 | 100 | <20 | 700  | N   | 10  | 50 | 200 | 15 | 1000 | 100 | 30 | 300  | 150 | 3   | 7   | 3   | .7 |         |  |
| xx 225            | 141      | 298       | 1.5  | <.02 | 70  | 700  | 1   | 20 | 150 | 200 | N   | 700  | N   | <10 | 50 | 100 | 15 | 700  | 100 | 20 | 300  | 100 | 3   | 5   | 2   | .3 |         |  |
| xx 226            | 142      | 299       | .5   | <.02 | 70  | 500  | 1   | 15 | 150 | 150 | <20 | 700  | N   | <10 | 30 | 70  | 15 | 500  | 70  | 15 | <200 | 150 | 2   | 3   | 1.5 | .3 |         |  |
| xx 227            | 144      | 301       | .5   | <.02 | 70  | 700  | <1  | 15 | 150 | 70  | N   | 700  | N   | <10 | 50 | 70  | 15 | 700  | 100 | 15 | <200 | 150 | 3   | 5   | 1.5 | .3 |         |  |
| xx 228            | 145      | 302       | .7   | <.02 | 70  | 500  | 1   | 15 | 150 | 70  | N   | 500  | N   | <10 | 30 | 50  | 15 | 200  | 100 | 15 | N    | 150 | 1.5 | 2   | 1.5 | .3 |         |  |
| xx 229            | 146      | 303       | <.5  | <.02 | 50  | 500  | <1  | 15 | 150 | 30  | N   | 150  | N   | N   | 30 | 20  | 10 | 300  | 70  | 10 | N    | 100 | 1.5 | 1.5 | 1   | .3 |         |  |
| xx 230            | 151      | 308       | .7   | <.02 | 50  | 700  | 1   | 10 | 100 | 70  | N   | 500  | N   | <10 | 30 | 50  | 15 | 500  | 70  | 15 | <200 | 100 | 2   | 3   | 1.5 | .3 |         |  |
| xx 231            | 613      | 67AB1345  | <.5  | <.02 | 100 | 700  | 1   | 15 | 150 | 70  | N   | 300  | N   | <10 | 50 | 15  | 15 | 100  | 150 | 15 | <200 | 150 | 1.5 | 3   | .7  | .5 |         |  |
| xx 232            | 612      | 344       | <.5  | <.02 | 150 | 1000 | 1   | 15 | 150 | 70  | <20 | 150  | N   | 10  | 70 | 10  | 15 | 70   | 200 | 20 | 200  | 150 | 1   | 5   | .7  | .5 |         |  |
| xx 233            | 614      | 346       | .5   | <.02 | 150 | 1000 | 1   | 15 | 150 | 100 | <20 | 200  | N   | <10 | 70 | 20  | 15 | 100  | 150 | 20 | <200 | 150 | 1.5 | 3   | .7  | .5 |         |  |
| xx 234            | 148      | 67AE-305  | .5   | <.02 | 150 | 1000 | 1.5 | 15 | 150 | 50  | N   | 300  | N   | <10 | 50 | 20  | 15 | 100  | 100 | 15 | <200 | 150 | 1.5 | 3   | 1   | .3 |         |  |
| xx 235            | 615      | 67AB1347  | N    | <.02 | 50  | 700  | <1  | 15 | 150 | 30  | N   | 300  | N   | <10 | 70 | 15  | 15 | 500  | 100 | 15 | N    | 150 | 1.5 | 3   | .7  | .5 |         |  |
| xx 236            | 616      | 348       | .5   | <.02 | 100 | 1000 | 1   | 15 | 150 | 70  | <20 | 300  | N   | <10 | 70 | 20  | 15 | 100  | 150 | 20 | <200 | 200 | 1.5 | 3   | 1   | .5 |         |  |
| xx 237            | 617      | 349       | 2    | <.02 | 100 | 700  | 1   | 20 | 200 | 100 | N   | 300  | N   | <10 | 70 | 70  | 15 | 500  | 150 | 20 | N    | 150 | 1.5 | 5   | 1   | .5 |         |  |
| xx 238            | 149      | 67AE-306  | 1    | <.02 | 150 | 700  | 1   | 15 | 300 | 70  | 20  | 500  | N   | <10 | 70 | 30  | 20 | 700  | 100 | 20 | N    | 150 | 2   | 5   | 1.5 | .5 |         |  |
| xx 239            | 618      | 67AB1350  | 3    | <.02 | 100 | 1000 | 1   | 15 | 150 | 70  | N   | 300  | N   | <10 | 70 | 15  | 15 | 200  | 200 | 20 | <200 | 150 | 1.5 | 3   | .7  | .5 |         |  |
| xx 240            | 150      | 67AE-307  | .7   | <.02 | 100 | 1000 | 1   | 15 | 150 | 70  | N   | 300  | N   | <10 | 30 | 30  | 15 | 200  | 100 | 15 | N    | 150 | 1.5 | 3   | 1   | .3 |         |  |
| xx 241            | 152      | 309       | <.5  | <.02 | 150 | 700  | 1.5 | 15 | 150 | 70  | N   | 300  | N   | <10 | 50 | 30  | 15 | 1000 | 100 | 20 | N    | 100 | 3   | 3   | 1.5 | .3 |         |  |
| xx 242            | 515      | 67AM-406  | N    | <.02 | 150 | 700  | <1  | 20 | 200 | 70  | N   | 500  | N   | <10 | 70 | 15  | 15 | 1000 | 150 | 30 | <200 | 150 | 5   | 5   | 2   | .5 |         |  |
| xx 243            | 154      | 67AE-311  | 1.5  | <.02 | 100 | 700  | 1   | 15 | 150 | 100 | N   | 700  | N   | <10 | 50 | 50  | 15 | 500  | 100 | 20 | <200 | 100 | 3   | 3   | 1.5 | .3 |         |  |
| xx 244            | 514      | 67AM-405  | .7   | <.02 | 70  | 700  | <1  | 15 | 150 | 70  | N   | 700  | N   | <10 | 30 | 70  | 15 | 700  | 100 | 20 | N    | 100 | 3   | 3   | 1.5 | .3 |         |  |
| xx 245            | 603      | 67AB1331  | 3    | <.1  | 50  | 500  | 1   | 15 | 70  | 100 | <20 | 700  | N   | <10 | 30 | 300 | 10 | 70   | 100 | 15 | 500  | 150 | .2  | 2   | 1   | .5 |         |  |
| xx 246            | 478      | 67AR471   | 1    | <.02 | 50  | 500  | 1   | 15 | 100 | 50  | N   | 500  | N   | <10 | 30 | 70  | 10 | 200  | 70  | 15 | <200 | 150 | 1.5 | 3   | 1.5 | .3 |         |  |
| xx 247            | 602      | 67AB1330  | .7   | <.02 | 70  | 700  | 1   | 15 | 70  | 50  | <20 | 500  | N   | <10 | 30 | 70  | 10 | 150  | 100 | 15 | <200 | 150 | 1.5 | 2   | 1.5 | .3 |         |  |
| xx 248            | 601      | 329       | 1    | .06  | 30  | 500  | <1  | 10 | 150 | 100 | N   | 500  | N   | N   | 30 | 100 | 7  | 700  | 70  | 15 | <200 | 70  | 3   | 3   | 1.5 | .3 |         |  |
| xx 249            | 511      | 67AM-402  | 1.5  | <.02 | 70  | 700  | <1  | 20 | 150 | 70  | N   | 700  | N   | <10 | 50 | 100 | 15 | 1000 | 100 | 15 | <200 | 100 | 5   | 5   | 2   | .3 |         |  |
| xx 250            | 153      | 67AE-310  | .7   | <.02 | 50  | 700  | <1  | 10 | 100 | 70  | N   | 700  | N   | <10 | 30 | 70  | 15 | 700  | 100 | 15 | <200 | 100 | 5   | 3   | 1.5 | .3 |         |  |
| xx 251            | 512      | 67AM-403  | .7   | <.02 | 50  | 700  | <1  | 15 | 150 | 70  | N   | 700  | N   | <10 | 30 | 70  | 10 | 1000 | 150 | 15 | N    | 100 | 5   | 3   | 1.5 | .3 |         |  |
| xx 252            | 155      | 67AE-312  | N    | <.02 | 150 | 700  | <1  | 15 | 150 | 70  | N   | 300  | N   | <10 | 50 | 30  | 15 | 200  | 100 | 15 | N    | 100 | 1.5 | 3   | 1   | .3 |         |  |
| xx 253            | 157      | 314       | N    | <.02 | 70  | 700  | 1   | 15 | 150 | 70  | <20 | 300  | N   | <10 | 50 | 50  | 15 | 200  | 100 | 20 | N    | 150 | 1.5 | 3   | 1.5 | .5 |         |  |
| xx 254            | 156      | 313       | <.5  | <.02 | 70  | 700  | <1  | 15 | 100 | 70  | N   | 200  | N   | <10 | 30 | 30  | 15 | 200  | 100 | 15 | N    | 100 | 1.5 | 3   | 1   | .3 |         |  |
| xx 255            | ACG394   | 67AM-96   | .5   | <.02 | 70  | 700  | 1   | 15 | 150 | 50  | N   | 700  | N   | <10 | 70 | 30  | 15 | 700  | 100 | 20 | <200 | 150 | 5   | 5   | 1.5 | .5 |         |  |
| xx 256            | 732      | 134       | N    | <.02 | 70  | 1000 | 1   | 20 | 150 | 70  | 30  | 300  | <.5 | 10  | 50 | 30  | 15 | 300  | 150 | 15 | <200 | 150 | 2   | 7   | 1.5 | .3 |         |  |
| † 257             | 556      | 67AE-186  | N    | <.02 | -   | 1000 | 1   | 15 | 30  | 150 | 30  | 700  | N   | <10 | 15 | 150 | -  | 700  | 150 | 20 | 500  | 100 | 3   | 3   | 1.5 | .3 |         |  |
| † 258             | ACJ445   | 67AR477   | <1   | <.02 | -   | 1000 | 1   | 15 | 30  | 150 | N   | 1000 | N   | N   | 10 | 200 | -  | 700  | 150 | 20 | 700  | 70  | 3   | 3   | 2   | .5 |         |  |
| † 259             | 446      | 479       | <1   | <.02 | -   | 1000 | 1   | 15 | 30  | 150 | N   | 1000 | N   | <10 | 7  | 150 | -  | 700  | 150 | 20 | 300  | 70  | 3   | 3   | 2   | .3 |         |  |
| † 260             | ACG555   | 67AE-185  | N    | <.02 | -   | 1000 | 1   | 15 | 30  | 70  | 30  | 1000 | N   | 10  | 15 | 100 | -  | 700  | 150 | 30 | N    | 150 | 1   | 3   | 1.5 | .3 |         |  |
| † 261             | ACJ449   | 67AR481   | <1   | <.02 | -   | 1000 | 1   | 15 | 30  | 100 | N   | 1000 | N   | <10 | 7  | 150 | -  | 700  | 150 | 20 | 300  | 100 | 3   | 3   | 2   | .5 |         |  |
| † 262             | ACG557   | 67AE-192  | <1   | <.02 | -   | 700  | 1   | 15 | 30  | 70  | N   | 700  | N   | <10 | 10 | 200 | -  | 700  | 100 | 30 | 500  | 150 | 3   | 3   | 1   | .3 |         |  |
| † 263             | ACJ450   | 67AR482   | N    | <.02 | -   | 700  | 1   | 15 | 30  | 70  | N   | 1000 | N   | <10 | 10 | 100 | -  | 700  | 150 | 20 | 300  | 100 | 3   | 3   | 2   | .5 |         |  |
| † 264             | 451      | 483       | N    | <.02 | -   | 1000 | 1   | 15 | 30  | 70  | 30  | 1000 | N   | 10  | 20 | 70  | -  | 700  | 150 | 30 | 300  | 100 | 3   | 3   | 2   | .5 |         |  |
| † 265             | ACG558   | 67AE-193  | 1    | <.02 | -   | 1500 | N   | 15 | 15  | 150 | 30  | 700  | N   | <10 | 10 | 100 | -  | 1000 | 150 | 30 | 500  | 150 | 3   | 3   | 2   | .3 |         |  |
| † 266             | 559      | 194       | N    | <.02 | -   | 700  | 1   | 15 | 70  | 50  | 30  | 700  | N   | <10 | 30 | 50  | -  | 700  | 150 | 30 |      |     |     |     |     |    |         |  |

Sample Lab. Field No. No. No. <sup>1/</sup> Ag Au B Ba Be Co Cr Cu La Mn Mo Nb Ni Pb Sc Sr V Y Zn Zr Ca Fe Mg Ti Remarks

|        |        |           |     |      |     |      |     |    |     | parts per million |    |      |     |     |     |    |     |      |     | percent |      |     |     | Remarks |     |    |  |
|--------|--------|-----------|-----|------|-----|------|-----|----|-----|-------------------|----|------|-----|-----|-----|----|-----|------|-----|---------|------|-----|-----|---------|-----|----|--|
|        |        |           |     |      |     |      |     |    |     |                   |    |      |     |     |     |    |     |      |     |         |      |     |     |         |     |    |  |
| † 491  | ACG958 | 67ABu/187 | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | 30 | 700  | 7   | <10 | 50  | 20 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 492  | 940    | 167       | N   | <.02 | -   | 1500 | 2   | 15 | 70  | 70                | 30 | 500  | 7   | <10 | 50  | 30 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| xx 493 | 772    | 67AMu/171 | N   | <.02 | 100 | 1000 | 1   | 15 | 150 | 50                | 20 | 500  | 7   | <10 | 50  | 30 | 15  | 300  | 150 | 20      | N    | 150 | 1.5 | 5       | 1.5 | .5 |  |
| † 494  | 725    | 67ABu/152 | N   | <.1  | -   | 700  | 2   | 15 | 100 | 70                | 30 | 700  | N   | <10 | 30  | 20 | -   | 300  | 150 | 50      | N    | 150 | 3   | 3       | 3   | .3 |  |
| † 495  | 926    | 153       | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 30 | 500  | N   | <10 | 30  | 20 | -   | 300  | 150 | 50      | N    | 150 | 3   | 3       | 2   | .3 |  |
| † 496  | 927    | 154       | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 30 | 500  | N   | 10  | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 2   | .3 |  |
| † 497  | ACJ071 | 67AR347   | N   | <.02 | -   | 700  | 2   | 20 | 70  | 50                | 30 | 300  | N   | <10 | 50  | 15 | -   | 200  | 100 | 30      | N    | 100 | 3   | 3       | 1.5 | .5 |  |
| † 498  | ACG928 | 67ABu/155 | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 30 | 700  | N   | 10  | 30  | 20 | -   | 300  | 150 | 50      | N    | 150 | 3   | 3       | 2   | .3 |  |
| † 499  | 929    | 156       | N   | <.02 | -   | 3000 | 2   | 15 | 70  | 70                | 30 | 500  | 15  | <10 | 50  | 15 | -   | 200  | 200 | 30      | N    | 150 | 1.5 | 3       | 1.5 | .3 |  |
| † 500  | 930    | 157       | N   | <.02 | -   | 1500 | 2   | 15 | 70  | 70                | 30 | 500  | 7   | 10  | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 501  | 931    | 158       | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 50 | 500  | 7   | <10 | 50  | 20 | -   | 200  | 150 | 50      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 502  | 932    | 159       | N   | <.02 | -   | 1000 | 2   | 15 | 70  | 50                | 30 | 700  | 3   | <10 | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 503  | 933    | 160       | N   | <.02 | -   | 500  | 2   | 20 | 100 | 50                | N  | 500  | N   | <10 | 50  | 20 | -   | 150  | 150 | 30      | N    | 150 | 1.5 | 3       | 1.5 | .3 |  |
| † 504  | 934    | 161       | N   | <.02 | -   | 1500 | 2   | 15 | 70  | 70                | 30 | 700  | 15  | <10 | 70  | 20 | -   | 200  | 200 | 50      | N    | 100 | .7  | 3       | .7  | .3 |  |
| † 505  | 935    | 162       | N   | <.02 | -   | 1000 | 3   | 15 | 70  | 70                | N  | 700  | N   | <10 | 30  | 20 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 506  | 936    | 163       | N   | <.02 | -   | 1000 | 3   | 15 | 70  | 70                | N  | 1000 | N   | <10 | 50  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 2   | .3 |  |
| † 507  | 937    | 164       | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 30 | 500  | N   | <10 | 30  | 20 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 508  | 938    | 165       | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70                | 30 | 300  | 3   | <10 | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 509  | 939    | 166       | N   | <.02 | -   | 1000 | 2   | 15 | 70  | 50                | 30 | 500  | 3   | <10 | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 2   | .3 |  |
| xx 510 | 773    | 67AMu/172 | N   | <.02 | 100 | 1000 | 1   | 15 | 150 | 30                | 50 | 700  | N   | 10  | 50  | 20 | 15  | 300  | 150 | 30      | N    | 150 | 2   | 7       | 1.5 | .7 |  |
| xx 511 | 774    | 173       | N   | <.02 | 200 | 500  | 1   | 20 | 150 | 30                | 20 | 700  | N   | <10 | 50  | 30 | 20  | 300  | 150 | 20      | N    | 150 | 2   | 7       | 1.5 | .5 |  |
| † 512  | 941    | 67ABu/168 | N   | <.02 | -   | 700  | 2   | 15 | 70  | 50                | 30 | 500  | N   | <10 | 50  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 513  | 942    | 169       | N   | <.02 | -   | 1500 | 2   | 15 | 70  | 70                | N  | 500  | 7   | <10 | 30  | 30 | -   | 300  | 150 | 30      | N    | 150 | 3   | 2       | 1.5 | .3 |  |
| † 514  | 943    | 170       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | N  | 500  | 7   | N   | 50  | 30 | -   | 300  | 150 | 30      | N    | 150 | 3   | 2       | 1.5 | .3 |  |
| † 515  | 959    | 188       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | 30 | 500  | 7   | <10 | 30  | 20 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| xx 516 | 775    | 67AMu/174 | N   | <.02 | 150 | 1000 | 2   | 20 | 150 | 50                | 30 | 700  | N   | <10 | 50  | 30 | 20  | 300  | 100 | 30      | N    | 150 | 2   | 7       | 1.5 | .5 |  |
| † 517  | 960    | 67ABu/189 | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | 30 | 500  | 7   | 10  | 30  | 30 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 518  | 961    | 190       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 50                | 30 | 500  | 7   | <10 | 30  | 20 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 519  | 962    | 191       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 50                | 30 | 500  | 5   | <10 | 30  | 20 | -   | 200  | 150 | 30      | N    | 100 | 3   | 3       | 1.5 | .3 |  |
| † 520  | 963    | 192       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 50                | 30 | 500  | 5   | <10 | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 521  | 964    | 193       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | 30 | 500  | 7   | 10  | 30  | 20 | -   | 300  | 150 | 30      | N    | 150 | 3   | 3       | 1.5 | .3 |  |
| † 522  | 965    | 194       | N   | <.02 | -   | 1500 | 1   | 15 | 70  | 70                | N  | 500  | 5   | <10 | 30  | 30 | -   | 200  | 150 | 30      | N    | 100 | 3   | 3       | 1.5 | .3 |  |
| xx 523 | 776    | 67AMu/175 | N   | <.02 | 150 | 1500 | 1   | 15 | 150 | 30                | 20 | 700  | 5   | <10 | 50  | 20 | 15  | 300  | 150 | 30      | N    | 150 | 2   | 5       | 1.5 | .5 |  |
| xx 524 | 819    | 216       | N   | <.02 | 70  | 700  | 1.5 | 15 | 70  | 30                | 20 | 700  | N   | <10 | 30  | 15 | 15  | 200  | 70  | 15      | N    | 150 | 1.5 | 3       | 1   | .7 |  |
| † 525  | ACJ065 | 67AR340   | N   | <.02 | -   | 700  | 1.5 | 7  | 70  | 20                | N  | 300  | N   | <10 | 20  | 20 | -   | 1000 | 100 | 30      | N    | 100 | M   | 2       | 2   | .2 |  |
| xx 526 | ACB807 | 67AMu/205 | N   | <.02 | 100 | 700  | 1   | 7  | 50  | 30                | 30 | 700  | N   | <10 | 30  | 20 | 7   | 1000 | 70  | 20      | N    | 150 | 10  | 2       | 1.5 | .2 |  |
| xx 527 | 806    | 204       | N   | <.02 | 70  | 1500 | 1   | 20 | 100 | 50                | 20 | 500  | 15  | 10  | 100 | 30 | 15  | 500  | 150 | 20      | <200 | 150 | 3   | 5       | 1   | .5 |  |
| xx 528 | 808    | 206       | N   | <.02 | 70  | 2000 | 1.5 | 20 | 150 | 50                | 30 | 700  | 10  | 10  | 100 | 20 | 15  | 300  | 150 | 30      | N    | 150 | 2   | 7       | 1   | .5 |  |
| xx 529 | 809    | 207       | N   | <.02 | 50  | 700  | 2   | 20 | 100 | 70                | 30 | 700  | N   | <10 | 50  | 30 | 15  | 200  | 100 | 30      | N    | 150 | 1.5 | 5       | 1.5 | .5 |  |
| xx 530 | 811    | 208       | <.5 | <.02 | 150 | 2000 | 2   | 15 | 70  | 70                | 20 | 500  | 15  | <10 | 100 | 20 | 15  | 300  | 200 | 30      | <200 | 150 | 3   | 5       | 1   | .7 |  |
| xx 531 | 804    | 202       | N   | <.02 | 100 | 1000 | 1   | 10 | 100 | 30                | 20 | 700  | <.5 | <10 | 30  | 20 | 10  | 700  | 100 | 15      | N    | 100 | 7   | 3       | 1.5 | .5 |  |
| xx 532 | 803    | 201       | N   | <.02 | 15  | 700  | 2   | N  | 10  | 7                 | 50 | 500  | <.5 | 15  | 10  | 20 | <.5 | 70   | 20  | 30      | N    | 200 | 1   | 1.5     | .2  | .1 |  |
| xx 533 | 805    | 203       | N   | <.02 | 70  | -    | 1   | 15 | 100 | 30                | 30 | 700  | 5   | 10  | 70  | 30 | 15  | 300  | 100 | 30      | N    | 150 | 1.5 | 3       | 1.5 | .5 |  |
| † 534  | ACJ068 | 67AR342   | N   | <.02 | -   | 1000 | 1.5 | 20 | 150 | 70                | N  | 500  | N   | 10  | 50  | 15 | -   | 700  | 200 | 30      | N    | 100 | 5   | 5       | 2   | 1  |  |
| † 535  | 067    | 343       | N   | <.02 | -   | 1000 | 2   | 15 | 70  | 70                | N  | 200  | 5   | <10 | 70  | 15 | -   | 500  | 200 | 30      | N    | 100 | 2   | 3       | 1   | .5 |  |
| † 536  | 068    | 344       | N   | <.02 | -   | 2000 | 1.5 | 15 | 70  | 70                | N  | 200  | 5   | <10 | 70  | 15 | -   | 500  | 150 | 30      | N    | 100 | 2   | 2       | 1   | .5 |  |
| † 537  | 069    | 345       | N   | <.02 | -   | 1000 | 1.5 | 20 | 150 | 70                | N  | 300  | N   | <10 | 70  | 15 | -   | 500  | 150 | 30      | N    | 100 | 3   | 3       | 2   | .5 |  |
| xx 538 | ACG798 | 67AMu/198 | N   | <.02 | 70  | 1000 | 1   | 20 | 200 | 30                | 30 | 500  | N   | <10 | 70  | 15 | 15  | 300  | 100 | 20      | N    | 150 | 1.5 | 5       | 1.5 | .7 |  |
| xx 539 | 800    | 197       | N   | <.02 | 70  | 2000 | 1   | 20 | 150 | 50                | 50 | 500  | 7   | 10  | 70  | 15 | 15  | 300  | 100 | 30      | <200 | 150 | 1.5 | 5       | .7  | .5 |  |
| xx 540 | 801    | 199       | N   | <.02 | 70  | 3000 | 1.5 | 15 | 100 | 50                | 20 | 500  | 15  | <10 | 70  | 15 | 15  | 300  | 100 | 20      | <200 | 150 | 1.5 | 5       | .7  | .7 |  |
| † 541  | ACJ070 | 67AR346   | N   | <.02 | -   | 1500 | 1.5 | 15 | 70  | 50                | N  | 200  | 5   | <10 | 50  | 15 | -   | 200  | 150 | 30      | N    | 100 | 2   | 2       | 1   | .3 |  |
| xx 542 | ACG799 | 67AMu/196 | N   | <.02 | 70  | 2000 | 1   | 15 | 150 | 70                | 30 | 500  | 10  | <10 | 70  | 20 | 15  | 300  | 100 | 30      | N    | 150 | 3   | 3       | 2   | .5 |  |
| † 543  | 859    | 256       | N   | <.02 | -   | 700  | N   | 15 | 70  | 30                | N  | 300  | N   | N   | 20  | 15 | -   | 700  | 150 | 20      | N    | 100 | 7   | 2       | 1   | .2 |  |
| † 544  | 860    | 257       | N   | <.02 | -   | 700  | 1   | 15 | 70  | 70                | 30 | 300  | N   | <10 | 30  | 15 | -   | 200  | 150 | 30      | N    | 150 | 3   | 3       | 1   | .3 |  |
| † 545  | 861    | 258       | N   | <.02 | -   | 700  | N   | 15 | 70  | 50                | 30 | 300  | N   | N   | 30  | 15 | -   | 500  | 150 | 20      | N    | 100 | 5   | 2       | 1.5 | .2 |  |
| † 546  | 862    | 259       | N   | <.02 | -   | 2000 | 1   | 20 | 100 | 70                | 30 | 500  | 10  | <10 | 70  | 20 | -   | 200  | 200 | 30      | N    | 150 | .5  | 3       | .7  | .3 |  |
| xx 547 | 797    | 195       | N   | <.02 | 70  | 700  | 1   | 15 | 150 | 30                | 20 | 300  | N   | <10 | 30  | 20 | 10  | 700  | 70  | 15      | N    | 100 | 2   | 3       | 1.5 | .3 |  |
| xx 548 | 796    | 194       | N   | <.02 | 70  | 500  | 1   | 20 | 150 | 50                | 50 | 700  | N   | <10 | 50  | 20 | 15  | 300  | 100 | 30      | N    | 150 | 1.5 | 5       | 1.5 | .7 |  |
| xx 549 | 802    | 200       | N   | <.02 | 10  |      |     |    |     |                   |    |      |     |     |     |    |     |      |     |         |      |     |     |         |     |    |  |

Sample No. Lab. No. Field No. <sup>1/</sup> Ag Au B Ba Be Co Cr Cu La Mn Mo Nb Ni Pb Sc Sr V Y Zn Zr Ca Fe Mg Ti Remarks

| parts per million |        |          |     |      |     |      |     |    |     | percent |     |     |     |     |     |     |     |      |     |    |      |     |     | Remarks |     |     |  |
|-------------------|--------|----------|-----|------|-----|------|-----|----|-----|---------|-----|-----|-----|-----|-----|-----|-----|------|-----|----|------|-----|-----|---------|-----|-----|--|
|                   |        |          |     |      |     |      |     |    |     |         |     |     |     |     |     |     |     |      |     |    |      |     |     |         |     |     |  |
| † 281             | AC6019 | 67AR 27  | N   | .03  | 30  | <100 | N   | 20 | 700 | 30      | N   | 500 | N   | N   | 300 | N   | N   | 200  | 30  | N  | N    | N   | >20 | 1.5     | 10  | .03 |  |
| † 282             | 296    | 67ABu121 | N   | <.02 | -   | 500  | 1   | 15 | 70  | 70      | 30  | 300 | N   | <10 | 30  | 15  | -   | 150  | 150 | 30 | N    | 100 | 3   | 3       | 1.5 | .3  |  |
| † 283             | 297    | 122      | N   | <.02 | -   | 500  | 1   | 15 | 70  | 70      | N   | 300 | N   | <10 | 30  | 15  | -   | 150  | 150 | 30 | N    | 70  | 3   | 3       | 1.5 | .3  |  |
| † 284             | 298    | 123      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 70      | N   | 500 | N   | <10 | 30  | 15  | -   | 150  | 150 | 30 | N    | 70  | 3   | 3       | 1.5 | .3  |  |
| † 285             | 299    | 124      | N   | <.02 | -   | 500  | 1   | 15 | 70  | 70      | N   | 500 | N   | <10 | 30  | 15  | -   | 150  | 150 | 30 | N    | 70  | 3   | 3       | 1.5 | .3  |  |
| xx 286            | 754    | 67AMu156 | N   | <.02 | 100 | 500  | 1   | 20 | 100 | 50      | 30  | 700 | N   | <10 | 50  | 20  | 15  | 300  | 100 | 20 | N    | 150 | 1.5 | 5       | 1.5 | .5  |  |
| † 287             | 300    | 67ABu125 | N   | <.02 | -   | 700  | 1   | 15 | 70  | 70      | N   | 300 | N   | <10 | 30  | 15  | -   | 150  | 100 | 30 | N    | 70  | 3   | 2       | 1.5 | .3  |  |
| xx 288            | 753    | 67AMu155 | N   | <.02 | 100 | 700  | 1.5 | 20 | 100 | 30      | 30  | 700 | N   | <10 | 50  | 30  | 15  | 150  | 100 | 30 | N    | 150 | 1.5 | 5       | 1.5 | .5  |  |
| † 289             | 901    | 67ABu126 | N   | <.02 | -   | 700  | 1   | 15 | 100 | 70      | 30  | 700 | N   | <10 | 30  | 70  | -   | 300  | 150 | 30 | N    | 150 | 7   | 3       | 1.5 | .3  |  |
| xx 290            | 752    | 67AMu154 | N   | <.02 | 70  | 700  | 1   | 20 | 150 | 100     | 70  | 700 | N   | <10 | 30  | 70  | 15  | 300  | 70  | 30 | <200 | 100 | 2   | 7       | 1.5 | .3  |  |
| † 291             | 902    | 67ABu127 | N   | <.02 | -   | 500  | 1   | 15 | 70  | 70      | N   | 700 | N   | <10 | 50  | 15  | -   | 1000 | 150 | 30 | N    | 100 | 7   | 3       | 1.5 | .3  |  |
| xx 292            | 751    | 67AMu153 | N   | <.02 | 100 | 500  | 1   | 20 | 150 | 50      | 20  | 500 | N   | <10 | 50  | 30  | 15  | 700  | 100 | 15 | N    | 100 | 2   | 5       | 1.5 | .3  |  |
| † 293             | 903    | 67ABu128 | N   | <.02 | -   | 1    | 15  | 70 | 70  | N       | 500 | N   | <10 | 30  | 15  | -   | 200 | 150  | 30  | N  | 70   | 7   | 3   | 1.5     | .3  |     |  |
| xx 294            | 750    | 67AMu152 | N   | <.02 | 70  | 700  | 1   | 20 | 150 | 30      | 30  | 500 | N   | <10 | 50  | 30  | 15  | 500  | 100 | 30 | N    | 150 | 2   | 7       | 1.5 | .5  |  |
| xx 295            | 748    | 150      | <.5 | <.02 | 100 | 300  | 1   | 20 | 150 | 30      | 30  | 500 | N   | <10 | 50  | 30  | 10  | 500  | 100 | 20 | N    | 100 | 5   | 5       | 2   | .3  |  |
| xx 296            | 749    | 151      | .5  | <.02 | 50  | 700  | 1   | 15 | 100 | 30      | 20  | 700 | N   | <10 | 30  | 200 | 10  | 700  | 70  | 15 | N    | 100 | 3   | 5       | 1   | .3  |  |
| † 297             | 838    | 234      | N   | <.02 | -   | 700  | 2   | 15 | 70  | 70      | 30  | 700 | N   | <10 | 30  | 70  | -   | 200  | 150 | 30 | N    | 150 | 2   | 3       | 1   | .3  |  |
| † 298             | 837    | 233      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 50      | 30  | 700 | N   | <10 | 30  | 30  | -   | 200  | 150 | 30 | N    | 150 | 3   | 3       | 1   | .3  |  |
| † 299             | 864    | 261      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 50      | 30  | 500 | N   | <10 | 30  | 20  | -   | 300  | 150 | 30 | N    | 150 | 3   | 3       | 1.5 | .3  |  |
| † 300             | 865    | 262      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 50      | 30  | 300 | N   | <10 | 30  | 20  | -   | 300  | 150 | 30 | N    | 150 | 3   | 3       | 1   | .3  |  |
| † 301             | 866    | 263      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 50      | 30  | 300 | N   | <10 | 30  | 20  | -   | 300  | 150 | 30 | N    | 150 | 3   | 3       | 1.5 | .3  |  |
| † 302             | 867    | 264      | N   | <.02 | -   | 700  | 1   | 15 | 70  | 50      | 30  | 500 | N   | <10 | 30  | 15  | -   | 150  | 100 | 30 | N    | 150 | 3   | 3       | 1   | .3  |  |
| † 303             | 868    | 265      | N   | <.02 | -   | 700  | 1.5 | 20 | 100 | 50      | N   | 500 | N   | <10 | 70  | 20  | -   | 500  | 150 | 20 | N    | 200 | 5   | 3       | 2   | .5  |  |
| † 304             | 869    | 266      | N   | <.02 | -   | 700  | 2   | 20 | 100 | 50      | N   | 300 | N   | 10  | 70  | 20  | -   | 200  | 100 | 30 | N    | 200 | 2   | 3       | 1   | .5  |  |
| † 305             | 871    | 268      | N   | <.02 | -   | 700  | 1.5 | 20 | 100 | 50      | N   | 500 | N   | 10  | 70  | 20  | -   | 200  | 150 | 50 | N    | 200 | 3   | 3       | 1.5 | .5  |  |
| † 306             | 870    | 267      | N   | <.02 | -   | 700  | 1.5 | 15 | 70  | 50      | N   | 500 | N   | 10  | 70  | 20  | -   | 500  | 150 | 20 | N    | 150 | 5   | 2       | 1.5 | .3  |  |
| † 307             | 872    | 269      | <1  | <.02 | -   | 1000 | 1.5 | 20 | 100 | 50      | N   | 500 | N   | 10  | 70  | 30  | -   | 500  | 150 | 30 | N    | 200 | 5   | 3       | 2   | .5  |  |
| † 308             | 839    | 237      | N   | <.02 | -   | 700  | 2   | 15 | 70  | 50      | 30  | 500 | N   | <10 | 30  | 20  | -   | 300  | 150 | 30 | N    | 150 | 3   | 3       | 1   | .3  |  |
| † 309             | 840    | 238      | N   | <.02 | -   | 300  | N   | 15 | 70  | 70      | N   | 300 | N   | N   | 20  | 15  | -   | 700  | 150 | 20 | N    | 70  | 3   | 1.5     | 1   | .15 |  |
| † 310             | 841    | 239      | 1   | <.02 | -   | 700  | 1   | 15 | 70  | 70      | 30  | 700 | N   | <10 | 30  | 100 | -   | 200  | 150 | 30 | N    | 150 | 3   | 3       | 1.5 | .3  |  |
| † 311             | 842    | 240      | N   | <.02 | -   | 500  | N   | 10 | 70  | 50      | N   | 300 | N   | N   | 30  | 15  | -   | 700  | 150 | 20 | N    | 70  | 5   | 2       | 1   | .2  |  |
| † 312             | 843    | 241      | N   | <.02 | -   | 500  | 1   | 15 | 70  | 50      | N   | 500 | N   | <10 | 30  | 15  | -   | 500  | 150 | 30 | N    | 100 | 3   | 2       | 1   | .3  |  |
| † 313             | 844    | 242      | N   | <.02 | -   | 700  | N   | 15 | 70  | 50      | N   | 300 | N   | N   | 20  | 15  | -   | 1000 | 150 | 20 | N    | 70  | 7   | 2       | 1.5 | .2  |  |
| † 314             | ACJ063 | 67AR337  | N   | <.02 | -   | 700  | 2   | 30 | 100 | 70      | 50  | 500 | N   | <10 | 70  | 20  | -   | 200  | 150 | 50 | N    | 200 | 3   | 5       | .7  | .5  |  |
| † 315             | 064    | 338      | N   | <.02 | -   | 700  | 2   | 20 | 100 | 50      | 30  | 300 | N   | <10 | 50  | 20  | -   | 200  | 100 | 30 | N    | 200 | 2   | 3       | 1   | .5  |  |
| † 316             | AC6845 | 67AMu23  | N   | <.02 | -   | 700  | 2   | 15 | 70  | 50      | 30  | 500 | N   | 10  | 30  | 20  | -   | 150  | 100 | 30 | N    | 150 | 3   | 3       | 1.5 | .3  |  |
| † 317             | 846    | 244      | N   | <.02 | -   | 700  | 1   | 15 | 30  | 20      | N   | 500 | N   | <10 | 15  | 15  | -   | 700  | 100 | 20 | N    | 150 | 7   | 3       | 1   | .3  |  |
| † 318             | 847    | 245      | N   | <.02 | -   | 700  | 1   | 15 | 50  | 30      | 30  | 500 | N   | <10 | 15  | 20  | -   | 700  | 70  | 20 | N    | 70  | 5   | 2       | .7  | .2  |  |
| † 319             | 848    | 246      | N   | <.02 | -   | 700  | 1   | 15 | 50  | 30      | N   | 500 | N   | <10 | 20  | 15  | -   | 700  | 70  | 30 | N    | 100 | 7   | 2       | 1.5 | .3  |  |
| xx 320            | 755    | 157      | .7  | <.02 | 70  | 500  | 1   | 20 | 100 | 30      | 30  | 700 | N   | <10 | 30  | 50  | 15  | 500  | 70  | 20 | <200 | 100 | 2   | 5       | 1.5 | .3  |  |
| † 321             | ACJ059 | 67AR305  | 1.0 | <.02 | -   | 1000 | 1   | 20 | 30  | 50      | N   | 700 | N   | N   | 50  | 100 | -   | 1000 | 100 | 30 | N    | 150 | 7   | 5       | 1   | .3  |  |
| † 322             | AC6835 | 67AMu231 | N   | <.02 | -   | 700  | N   | 15 | 70  | 30      | N   | 500 | N   | N   | 20  | 15  | -   | 500  | 70  | 20 | N    | 100 | 3   | 2       | 1   | .3  |  |
| † 323             | 833    | 229      | N   | <.02 | -   | 500  | N   | 15 | 70  | 50      | N   | 300 | N   | N   | 20  | 15  | -   | 700  | 150 | 20 | N    | 100 | 5   | 2       | .7  | .2  |  |
| † 324             | 834    | 230      | N   | <.02 | -   | 700  | N   | 10 | 70  | 30      | N   | 500 | N   | N   | 20  | 15  | -   | 1500 | 100 | 15 | N    | 70  | 10  | 1.5     | 1   | .2  |  |
| xx 325            | 756    | 158      | N   | <.02 | 70  | 500  | 1   | 20 | 100 | 30      | 20  | 500 | N   | <10 | 30  | 30  | 15  | 1000 | 70  | 15 | <200 | 70  | 3   | 5       | 1.5 | .3  |  |
| xx 326            | 761    | 160      | N   | <.02 | 50  | 700  | 1   | 15 | 100 | 30      | 20  | 500 | N   | <10 | 30  | 30  | 10  | 2000 | 70  | 15 | N    | 70  | 5   | 5       | 1.5 | .3  |  |
| xx 327            | 762    | 161      | N   | <.02 | 70  | 1000 | 1   | 20 | 100 | 30      | 20  | 500 | N   | <10 | 50  | 50  | 15  | 500  | 100 | 20 | N    | 150 | 2   | 5       | 1.5 | .5  |  |
| † 328             | ACJ034 | 67AR370  | N   | <.02 | -   | 700  | 1   | 15 | 100 | 50      | N   | 500 | N   | <10 | 70  | 15  | -   | 500  | 150 | 20 | N    | 100 | 5   | 3       | 1.5 | .3  |  |
| xx 329            | AC6763 | 67AMu162 | N   | <.02 | 70  | 700  | 1   | 20 | 100 | 30      | 30  | 500 | N   | N   | 30  | 30  | 15  | 700  | 100 | 15 | N    | 100 | 3   | 5       | 2   | .3  |  |
| † 330             | ACJ031 | 67AR367  | N   | <.02 | -   | 1500 | 1.5 | 20 | 100 | 70      | N   | 500 | N   | <10 | 70  | 100 | -   | 700  | 150 | 20 | N    | 150 | 7   | 5       | 2   | .5  |  |
| † 331             | 032    | 368      | N   | <.02 | -   | 500  | 1.0 | 15 | 100 | 70      | N   | 700 | N   | N   | 70  | 15  | -   | 1000 | 150 | 20 | N    | 100 | 5   | 3       | 1.5 | .3  |  |
| † 332             | 033    | 369      | N   | <.02 | -   | 1500 | 1.0 | 10 | 70  | 50      | N   | 500 | N   | <10 | 50  | 100 | -   | 700  | 100 | 20 | N    | 100 | 7   | 2       | 2   | .3  |  |
| xx 333            | AC6764 | 67AMu163 | N   | <.02 | 70  | 1000 | 1   | 15 | 70  | 30      | 20  | 500 | N   | <10 | 30  | 70  | 10  | 700  | 70  | 15 | N    | 100 | 5   | 3       | 1.5 | .3  |  |
| xx 334            | 136    | 67AEv 51 | N   | <.02 | 50  | 1000 | 1.5 | 20 | 100 | 30      | 30  | 300 | 7   | <20 | 30  | 20  | 20  | 300  | 100 | 30 | N    | 150 | 3   | 3       | 1   | .7  |  |
| xx 335            | 137    | 52       | N   | <.02 | 50  | 700  | 1   | 10 | 70  | 20      | N   | 200 | N   | <20 | 30  | 10  | 15  | 700  | 100 | 10 | N    | 100 | 5   | 3       | .7  | .2  |  |
| xx 336            | 139    | 54       | N   | <.02 | 70  | 1000 | 1.5 | 20 | 100 | 30      | 30  | 500 | N   | <20 | 30  | <10 | 20  | 200  | 100 | 20 | N    | 150 | 1.5 | 3       | .7  | .3  |  |
| xx 337            | 138    | 53       | N   | <.02 | 70  | 1000 | 1   | 15 | 100 | 30      | 30  | 300 | N   | <20 | 50  | <10 | 30  | 150  | 150 | 20 | N    | 150 | 1   | 3       | 1   | .7  |  |
| xx 338            | 141    | 56       | N   | <.02 | 30  | 700  | 1   | 15 | 100 | 30      | 30  | 300 | 7   | <20 | 30  | 30  | 20  | 300  | 150 | 20 | N    | 150 | .7  | 5       | 1   | .5  |  |
| xx 339            | 140    | 55       | N   | <.02 | 50  | 1000 | 2   | 15 | 100 | 30      | 30  | 500 | N   | 20  | 30  | 30  | 20  | 150  | 150 | 30 | 200  | 150 | 7   | 3       | .7  |     |  |

| Sample No.        | Lab. No. | Field No. | Ag  | Au   | B   | Ba   | Be  | Co  | Cr  | Cu | La | Mn  | Mo | Nb  | Ni | Pb  | Sc | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe | Mg  | Ti | Remarks |  |
|-------------------|----------|-----------|-----|------|-----|------|-----|-----|-----|----|----|-----|----|-----|----|-----|----|------|-----|----|------|-----|-----|----|-----|----|---------|--|
| parts per million |          |           |     |      |     |      |     |     |     |    |    |     |    |     |    |     |    |      |     |    |      |     |     |    |     |    |         |  |
| percent           |          |           |     |      |     |      |     |     |     |    |    |     |    |     |    |     |    |      |     |    |      |     |     |    |     |    |         |  |
| x351              | 406317   | 67AMa20   | N   | <.02 | 100 | 1000 | 1.5 | 15  | 70  | 50 | 20 | 200 | 10 | <20 | 30 | 100 | 15 | N    | 100 | 20 | N    | 150 | 1.5 | 5  | .7  | .3 |         |  |
| x352              | 316      | 19        | N   | <.02 | 100 | 700  | 2   | 10  | 100 | 30 | 30 | 300 | N  | <20 | 30 | 50  | 15 | 200  | 100 | 20 | N    | 150 | 7   | 7  | 1   | .3 |         |  |
| x353              | 318      | 21        | N   | .02  | 100 | 700  | 1.5 | 15  | 70  | 30 | 20 | 300 | 7  | <20 | 30 | 20  | 15 | N    | 100 | 20 | N    | 150 | 2   | 5  | .7  | .3 |         |  |
| x354              | 320      | 24        | N   | <.02 | 70  | 700  | <1  | N   | 70  | 20 | 30 | 300 | N  | <20 | 20 | 20  | 15 | 1500 | 70  | 20 | N    | 150 | 20  | 3  | 1   | .2 |         |  |
| x355              | 321      | 25        | N   | <.02 | 70  | 1000 | 2   | 15  | 100 | 20 | 50 | 300 | 15 | N   | 30 | 20  | 15 | 150  | 200 | 20 | 200  | 200 | 2   | 7  | 1   | .3 |         |  |
| x356              | 322      | 26        | N   | <.02 | 70  | 500  | <1  | 10  | 100 | 20 | 30 | 300 | N  | N   | 30 | 20  | 20 | 700  | 150 | 15 | N    | 150 | 10  | 5  | 1   | .5 |         |  |
| x357              | 323      | 27        | N   | <.02 | 100 | 700  | 3   | 15  | 150 | 30 | 50 | 500 | 5  | N   | 30 | 50  | 20 | 200  | 150 | 30 | N    | 200 | 5   | 7  | 1.5 | .5 |         |  |
| x358              | 325      | 29        | N   | <.02 | 100 | 100  | 2   | 10  | 150 | 20 | 50 | 300 | 7  | N   | 30 | 30  | 15 | 300  | 150 | 30 | N    | 150 | 7   | 5  | .7  | .3 |         |  |
| x359              | 326      | 30        | N   | <.02 | 100 | 700  | 3   | 10  | 150 | 30 | 50 | 300 | N  | N   | 30 | 20  | 20 | 300  | 150 | 20 | N    | 150 | 5   | 5  | 1   | .5 |         |  |
| x360              | 327      | 31        | N   | <.02 | 70  | 700  | 2   | 10  | 150 | 20 | 30 | 200 | N  | N   | 30 | 20  | 20 | 700  | 150 | 15 | N    | 150 | 15  | 5  | 1   | .2 |         |  |
| x361              | 153      | 67AE-68   | N   | <.02 | 50  | 500  | 1   | 10  | 100 | 30 | 20 | 300 | N  | <20 | 30 | 30  | 15 | 300  | 100 | 15 | N    | 150 | 7   | 3  | 1   | .3 |         |  |
| x362              | 154      | 69        | <.5 | <.02 | 50  | 700  | 1   | 15  | 70  | 30 | 30 | 200 | N  | <20 | 30 | 20  | 15 | 700  | 100 | 15 | <200 | 100 | 5   | 5  | 1   | .3 |         |  |
| x363              | 155      | 70        | <.5 | <.02 | 70  | 700  | 1   | 15  | 150 | 30 | 30 | 200 | N  | <20 | 50 | 30  | 15 | 300  | 150 | 15 | <200 | 100 | 5   | 5  | 1   | .3 |         |  |
| x364              | 156      | 71        | .5  | <.02 | 70  | 700  | 1   | 15  | 50  | 15 | 30 | 500 | N  | <20 | 10 | 10  | 10 | 200  | 100 | 15 | <200 | 100 | .7  | 3  | .7  | .2 |         |  |
| x365              | 157      | 72        | .5  | <.02 | 70  | 700  | 1   | 10  | 70  | 30 | 30 | 500 | N  | <20 | 20 | 20  | 15 | 300  | 100 | 20 | 200  | 100 | 5   | 5  | 1   | .2 |         |  |
| x366              | 158      | 73        | .7  | <.02 | 70  | 700  | 1   | 10  | 100 | 30 | 30 | 300 | N  | <20 | 20 | 20  | 15 | 500  | 100 | 15 | 200  | 100 | 7   | 5  | 1   | .3 |         |  |
| x367              | 159      | 74        | .5  | <.02 | 70  | 700  | 1   | 15  | 150 | 30 | 30 | 300 | N  | <20 | 30 | 20  | 20 | 300  | 150 | 15 | 200  | 150 | 7   | 5  | 1   | .5 |         |  |
| x368              | 160      | 75        | .5  | <.02 | 100 | 700  | 1   | 15  | 150 | 30 | 20 | 150 | N  | <20 | 20 | 20  | 20 | 200  | 150 | 15 | N    | 100 | 3   | 3  | 1.5 | .5 |         |  |
| x369              | 161      | 76        | N   | <.02 | 100 | 700  | 1   | 15  | 200 | 30 | 30 | 300 | N  | <20 | 30 | 10  | 20 | 700  | 150 | 15 | N    | 150 | 10  | 5  | 1   | .3 |         |  |
| x370              | 162      | 77        | N   | <.02 | 100 | 700  | 1   | 15  | 200 | 30 | 30 | 200 | N  | <20 | 30 | 30  | 20 | 500  | 100 | 15 | N    | 150 | 10  | 5  | 1   | .3 |         |  |
| x371              | 163      | 32        | N   | <.02 | 70  | 500  | 1   | 10  | 70  | 20 | 20 | 200 | N  | <20 | 20 | 15  | 15 | 700  | 100 | 10 | N    | 100 | 15  | 3  | 1   | .2 |         |  |
| x372              | 164      | 33        | N   | <.02 | 100 | 700  | 2   | 15  | 200 | 30 | 30 | 300 | 5  | <20 | 30 | 100 | 30 | 200  | 150 | 20 | 200  | 200 | 7   | 7  | 1.5 | .7 |         |  |
| x373              | 165      | 34        | N   | <.02 | 70  | 1000 | 2   | 10  | 100 | 30 | 30 | 500 | N  | <20 | 30 | 100 | 20 | 200  | 150 | 20 | 200  | 150 | 2   | 7  | 1   | .5 |         |  |
| x374              | 166      | 35        | N   | <.02 | 70  | 700  | 1   | 15  | 100 | 30 | 30 | 500 | N  | <20 | 20 | 20  | 20 | 300  | 100 | 15 | N    | 150 | 5   | 7  | 1   | .5 |         |  |
| x375              | 167      | 36        | N   | <.02 | 70  | 700  | 1   | 10  | 100 | 20 | 30 | 500 | N  | <20 | 30 | 50  | 20 | 300  | 100 | 20 | N    | 150 | 3   | 7  | 2   | .7 |         |  |
| x376              | 301      | 67AM-1    | N   | <.02 | 70  | 1000 | 1   | N   | 70  | 30 | 20 | 500 | N  | <20 | 20 | 15  | 15 | 200  | 100 | 15 | N    | 150 | 7   | 3  | 1.5 | .3 |         |  |
| x377              | 302      | 2         | N   | <.02 | 70  | 700  | 1.5 | 10  | 100 | 20 | 30 | 300 | N  | <20 | 20 | 15  | 20 | 150  | 100 | 15 | N    | 150 | 3   | 7  | 1   | .3 |         |  |
| x378              | 303      | 3         | N   | <.02 | 100 | 700  | 1.5 | 15  | 100 | 30 | 30 | 500 | N  | 20  | 30 | 50  | 20 | 200  | 150 | 20 | <200 | 150 | 5   | 7  | 1   | .5 |         |  |
| x379              | 304      | 5         | N   | <.02 | 70  | 700  | 2   | 10  | 100 | 20 | 30 | 700 | N  | 20  | 30 | 20  | 20 | 200  | 100 | 30 | <200 | 150 | 3   | 10 | 1   | 1  |         |  |
| x380              | 305      | 6         | N   | <.02 | 100 | 700  | 1.5 | 10  | 70  | 20 | 30 | 500 | N  | <20 | 30 | 10  | 20 | 700  | 100 | 20 | <200 | 150 | 10  | 7  | 1   | .3 |         |  |
| x381              | 307      | 8         | N   | <.02 | 100 | 700  | 1.5 | 10  | 70  | 30 | 30 | 500 | N  | <20 | 30 | 30  | 20 | 300  | 100 | 20 | <200 | 150 | 7   | 7  | 1.5 | .5 |         |  |
| x382              | 308      | 9         | N   | <.02 | 100 | 700  | 2   | 20  | 150 | 30 | 30 | 700 | N  | <20 | 30 | 30  | 30 | 300  | 100 | 20 | <200 | 150 | 5   | 7  | 1.5 | .3 |         |  |
| x383              | 168      | 67AE-38   | N   | <.02 | 70  | 700  | 1   | <10 | 100 | 15 | 20 | 500 | N  | <20 | 30 | 15  | 20 | 300  | 70  | 15 | N    | 100 | 7   | 5  | 1   | .5 |         |  |
| x384              | 309      | 67AM-10   | N   | <.02 | 70  | 700  | 1.5 | 10  | 100 | 30 | 30 | 500 | N  | <20 | 30 | 30  | 20 | 700  | 100 | 20 | N    | 150 | 15  | 7  | 1.5 | .5 |         |  |
| x385              | 310      | 11        | N   | <.02 | 70  | 700  | 2   | 15  | 100 | 30 | 20 | 500 | N  | <20 | 30 | 30  | 20 | 200  | 150 | 15 | N    | 150 | 3   | 7  | 1   | .7 |         |  |
| x386              | 169      | 67AE-39   | N   | <.02 | 70  | 700  | 1   | 15  | 100 | 30 | 20 | 300 | N  | <20 | 30 | 10  | 20 | 300  | 70  | 15 | N    | 150 | 7   | 5  | 1.5 | .7 |         |  |
| x387              | 170      | 40        | N   | <.02 | 70  | 700  | 1   | 10  | 100 | 20 | 20 | 500 | N  | <20 | 30 | 10  | 15 | 300  | 70  | 10 | N    | 150 | 7   | 3  | 1   | .3 |         |  |
| x388              | 311      | 67AM-12   | N   | <.02 | 70  | 700  | 1.5 | 15  | 70  | 30 | 20 | 300 | N  | <20 | 30 | 30  | 20 | 300  | 100 | 15 | N    | 150 | 7   | 5  | 1   | .5 |         |  |
| x389              | 171      | 67AE-41   | N   | <.02 | 70  | 1000 | 1.5 | 20  | 150 | 30 | 30 | 300 | N  | <20 | 30 | 50  | 15 | 200  | 100 | 15 | N    | 150 | 3   | 7  | 1   | .5 |         |  |
| x390              | 312      | 67AM-13   | N   | <.02 | 100 | 1000 | 2   | 15  | 150 | 30 | 30 | 300 | N  | <20 | 30 | 50  | 20 | 200  | 150 | 15 | N    | 150 | 3   | 7  | 1   | .7 |         |  |
| x391              | 313      | 15        | N   | <.02 | 50  | 700  | 1   | 15  | 100 | 20 | 20 | 300 | N  | <20 | 30 | 20  | 20 | 500  | 100 | 20 | N    | 100 | 10  | 7  | 1.5 | .5 |         |  |
| x392              | 172      | 67AE-42   | N   | <.02 | 100 | 1000 | 1   | 20  | 150 | 30 | 50 | 300 | N  | <20 | 30 | 30  | 20 | 200  | 150 | 15 | N    | 100 | 7   | 5  | 1   | .3 |         |  |
| x393              | 314      | 67AM-16   | N   | <.02 | 50  | 700  | 1.5 | 15  | 300 | 30 | 20 | 300 | N  | <20 | 30 | 15  | 20 | 300  | 100 | 15 | N    | 150 | 7   | 7  | 1.5 | .5 |         |  |
| x394              | 400      | 102       | N   | <.02 | 50  | 700  | <1  | 15  | 150 | 30 | N  | 500 | N  | <10 | 50 | 20  | 15 | 1500 | 70  | 20 | N    | 100 | 3   | 5  | 1.5 | .3 |         |  |
| x395              | 399      | 101       | N   | <.02 | 100 | 500  | 1   | 15  | 70  | 70 | 20 | 700 | N  | 10  | 30 | 50  | 15 | 200  | 100 | 20 | <200 | 150 | 3   | 5  | 2   | .5 |         |  |
| x396              | 398      | 100       | N   | .02  | 70  | 700  | 1   | 15  | 150 | 50 | N  | 500 | N  | 10  | 70 | 30  | 15 | 1000 | 100 | 20 | N    | 150 | 3   | 5  | 1.5 | .5 |         |  |
| x397              | 701      | 103       | N   | <.02 | 70  | 1000 | 1   | 20  | 150 | 50 | 20 | 500 | N  | <10 | 50 | 20  | 15 | 700  | 100 | 30 | <200 | 150 | 2   | 7  | 1.5 | .5 |         |  |
| x398              | 234      | 67AB-38   | N   | <.02 | 100 | 700  | 1   | 15  | 100 | 30 | 20 | 200 | N  | <20 | 20 | 10  | 15 | 150  | 150 | 20 | N    | 100 | 10  | 3  | 2   | .2 |         |  |
| x399              | 731      | 67AM-133  | N   | <.02 | 100 | 500  | 1   | 20  | 200 | 50 | 30 | 300 | <5 | <10 | 50 | 30  | 20 | 300  | 150 | 20 | N    | 150 | 3   | 7  | 2   | .5 |         |  |
| x400              | 702      | 104       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 50 | 30 | 700 | N  | <10 | 30 | 15  | 15 | 700  | 70  | 30 | <200 | 150 | 3   | 5  | 1   | .5 |         |  |
| x401              | 703      | 105       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 70 | 20 | 500 | N  | 10  | 70 | 20  | 20 | 300  | 150 | 30 | <200 | 150 | 1.5 | 7  | 1.5 | .7 |         |  |
| x402              | 704      | 106       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 70 | 20 | 500 | N  | <10 | 50 | 30  | 15 | 200  | 70  | 30 | N    | 150 | 1.5 | 7  | 1.5 | .5 |         |  |
| x403              | 705      | 107       | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 50 | 20 | 500 | N  | <10 | 50 | 20  | 15 | 200  | 100 | 30 | N    | 150 | 1.5 | 5  | 1.5 | .5 |         |  |
| x404              | 706      | 108       | N   | <.02 | 70  | 1000 | 1   | 20  | 200 | 70 | 20 | 500 | N  | <10 | 70 | 20  | 20 | 300  | 150 | 30 | N    | 150 | 1.5 | 7  | 1.5 | .7 |         |  |
| x405              | 233      | 67AB-37   | N   | <.02 | 100 | 700  | 1   | 10  | 100 | 30 | 20 | 300 | N  | <10 | 15 | 20  | 20 | 200  | 100 | 20 | N    | 150 | 7   | 3  | 1.5 | .5 |         |  |
| x406              | 707      | 67AM-108  | N   | <.02 | 70  | 700  | 1   | 20  | 150 | 70 | 20 | 700 | N  | <10 | 50 | 20  | 15 | 700  | 100 | 30 | N    | 150 | 5   | 7  | 2   | .7 |         |  |
| x407              | 534      | 67AE-158  | .5  | <.02 | 100 | 1000 | 1   | 20  | 300 | 30 | 20 | 700 | N  | <10 | 50 | 150 | 20 | 1500 | 100 | 30 | 200  | 150 | 3   | 7  | 2   | .7 |         |  |
| x408              | 537      | 161       | .7  | <.02 | 70  | 1000 | <1  | 15  | 150 | 30 | 20 | 700 | N  | <   |    |     |    |      |     |    |      |     |     |    |     |    |         |  |

| Sample No.        | Lab. No. | Field No. | Ag  | Au   | B   | Ba   | Be  | Co | Cr  | Cu  | La | Mn   | Mo  | Nb  | Ni  | Pb  | Sc | Sr   | V   | Y  | Zn   | Zr  | Ca  | Fe  | Mg  | Ti | Remarks |
|-------------------|----------|-----------|-----|------|-----|------|-----|----|-----|-----|----|------|-----|-----|-----|-----|----|------|-----|----|------|-----|-----|-----|-----|----|---------|
| parts per million |          |           |     |      |     |      |     |    |     |     |    |      |     |     |     |     |    |      |     |    |      |     |     |     |     |    |         |
| percent           |          |           |     |      |     |      |     |    |     |     |    |      |     |     |     |     |    |      |     |    |      |     |     |     |     |    |         |
| † 421             | ACJ 061  | 67AR324   | 7   | <.02 | —   | 1500 | 1.5 | 30 | 15  | 500 | 30 | 1000 | 3   | 10  | 50  | 700 | —  | 700  | 150 | 50 | 2000 | 200 | 3   | 7   | 2   | .5 | Bi 20   |
| † 422             | 062      | 325       | 3   | <.02 | —   | 1000 | 2   | 20 | 30  | 100 | 50 | 150  | 5   | <10 | 100 | 200 | —  | 200  | 150 | 50 | 500  | 150 | 1   | 5   | 3   | .5 |         |
| † 423             | ACG 907  | 67ABu134  | 7   | <.1  | —   | 700  | 1   | 15 | 30  | 150 | N  | 1500 | N   | N   | 15  | 700 | —  | 300  | 150 | 30 | 1500 | 150 | 3   | 5   | 2   | .3 | Bi 10   |
| † 424             | 906      | 133       | 1.5 | <.1  | —   | 700  | 2   | 15 | 70  | 70  | 30 | 1500 | 10  | 10  | 30  | 200 | —  | 200  | 150 | 50 | 700  | 150 | 15  | 3   | 3   | .3 |         |
| † 425             | 908      | 135       | 7   | <.02 | —   | 700  | 2   | 15 | 70  | 150 | 30 | 3000 | N   | 10  | 30  | 700 | —  | 200  | 150 | 30 | 700  | 150 | 3   | 5   | 2   | .3 | Bi <10  |
| † 426             | 909      | 136       | 7   | <.02 | —   | 700  | 1   | 15 | 70  | 150 | 30 | 1500 | N   | 10  | 30  | 300 | —  | 500  | 150 | 30 | 700  | 150 | 3   | 3   | 3   | .3 | Bi 10   |
| † 427             | 910      | 137       | 7   | <.1  | —   | 700  | N   | 15 | 70  | 200 | N  | 1500 | N   | N   | 30  | 150 | —  | 1000 | 150 | 30 | 1500 | 100 | 7   | 3   | 2   | .3 |         |
| † 428             | 911      | 138       | 3   | <.02 | —   | 700  | 1   | 15 | 70  | 150 | N  | 1500 | N   | <10 | 20  | 200 | —  | 700  | 150 | 30 | 700  | 100 | 7   | 3   | 2   | .3 | Bi <10  |
| † 429             | 912      | 139       | 1   | <.02 | —   | 700  | N   | 10 | 70  | 100 | N  | 1500 | N   | N   | 20  | 150 | —  | 700  | 100 | 30 | 700  | 70  | M   | 2   | 2   | .3 |         |
| † 430             | 913      | 140       | N   | <.1* | —   | 700  | 1   | 15 | 70  | 70  | N  | 700  | N   | <10 | 30  | 100 | —  | 200  | 150 | 30 | N    | 70  | 3   | 3   | 2   | .3 |         |
| † 431             | 914      | 141       | N   | <.02 | —   | 700  | N   | 10 | 70  | 70  | N  | 700  | N   | <10 | 20  | 150 | —  | 700  | 100 | 20 | 300  | 70  | M   | 2   | 2   | .3 |         |
| xx 432            | 766      | 67AMu165  | 2   | <.02 | 50  | 500  | 1   | 15 | 70  | 50  | 30 | 700  | N   | <10 | 30  | 150 | 10 | 1000 | 70  | 15 | 300  | 100 | 5   | 5   | 2   | .3 | Bi <10  |
| † 433             | 917      | 67ABu144  | N   | <.02 | —   | 700  | N   | 10 | 50  | 70  | N  | 700  | N   | N   | 15  | 70  | —  | 700  | 70  | 20 | N    | 70  | 7   | 2   | 2   | .3 |         |
| † 434             | 915      | 142       | N   | <.02 | —   | 700  | 3   | 15 | 70  | 50  | 50 | 500  | N   | <10 | 30  | 20  | —  | 150  | 150 | 30 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| † 435             | 916      | 143       | N   | <.02 | —   | 700  | 2   | 15 | 100 | 50  | 30 | 500  | N   | <10 | 20  | 20  | —  | 300  | 150 | 30 | N    | 150 | 5   | 3   | 2   | .3 |         |
| xx 436            | 765      | 67AMu164  | N   | <.02 | 70  | 500  | 1   | 20 | 150 | 30  | 70 | 500  | N   | <10 | 50  | 30  | 15 | 300  | 100 | 30 | N    | 150 | 2   | 5   | 1.5 | .5 |         |
| † 437             | 918      | 67ABu145  | N   | <.02 | —   | 700  | 2   | 15 | 70  | 50  | 30 | 500  | N   | <10 | 30  | 15  | —  | 300  | 150 | 30 | N    | 100 | 5   | 3   | 1.5 | .3 |         |
| † 438             | 919      | 146       | N   | <.02 | —   | 700  | 1   | 10 | 70  | 70  | N  | 500  | N   | N   | 15  | 30  | —  | 700  | 100 | 30 | N    | 70  | 7   | 2   | 1.5 | .3 |         |
| † 439             | 920      | 147       | N   | <.02 | —   | 700  | N   | 10 | 70  | 70  | N  | 500  | N   | N   | 20  | 50  | —  | 700  | 100 | 30 | N    | 70  | 10  | 2   | 1.5 | .3 |         |
| † 440             | 921      | 148       | N   | <.02 | —   | 700  | 1   | 10 | 70  | 70  | N  | 700  | N   | N   | 20  | 50  | —  | 700  | 150 | 30 | N    | 70  | M   | 3   | 1.5 | .3 |         |
| † 441             | 922      | 149       | N   | <.02 | —   | 700  | N   | 10 | 70  | 70  | N  | 700  | N   | <10 | 20  | 50  | —  | 700  | 100 | 30 | N    | 70  | M   | 2   | 1.5 | .3 |         |
| † 442             | 923      | 150       | N   | <.02 | —   | 700  | N   | 10 | 70  | 70  | N  | 700  | N   | N   | 30  | 30  | —  | 1000 | 150 | 30 | N    | 70  | M   | 3   | 2   | .3 |         |
| † 443             | 924      | 151       | N   | <.02 | —   | 700  | N   | 10 | 70  | 50  | N  | 300  | N   | N   | 15  | 30  | —  | 700  | 100 | 30 | N    | 70  | M   | 2   | 1.5 | .3 |         |
| † 444             | 579      | 67AE-223  | N   | <.02 | —   | 1000 | 2   | 15 | 70  | 50  | 50 | 700  | 7   | 10  | 50  | 15  | —  | 200  | 150 | 30 | N    | 150 | 7   | 3   | 1   | .3 |         |
| † 445             | 580      | 224       | N   | <.02 | —   | 1500 | 2   | 15 | 70  | 70  | 30 | 500  | 7   | 10  | 50  | 20  | —  | 200  | 150 | 50 | N    | 150 | 7   | 3   | .7  | .3 |         |
| † 446             | 581      | 225       | N   | <.02 | —   | 1500 | 1   | 20 | 70  | 70  | 30 | 500  | 7   | 10  | 50  | 20  | —  | 150  | 200 | 50 | N    | 150 | 3   | 3   | 1   | .3 |         |
| † 447             | 582      | 226       | N   | <.02 | —   | 1500 | 2   | 15 | 70  | 70  | 30 | 700  | 7   | <10 | 70  | 20  | —  | 150  | 150 | 30 | N    | 150 | 7   | 3   | 1   | .3 |         |
| † 448             | 583      | 227       | N   | <.02 | —   | 1500 | 1   | 20 | 70  | 70  | 30 | 500  | 7   | 10  | 50  | 20  | —  | 150  | 150 | 30 | N    | 150 | 7   | 3   | 1   | .3 |         |
| xx 449            | 790      | 67AMu188  | N   | <.1  | 150 | 1000 | 1   | 20 | 150 | 70  | 20 | 700  | N   | <10 | 50  | 30  | 15 | 1500 | 100 | 30 | N    | 150 | 3   | 7   | 1.5 | .7 |         |
| xx 450            | 789      | 187       | N   | <.02 | 200 | 700  | 1   | 20 | 150 | 50  | 50 | 700  | N   | 10  | 70  | 30  | 20 | 150  | 150 | 30 | <200 | 150 | 1.5 | 7   | 1.5 | .7 |         |
| † 451             | 584      | 67AE-228  | N   | <.02 | —   | 700  | 1   | 15 | 100 | 50  | 30 | 300  | 3   | 10  | 50  | 20  | —  | 150  | 150 | 30 | N    | 100 | 1.5 | 3   | 1.5 | .3 |         |
| † 452             | 585      | 229       | N   | <.02 | —   | 1500 | 1   | 20 | 100 | 70  | 30 | 500  | 7   | 10  | 50  | 20  | —  | 150  | 150 | 30 | N    | 150 | 1.5 | 3   | 1   | .3 |         |
| xx 453            | 791      | 67AMu189  | N   | <.02 | 50  | 500  | 1   | 15 | 100 | 30  | 20 | 500  | N   | <10 | 50  | 20  | 15 | 200  | 70  | 15 | N    | 150 | 1.5 | 7   | 1.5 | .5 |         |
| † 454             | 586      | 67AE-230  | N   | <.02 | —   | 70   | 2   | 15 | 70  | 50  | 30 | 500  | 3   | 10  | 30  | 20  | —  | 200  | 150 | 30 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| xx 455            | 787      | 67AMu185  | N   | <.02 | 150 | 700  | 1   | 15 | 150 | 50  | 30 | 700  | N   | <10 | 30  | 20  | 15 | 700  | 100 | 30 | N    | 150 | 3   | 7   | 1.5 | 1  |         |
| xx 456            | 788      | 186       | N   | <.02 | 100 | 700  | 1   | 15 | 150 | 30  | 20 | 700  | N   | <10 | 50  | 30  | 15 | 700  | 100 | 20 | N    | 150 | 2   | 5   | 1.5 | .7 |         |
| xx 457            | 792      | 190       | <.5 | <.02 | 100 | 1500 | 1   | 20 | 150 | 30  | 30 | 500  | 10  | <10 | 100 | 20  | 15 | 150  | 150 | 30 | <200 | 150 | 1.5 | 7   | 1   | .5 |         |
| xx 458            | 786      | 184       | N   | <.02 | 100 | 700  | 1   | 20 | 150 | 50  | 20 | 700  | N   | <10 | 30  | 30  | 20 | 700  | 100 | 30 | <200 | 150 | 2   | 7   | 1.5 | 1  |         |
| xx 459            | 785      | 183       | N   | <.1  | 70  | 700  | <1  | 15 | 150 | 30  | 20 | 1000 | N   | <10 | 30  | 15  | 20 | 1000 | 100 | 30 | N    | 150 | 2   | 7   | 1.5 | 1  |         |
| xx 460            | 784      | 182       | N   | <.02 | 100 | 1000 | 1   | 15 | 150 | 30  | 20 | 700  | N   | <10 | 50  | 20  | 15 | 700  | 100 | 30 | N    | 150 | 3   | 5   | 1.5 | .7 |         |
| † 461             | 863      | 260       | N   | <.02 | —   | 700  | 1   | 15 | 70  | 50  | 30 | 300  | N   | <10 | 30  | 15  | —  | 500  | 150 | 30 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| xx 462            | 783      | 181       | N   | <.02 | 100 | 700  | 1   | 15 | 150 | 30  | 30 | 500  | N   | <10 | 50  | 20  | 15 | 300  | 150 | 30 | N    | 150 | 2   | 5   | 1.5 | .7 |         |
| xx 463            | 782      | 100       | <.5 | <.02 | 150 | 3000 | 1   | 15 | 70  | 150 | 20 | 700  | 20  | 10  | 70  | 30  | 15 | 200  | 150 | 30 | <200 | 150 | 1.5 | 5   | 1   | .5 |         |
| xx 464            | 793      | 191       | N   | <.02 | 70  | 700  | 1   | 20 | 200 | 30  | 20 | 500  | <.5 | 10  | 50  | 15  | 15 | 700  | 70  | 30 | N    | 150 | 3   | 7   | 1.5 | .5 |         |
| xx 465            | 781      | 179       | N   | <.02 | 150 | 500  | 1   | 15 | 150 | 30  | 30 | 700  | N   | 10  | 50  | 30  | 20 | 300  | 100 | 30 | N    | 150 | 2   | 7   | 1.5 | .7 |         |
| xx 466            | 794      | 192       | N   | <.02 | 70  | 2000 | 1   | 5  | 50  | 50  | 20 | 200  | 15  | 10  | 50  | 15  | 10 | 150  | 150 | 20 | N    | 150 | 1.5 | 1.5 | .5  | .3 |         |
| xx 467            | 795      | 193       | N   | <.02 | 100 | 700  | 1   | 20 | 300 | 50  | N  | 700  | N   | <10 | 70  | 20  | 15 | 300  | 100 | 15 | N    | 150 | 2   | 7   | 2   | .5 |         |
| xx 468            | 780      | 178       | N   | <.02 | 150 | 700  | 1   | 15 | 100 | 50  | N  | 700  | 7   | 10  | 50  | 15  | 15 | 150  | 200 | 20 | <200 | 150 | 1.5 | 5   | 1.5 | .5 |         |
| xx 469            | 778      | 177       | .5  | <.02 | 200 | 1500 | 1   | 15 | 150 | 100 | 30 | 700  | 10  | 10  | 70  | 30  | 15 | 500  | 200 | 30 | <200 | 150 | 2   | 7   | 1.5 | .7 |         |
| xx 470            | 777      | 176       | .5  | <.02 | 200 | 3000 | 1   | 30 | 70  | 100 | 20 | 1500 | 15  | <10 | 150 | 30  | 15 | 300  | 150 | 30 | 500  | 150 | 1.5 | 7   | 1   | .5 |         |
| † 471             | 944      | 67ABu171  | N   | <.02 | —   | 1000 | 1   | 15 | 70  | 70  | N  | 500  | 3   | <10 | 30  | 30  | —  | 200  | 150 | 30 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| † 472             | 945      | 172       | N   | <.02 | —   | 700  | 1   | 15 | 70  | 70  | 30 | 500  | N   | <10 | 50  | 20  | —  | 300  | 150 | 30 | N    | 150 | 3   | 3   | 2   | .3 |         |
| † 473             | 946      | 173       | N   | <.02 | —   | 700  | 1   | 15 | 70  | 70  | 30 | 500  | N   | <10 | 50  | 15  | —  | 200  | 150 | 30 | N    | 150 | 3   | 3   | 2   | .5 |         |
| † 474             | 947      | 174       | N   | <.02 | —   | 700  | 1   | 15 | 70  | 70  | 30 | 500  | N   | <10 | 50  | 20  | —  | 200  | 150 | 30 | N    | 150 | 1.5 | 3   | 2   | .3 |         |
| † 475             | 948      | 175       | N   | <.02 | —   | 700  | 2   | 15 | 70  | 70  | 30 | 500  | N   | <10 | 30  | 30  | —  | 200  | 150 | 30 | N    | 150 | 3   | 3   | 2   | .3 |         |
| † 476             | 949      | 176       | N   | <.02 | —   | 700  | 1   | 15 | 70  | 50  | 30 | 500  | N   | <10 | 30  | 20  | —  | 200  | 150 | 30 | N    | 150 | 3   | 3   | 1.5 | .3 |         |
| xx 477            | 768      | 67AMu167  | N   | <.02 | 150 | 500  | 1   | 15 | 150 | 50  | 30 | 500  | N   | <10 | 30  | 30  | 15 | 300  | 100 | 30 | N    | 150 | 1.5 | 5   | 1.5 | .5 |         |
| † 478             | 952      | 67ABu179  | N   | <.02 | —   | 1500 | 2</ |    |     |     |    |      |     |     |     |     |    |      |     |    |      |     |     |     |     |    |         |