Table A. Concentrations of selected elements [mgkg-1] in samples collected along the *oxysalt-silicate* boundary (labeled “a”) as well as in the hematite-quartz rich layer 30 cm below the oxysalt-silicate boundary (labeled “b”)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | DL | S1a | S1b | S3a | S3b | S5a | S5b | S7a | S7b | S9a | S9b | S11a | S11b |
| Cr | 0.4 | 116 | 148 | 137 | 149 | 163 | 159 | 177 | 167 | 150 | 156 | 167 | 184 |
| Co | 0.03 | 158 | 214 | 183 | 88 | 156 | 46 | 78 | 60 | 67 | 58 | 181 | 148 |
| Ni | 0.2 | 6334 | 10338 | 9091 | 6636 | 10202 | 5990 | 9003 | 4794 | 6432 | 4541 | 7412 | 8430 |
| Cu | 0.05 | 2680 | 5437 | 3769 | 4043 | 4792 | 4588 | 3983 | 2755 | 2876 | 2757 | 2456 | 3174 |
| Zn | 0.06 | 70 | 169 | 55 | 52 | 37 | 22 | 10 | 32 | 21 | 30 | 67 | 63 |
| Se | 0.6 | 8.3 | 1.3 | 3.8 | 0.6 | 0.6 | 0.5 | 0.4 | 0.8 | 0.9 | 0.8 | 2 | 0.9 |
| Pb | 0.06 | 17 | 10 | 17 | 9 | 7 | 11 | 8 | 11 | 8 | 11 | 12 | 9 |

DL = detection limit, note that the concentrations of As are below 5 mgkg-1