

APPENDIX 2

Representative chemical bulk-rock composition of major elements of chromitites from the GJSM and BBM (wt.%)

| Occurrence | GJSM | GJSM | GJSM | GJSM | GJSM | BBM | BBM | BBM | BBM | BBM |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Sample | S6 | S43 | S46 | S47 | S49 | S 11 | S 12 | S25 | S26 | S31 |
| SiO ₂ | 0.09 | 0.32 | 0.14 | 0.14 | 0.16 | 9.40 | 9.38 | 0.16 | 0.17 | 0.14 |
| TiO ₂ | <0.01 | 0.03 | <0.01 | <0.01 | <0.01 | <0.01 | 0.10 | 0.01 | 0.06 | 0.03 |
| Al ₂ O ₃ | 15.17 | 18.44 | 24.55 | 10.52 | 17.25 | 20.30 | 27.10 | 31.28 | 19.78 | 18.97 |
| Cr ₂ O ₃ | 17.02 | 16.11 | 19.04 | 17.66 | 17.63 | 16.10 | 14.66 | 19.88 | 16.63 | 16.51 |
| Fe ₂ O ₃ ^{a)} | 14.73 | 14.00 | 13.81 | 18.27 | 13.01 | 14.68 | 11.25 | 12.97 | 14.40 | 13.25 |
| MnO | 0.18 | 0.21 | 0.13 | 0.50 | 0.14 | 0.20 | 0.10 | 0.12 | 0.21 | 0.15 |
| MgO | 20.93 | 18.66 | 17.82 | 20.09 | 21.79 | 19.01 | 23.69 | 23.42 | 18.58 | 19.42 |
| CaO | 0.03 | <0.01 | 0.06 | 0.71 | 0.04 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| Na ₂ O | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| K ₂ O | 0.02 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 | <0.01 |
| P ₂ O ₅ | <0.01 | 0.02 | <0.01 | <0.01 | 0.01 | <0.01 | <0.01 | <0.01 | 0.02 | <0.01 |
| LOI | 6.6 | 3.6 | 1.8 | 8.7 | 7.3 | 3.7 | 4.4 | 4.2 | 3.6 | 3.9 |
| Total | 89.61 | 79.81 | 81.49 | 89.06 | 89.87 | 83.72 | 90.87 | 99.60 | 81.73 | 81.64 |

a) total Fe as Fe₂O₃