Table 2 Re–Os isotope compositions for molybdenite from the Yinyan tin deposit

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Weight  (g) | Re (ng/g) | | Os (ng/g) | | 187Re (ng/g) | | 187Os (ng/g) | | Model age (Ma) | |
| Measured | 2σ | Measured | 2σ | Measured | 2σ | Measured | 2σ | Measured | 2σ |
| Y701 | 0.20247 | 145.1 | 1.7 | 0.0006 | 0.0004 | 91.19 | 1.10 | 0.1171 | 0.0009 | 77.06 | 1.33 |
| Y719 | 0.20114 | 146.2 | 1.8 | 0.0001 | 0.0000 | 91.88 | 1.16 | 0.1184 | 0.0007 | 77.31 | 1.32 |
| Y720 | 0.20075 | 161.6 | 2.4 | 0.0013 | 0.0000 | 101.6 | 1.5 | 0.1318 | 0.0013 | 77.82 | 1.58 |
| Y721 | 0.20056 | 150.9 | 1.6 | 0.0002 | 0.0000 | 94.85 | 1.01 | 0.1218 | 0.0007 | 77.06 | 1.21 |
| Y723 | 0.20039 | 87.33 | 0.72 | 0.0003 | 0.0000 | 54.89 | 0.45 | 0.0701 | 0.0005 | 76.65 | 1.10 |
| Y727 | 0.20039 | 13.40 | 0.19 | 0.0001 | 0.0000 | 8.42 | 0.12 | 0.0108 | 0.0001 | 77.10 | 1.65 |
| Y728 | 0.20133 | 114.9 | 1.1 | 0.0001 | 0.0001 | 72.22 | 0.67 | 0.0925 | 0.0005 | 76.83 | 1.13 |