

Table S3. Re-Os isotopic data of molybdenites from the the Nianzigou Mo deposit.

Samples	Weight (g)	Re (ng.g <sup>-1</sup> )		Normal Os (ng.g <sup>-1</sup> )		<sup>187</sup> Re (ng.g <sup>-1</sup> )		<sup>187</sup> Os (ng.g <sup>-1</sup> )		Model age (Ma)	
		Concentration	± 2σ	Concentration	± 2σ	Concentration	± 2σ	Concentration	± 2σ	Concentration	± 2σ
N1-1	0.05119	24930	230	0.10160	0.01870	15669	144	40.37	0.29	154.4	2.4
N1-2	0.05146	20848	166	0.08884	0.02448	13104	105	33.37	0.20	152.7	2.1
N1-3	0.04951	11860	79	0.05500	0.01332	7454	49	19.14	0.14	153.9	2.1
N1-12	0.05149	22422	238	0.00056	0.04859	14092	149	36.55	0.27	155.5	2.5
N1-13	0.05047	13169	99	0.04787	0.00754	8277	62	21.27	0.13	154.1	2.1
N2-6	0.05062	7839	48	0.00536	0.01831	4927	30	12.62	0.09	153.5	2.1