

Table S1. Major element contents of quartz syenite and granite porphyry in the Shapinggou porphyry Mo deposit.

Sample No.	SiO ₂	Al ₂ O ₃	CaO	Na ₂ O	MgO	FeO	Fe ₂ O ₃	K ₂ O	TiO ₂	MnO	P ₂ O ₅	LOI	Total	AR	A/NK	A/CNK	DI	K-alteration Degree
	(wt. %)																	
Granite porphyry																		
ZK02-1098	71.76	14.22	0.93	4.00	0.03	0.54	0.32	6.92	0.03	0.03	0.01	0.82	99.95	3.24	1.01	0.90	97.24	intense
ZK02-1150	75.54	12.94	0.18	4.86	0.04	0.69	0.04	4.10	0.04	0.14	0.01	0.30	99.20	5.31	1.04	1.01	97.93	
ZK02-1185	75.42	13.30	0.18	5.23	0.04	0.40	0.29	4.17	0.04	0.03	0.01	0.25	99.86	5.61	1.01	0.99	98.72	
ZK02-685	82.95	7.74	0.15	1.02	0.01	0.32	0.22	5.17	0.06	0.01	0.01	0.65	99.40	8.28	1.06	1.02	98.70	
ZK52-600	80.49	9.45	0.27	5.22	0.11	0.46	0.24	6.23	0.09	0.06	0.02	0.94	99.69	4.7	1.37	1.28	96.39	
ZK02-2*	79.19	11.02	0.09	2.37	0.08	0.51	0.01	5.88	0.09	0.01	0.02	0.42	99.75	2.49	1.07	1.06	98.43	
ZK92-3*	77.08	11.84	0.10	2.46	0.15	0.38	1.00	5.39	0.09	0.01	0.03	1.10	99.64	2.4	1.20	1.17	97.05	
ZK92-4*	77.97	11.49	0.08	2.41	0.12	0.38	0.37	5.96	0.10	0.01	0.03	0.59	99.53	2.43	1.10	1.09	98.27	
ZK02-402	80.28	10.17	0.09	1.96	0.05	0.29	0.41	5.68	0.06	0.01	0.01	0.53	99.61	6.83	1.08	1.06	98.55	moderate
ZK52-735	85.52	6.84	0.07	1.18	0.01	0.36	0.02	4.40	0.03	0.01	0.01	0.28	99.67	9.39	1.02	1.00	99.20	
ZK52-851	77.94	10.78	0.33	2.24	0.14	0.40	0.26	5.89	0.14	0.02	0.03	0.71	99.88	6.46	1.07	1.01	97.56	
ZK02-1*	77.34	11.84	0.18	2.80	0.11	0.51	0.16	5.83	0.11	0.01	0.02	0.49	99.45	2.74	1.08	1.05	97.90	
ZK92-1*	76.90	11.81	0.12	2.75	0.13	0.38	1.02	5.30	0.08	0.02	0.03	1.02	99.59	2.71	1.15	1.13	97.29	
ZK92-2*	76.37	12.19	0.15	2.98	0.15	0.38	0.51	6.02	0.11	0.01	0.03	0.67	99.61	2.87	1.07	1.04	98.09	
ZK02-568	78.15	11.67	0.20	2.91	0.06	0.47	0.09	5.91	0.11	0.01	0.01	0.29	100.01	2.92	1.04	1.01	98.28	weak
ZK02-889	72.28	13.94	0.79	2.91	0.03	0.42	0.43	7.88	0.22	0.02	0.01	0.96	100.08	6.48	1.05	0.94	96.87	
ZK52-711	80.98	8.45	0.47	1.42	0.05	0.33	0.58	5.34	0.15	0.01	0.01	0.89	99.97	7.26	1.04	0.94	97.80	
ZK02-288*	76.32	11.97	0.54	3.96	0.11	0.37	0.81	4.37	0.06	0.02	0.02	1.34	100.03	4.45	1.06	0.98	96.74	

Quartz syenite

J03-1	67.05	16.41	1.16	4.93	0.67	1.18	1.22	5.48	0.39	0.13	0.17	0.90	100.00	3.91	1.17	1.02	89.22
ZK05-95	63.92	16.43	1.01	5.27	0.86	1.37	2.38	5.66	0.45	0.04	0.34	1.04	100.87	4.06	1.11	0.99	91.61
ZK501-540*	64.00	15.20	1.04	4.65	0.14	2.04	3.35	5.75	0.61	0.14	0.21	2.03	100.03	3.68	1.09	0.96	91.60
J01*	62.00	17.05	1.58	5.15	0.09	1.66	1.86	5.31	0.45	0.09	0.38	2.38	100.13	3.47	1.20	1.00	90.36
J03*	64.00	16.95	1.20	4.93	0.12	1.49	1.45	5.40	0.40	0.12	0.19	1.90	99.38	3.87	1.16	1.01	91.99
J10*	67.50	16.47	0.79	5.63	0.44	0.92	1.19	5.45	0.34	0.09	0.10	0.33	99.41	4.59	1.09	0.99	94.12
J11*	66.65	16.55	0.90	5.63	0.47	0.91	1.42	5.44	0.34	0.10	0.11	0.79	99.47	4.47	1.09	0.98	93.46
ZK501-1*	67.52	16.31	0.69	5.58	0.39	0.92	1.19	5.44	0.27	0.10	0.09	0.91	99.54	4.69	1.08	1.00	94.55

weak

* Data come from He et al. [1].

Table S2. Trace element contents of quartz syenite and granite porphyry.

Sample No.	Rb	Ba	Th	U	K	Nb	La	Ce	Sr	Nd	P	Zr	Hf	Sm	Ti	Y	Yb	Lu	Rb/Sr	K-alteration
	(ppm)																			Degree
Granite porphyry																				
ZK02-1098	877	25.1	28.2	39.9	57925	108	12.6	23.9	10.8	5.10	10	86.0	5.90	0.63	180	14.1	1.94	0.47	81.2	intense
ZK02-1150	1795	28.4	30.6	37.7	34400	144	28.0	51.2	5.30	10.0	10	100	11.3	1.47	240	19.2	4.53	0.95	339	
ZK02-1185	1230	45.0	31.3	40.3	34738	150	28.9	52.2	6.90	9.80	20	102	11.2	1.30	240	17.5	3.94	0.84	178	
ZK02-685	463	36.3	61.9	43.4	43443	201	25.5	47.7	16.6	9.80	20	144	12.1	1.12	360	6.80	1.70	0.42	27.9	
ZK52-600	560	186	37.2	8.01	52350	91.0	26.8	39.1	7.70	7.20	30	123	5.80	0.83	540	3.40	0.49	0.12	72.7	
ZK52-601	610	97.5	42.3	9.03	29464	86.9	25.0	36.2	2.20	6.60	40	113	5.40	0.68	600	2.10	0.51	0.13	277	
ZK02-2*	451	150	59.8	17.4	49121	113	48.5	68.6	27.0	12.3	60	137	6.50	1.38	544	6.40	1.10	0.21	16.7	
ZK92-3*	517	114	30.3	12.3	45388	130	21.6	30.4	16.8	5.90	90	136	7.30	0.80	548	5.90	1.11	0.23	30.8	
ZK92-4*	545	137	41.1	7.76	49985	125	53.2	76.3	17.6	14.6	100	138	7.50	1.74	606	7.70	1.23	0.23	31.0	
ZK02-402	513	102	37.1	10.3	47570	99.1	22.9	32.8	35.8	5.80	30	130	7.20	0.80	360	4.90	0.96	0.25	14.3	moderate
ZK52-735	368	16.9	25.9	20.8	36735	96.5	5.80	9.90	4.70	2.10	10	54.0	3.60	0.20	180	2.10	0.38	0.12	78.3	
ZK52-851	478	58.9	68.3	21.6	49284	93.3	36.6	58.6	17.4	12.2	120	175	7.80	1.44	840	7.60	1.43	0.32	27.5	
ZK92-1*	501	137	43.8	12.9	44617	140	38.6	54.9	24.2	10.3	90	148	7.90	1.27	487	7.90	1.38	0.29	20.7	
ZK92-2*	534	282	47.8	13.3	50488	118	42.4	64.3	30.6	13.7	130	179	7.70	1.76	667	9.00	1.58	0.29	17.5	
ZK02-568	457	176	59.7	14.7	49178	102	30.4	44.6	43.2	8.50	60	147	6.80	0.98	660	4.90	1.02	0.25	10.6	weak
ZK02-889	817	75.1	60.2	194	65968	476	16.0	35.1	22.5	8.70	20	277	18.5	1.18	1320	11.3	3.01	0.71	36.3	
ZK52-711	485	107	36.4	4.80	44722	91.0	11.7	17.3	12.7	3.40	20	158	5.70	0.42	900	2.80	0.41	0.10	38.2	
ZK02-288*	401	112	33.3	12.6	36743	123	33.9	52.1	67.4	9.80	60	128	8.00	1.27	360	11.3	1.76	0.39	5.95	

Quartz syenite																			
J03-1	341	1560	55.9	12.4	45885	72.5	114	175	324	52.1	1060	573	13.7	6.94	2462	22.5	2.92	0.49	1.05
ZK05-95	237	2610	87.5	16.2	47046	101	143	246	518	71.2	1440	661	16.2	10.0	2700	30.5	3.76	0.71	0.46
ZK501-540	346	804	200	24.1	48701	256	103	251	186	81.6	850	1100	26.9	14.5	3735	64.0	7.61	1.20	1.86
J01*	293	2690	83.4	14.4	45136	74.2	130	207	742	53.3	1500	684	14.3	7.73	2762	24.8	2.82	0.55	0.39
J03*	299	1755	55.6	11.4	45676	73.8	92.2	159	361	44.4	780	588	12.8	6.92	2462	21.5	2.51	0.47	0.83
J10*	212	848	116	24.9	45643	128	108	177	228	51.3	430	487	14.1	7.04	2059	27.4	3.73	0.61	0.93
J11*	215	813	117	26.0	45744	139	120	197	196	58.0	470	538	15.0	8.10	2067	30.3	4.06	0.64	1.10
J27*	682	2700	72.7	22.1	48060	94.3	132	216	746	55.9	1040	471	10.3	8.28	1680	27.8	3.39	0.58	0.91
ZK501-1*	257	693	121	22.6	45767	129	93.5	158	194	45.7	370	474	13.1	6.52	1643	29.0	3.55	0.56	1.33
ZK501-600*	338	766	130	27.0	49235	158	109	184	268	45.0	350	490	13.6	6.99	1721	31.2	3.87	0.66	1.26

weak

* Data come from He et al. [1].

Table S3. Rare earth element contents of quartz syenite and granite porphyry

Sample	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	ΣREE	LREE	HREE	LREE/ HREE	LaN/YbN	δ _{Eu}	δ _{Ce}
	(ppm)																					
Granite porphyry																						
ZK02-1185	28.9	52.2	3.98	9.80	1.30	0.11	1.14	0.27	1.62	0.47	1.79	0.49	3.94	0.84	17.5	106.9	96.3	10.56	9.12	5.26	0.27	1.04
ZK02-1098	12.6	23.9	1.84	5.10	0.63	0.07	0.70	0.14	0.98	0.29	1.06	0.23	1.94	0.47	14.1	49.95	44.1	5.81	7.60	4.66	0.32	1.08
ZK52-600	26.8	39.1	2.69	7.20	0.83	0.12	0.50	0.12	0.43	0.11	0.36	0.10	0.49	0.12	3.40	78.97	76.7	2.23	34.4	39.2	0.53	0.90
ZK02-685	25.5	47.7	3.72	9.80	1.12	0.10	0.87	0.17	0.95	0.25	0.96	0.19	1.70	0.42	6.80	93.45	87.9	5.51	16.0	10.8	0.30	1.06
ZK52-735	5.80	9.90	0.80	2.10	0.20	0.03	0.23	0.06	0.22	0.06	0.21	0.09	0.38	0.12	2.10	20.20	18.8	1.37	13.7	11.0	0.43	0.98
ZK02-889	16.0	35.1	3.04	8.70	1.18	0.16	0.93	0.18	1.06	0.31	1.33	0.36	3.01	0.71	11.3	72.07	64.2	7.89	8.13	3.81	0.45	1.15
ZK02-568	30.4	44.6	3.33	8.50	0.98	0.17	0.65	0.16	0.67	0.20	0.65	0.15	1.02	0.25	4.90	91.73	88.0	3.75	23.5	21.4	0.61	0.89
ZK52-711	11.7	17.3	1.19	3.40	0.42	0.08	0.24	0.07	0.31	0.10	0.27	0.05	0.41	0.10	2.80	35.64	34.1	1.55	22.0	20.5	0.70	0.91
ZK02-402	22.9	32.8	2.33	5.80	0.80	0.07	0.60	0.14	0.65	0.19	0.54	0.16	0.96	0.25	4.90	68.19	64.7	3.49	18.5	17.1	0.30	0.88
ZK02-2	48.5	68.6	5.17	12.3	1.38	0.17	0.92	0.13	0.82	0.19	0.64	0.13	1.10	0.21	6.40	140.3	136	4.14	32.9	31.6	0.43	0.87
ZK02-1150	28.0	51.2	4.00	10.0	1.47	0.13	1.29	0.30	1.73	0.56	1.93	0.53	4.53	0.95	19.2	106.6	94.8	11.82	8.02	4.43	0.28	1.04
ZK52-601	25.0	36.2	2.45	6.60	0.68	0.14	0.41	0.08	0.33	0.06	0.23	0.06	0.51	0.13	2.10	72.88	71.1	1.81	39.3	35.2	0.75	0.90
ZK52-851	36.6	58.6	4.49	12.2	1.44	0.17	1.02	0.18	0.95	0.25	0.80	0.17	1.43	0.32	7.6	118.6	114	5.12	22.2	18.4	0.41	0.95
ZK92-3*	21.6	30.4	2.29	5.90	0.80	0.14	0.66	0.10	0.67	0.16	0.57	0.13	1.11	0.23	5.90	64.76	61.1	3.63	16.8	14.0	0.57	0.86
ZK92-2*	42.4	64.3	5.19	13.7	1.76	0.27	1.30	0.20	1.12	0.26	0.87	0.17	1.58	0.29	9.00	133.4	128	5.79	22.0	19.3	0.52	0.90
ZK02-288*	33.9	52.1	3.86	9.80	1.27	0.20	1.10	0.21	1.19	0.35	1.13	0.23	1.76	0.39	11.3	107.5	101	6.36	15.9	13.8	0.51	0.93
ZK02-1*	57.4	78.9	5.93	13.9	1.54	0.19	0.99	0.15	0.91	0.22	0.78	0.16	1.29	0.25	7.40	162.6	158	4.75	33.2	31.9	0.44	0.85
ZK92-1*	38.6	54.9	4.06	10.3	1.27	0.22	1.03	0.17	0.94	0.22	0.78	0.16	1.38	0.29	7.90	114.3	109	4.97	22.0	20.1	0.57	0.87
ZK92-4*	53.2	76.3	5.68	14.6	1.74	0.23	1.31	0.18	1.05	0.23	0.73	0.14	1.23	0.23	7.70	156.9	152	5.10	29.8	31.0	0.45	0.88

Quartz syenite

J03-1	114	175	16.6	52.1	6.94	1.41	4.89	0.71	3.76	0.77	2.32	0.36	2.92	0.49	22.5	381.22	365	16.22	22.5	27.88	0.70	0.87
ZK05-95	143	246	21.9	71.2	10.0	1.92	6.68	1.05	5.55	1.17	3.38	0.54	3.76	0.71	30.5	516.36	494	22.84	21.6	27.18	0.68	0.97
ZK501-540	103	251	27.0	81.6	14.5	1.59	10.30	1.73	9.63	2.15	6.72	1.08	7.61	1.20	64.0	519.11	479	40.42	11.8	9.71	0.38	1.14
ZK52-197	54.4	98.5	9.08	30.8	5.25	0.51	4.23	0.74	4.62	0.95	2.79	0.45	2.43	0.37	26.7	215.12	1989	16.58	12.0	16.06	0.32	0.99
ZK52-3	143	253	21.7	66.7	9.15	0.91	5.82	1.03	6.08	1.38	4.09	0.74	4.95	0.89	36.5	519.44	494	24.98	19.8	20.72	0.36	0.99
J01*	130	207	18.9	53.3	7.73	1.80	5.31	0.79	3.88	0.83	2.39	0.39	2.82	0.55	24.8	435.69	419	16.96	24.7	33.07	0.81	0.91
J03*	92.2	159	15.4	44.4	6.92	1.55	4.62	0.64	3.47	0.69	2.19	0.37	2.51	0.47	21.5	334.43	319	14.96	21.4	26.35	0.79	0.94
J10*	108	177	16.8	51.3	7.04	1.04	4.92	0.74	4.49	0.94	2.83	0.47	3.73	0.61	27.4	379.36	361	18.73	19.3	20.67	0.51	0.92
J11*	120	197	18.9	58.0	8.10	1.10	5.59	0.87	4.93	1.03	3.22	0.51	4.06	0.64	30.3	423.4	403	20.85	19.3	21.11	0.47	0.92
J27*	132	216	19.6	55.9	8.28	1.72	5.50	0.85	4.54	0.95	2.90	0.46	3.39	0.58	27.8	452.17	433	19.17	22.6	27.82	0.73	0.93
ZK501-1*	93.5	158	14.8	45.7	6.52	0.95	4.83	0.76	4.42	0.92	2.81	0.49	3.55	0.56	29.0	337.26	319	18.34	17.4	18.89	0.50	0.94
ZK501-600*	109	184	16.5	45.0	6.99	1.00	4.73	0.80	4.61	1.00	3.22	0.56	3.87	0.66	31.2	381.44	362	19.45	18.6	20.11	0.50	0.95

* Data come from He et al. [1].

Table S4. Whole rock Sr-Nd isotopic composition of quartz syenite and granite porphyry.

Sample	Rb	Sr	$(^{87}\text{Rb}/^{86}\text{Sr})_{\text{m}}$	$(^{87}\text{Sr}/^{86}\text{Sr})_{\text{m}}$	$(^{87}\text{Sr}/^{86}\text{Sr})_{\text{t}}$	Sm	Nd	$(^{147}\text{Sm}/^{144}\text{Nd})_{\text{m}}$	$(^{143}\text{Nd}/^{144}\text{Nd})_{\text{m}}$	$(^{143}\text{Nd}/^{144}\text{Nd})_{\text{t}}$	$\epsilon_{\text{Nd}}(\text{t})$	T _{DM2}	K-alteration
	(ppm)					(ppm)						(Ma)	Degree
Granite porphyry (114 Ma)													
ZK02-1098	877	10.8	229	0.972013	0.6004	0.63	5.1	0.0784	0.511862	0.511804	-13.4	2005	intense
ZK02-1185	1230	6.9	504	1.321131	0.5054	1.30	9.8	0.0842	0.511833	0.511770	-14.1	2057	
ZK02-685	463	16.6	78.8	0.820267	0.6926	1.12	9.8	0.0725	0.511836	0.511782	-13.8	2040	
ZK52-600	560	7.7	205	1.016556	0.6838	0.83	7.2	0.0731	0.511859	0.511804	-13.4	2003	
ZK92-3*	517	16.8	86.9	0.833675	0.6929	0.80	5.9	0.0860	0.511876	0.511812	-13.3	1992	
ZK02-402	513	35.8	40.5	0.768102	0.7014	0.80	5.8	0.0875	0.511803	0.511737	-14.7	2108	moderate
ZK52-735*	368	4.7	221	1.062234	0.7039	0.20	2.1	0.0604	0.511795	0.511750	-14.5	2091	
ZK92-2*	534	30.6	49.3	0.779802	0.6999	1.76	13.7	0.0815	0.511826	0.511765	-14.2	2065	
ZK02-568	457	43.2	29.9	0.755759	0.7074	0.98	8.5	0.0731	0.511826	0.511771	-14.1	2056	weak
ZK02-889	817	22.5	103	0.872300	0.7061	1.18	8.7	0.0861	0.511844	0.511780	-13.9	2042	
ZK52-711	485	12.7	108	0.884141	0.7094	0.42	3.4	0.0784	0.511792	0.511734	-14.8	2116	
ZK02-288*	401	67.4	16.8	0.734581	0.7074	1.27	9.8	0.0822	0.511860	0.511799	-13.5	2012	
Quartz syenite (116 Ma)													
J03-1	341	324	2.34	0.712808	0.7090	6.94	52.1	0.0989	0.511854	0.511779	-13.9	2040	weak
J27	682	746	2.58	0.712158	0.7079	8.28	55.9	0.0886	0.511886	0.511794	-13.2	1983	
ZK05-95	237	518	1.29	0.710213	0.7081	10.0	71.2	0.0891	0.511899	0.511831	-12.8	1957	
J03*	299	361	2.34	0.711583	0.7077	6.92	44.4	0.0989	0.511854	0.511779	-13.9	2040	
J11*	215	196	3.11	0.712799	0.7077	8.10	58.0	0.0989	0.511861	0.511779	-13.6	2017	
ZK501-1*	257	194	3.75	0.713900	0.7077	6.52	45.7	0.0940	0.511891	0.511815	-13.0	1971	

* Data come from He et al. [1].

Table S5. Trace element contents and Sr isotopic composition of minerals from quartz syenite and granite porphyry.

Sample	Mineral	Rb	Ba	Th	U	Nb	La	Ce	Sr	Nd	Zr	Hf	Sm	Y	Yb	Lu	⁸⁷ Rb/ ⁸⁶ Sr	⁸⁷ Sr/ ⁸⁶ Sr	2σ _m	(⁸⁷Sr/⁸⁶Sr) _t	K-alteration Degree
		(ppm)																			
Quartz syenite																					
J10	Ap	231	26.5	243	27.6	33.1	3408	6406	391	2263	1026	24.9	282	849	84.4	14.0	1.71	0.710925	15	0.7081	weak
	Bi	1582	3740	14.2	13.3	186	45.7	71.5	24.7	15.5	102	2.93	1.85	5.35	0.82	0.16	13.2	0.730017	15	0.7083	
	Kfs	403	547	1.30	1.04	5.25	5.97	8.57	104	1.50	19.5	0.61	0.16	0.38	0.08	0.02	11.3	0.722969	13	0.7044	
	Pl	266	509	1.96	1.34	7.64	8.48	12.3	124	2.14	30.1	1.17	0.25	0.66	0.13	0.04	6.24	0.716912	15	0.7066	
	Qtz	3.47	5.47	1.91	1.44	4.03	12.0	23.0	7.68	5.73	41.6	1.16	0.75	2.19	0.30	0.06	1.58	0.710590	13	0.7080	
Granite porphyry																					
ZK02-288	Kfs	854	2478	1.52	0.71	4.37	2.32	5.58	232	2.06	23.3	0.69	0.45	1.02	0.15	0.02	10.7	0.721633	16	0.7044	weak
	Pl	543	1924	3.92	1.19	6.30	8.46	21.1	335	7.84	49.4	1.35	1.51	3.10	0.44	0.07	4.70	0.715254	18	0.7076	
	Qtz	16.7	33.8	1.50	0.38	1.95	5.01	9.61	24.8	2.85	12.1	0.34	0.46	1.18	0.13	0.02	1.87	0.711408	15	0.7084	
ZK02-402	Kfs	1009	337	2.23	1.39	13.3	0.93	1.62	20.9	0.30	22.9	1.07	0.05	0.23	0.07	0.01	185	0.789201	14	0.4895	moderate
	Pl	677	216	9.47	2.92	25.5	3.13	6.25	24.8	1.17	64.8	2.79	0.17	0.84	0.28	0.06	541	0.759770	17	-0.1170	
	Qtz	13.6	3.07	3.47	0.63	4.57	3.76	6.28	1.78	1.08	7.46	0.32	0.14	0.76	0.11	0.02	19.5	0.731097	16	0.6995	
ZK02-1098	Bi	10927	38.4	73.5	144	1077	77.9	153	3.61	33.0	208	20.3	5.01	38.0	11.8	2.25	14642	6.279480	220	-17.442	intense
	Kfs	3695	60.9	0.68	2.81	11.5	0.16	0.32	6.12	0.07	10.9	0.82	0.02	0.17	0.08	0.02	8199	1.349507	49	-11.934	
	Pl	1472	33.3	3.58	7.78	25.9	0.77	1.86	11.6	0.42	32.5	2.41	0.06	0.46	0.31	0.07	3341	0.987474	19	-4.4253	
	Qtz	8.93	0.89	4.14	3.15	9.66	1.16	2.23	1.49	0.38	9.46	0.66	0.05	0.55	0.20	0.04	15.6	0.723829	18	0.6986	

Mineral abbreviations: Ap, apatite; Bi, biotite; Kfs, K-feldspar; Qtz, quartz; Pl, plagioclase

1. He, J.; Xu, X.C.; Wang, P.; Fan, Z.L.; Fu, Z.Y.; Wang, B.H.; Zhuang, H.D.; Xie, Q.Q. Potassic metasomatism of ore-bearing igneous rocks and response from trace elements and Sr-Nd isotopes in Shapinggou porphyry Mo deposit, Anhui Province. *Miner. Depos.* **2018**, *37*, 611–629 (in Chinese with English abstract).