

Geochronology and Geochemistry of Ore-Hosting Rhyolitic Tuff in the Kengdenongshe Polymetallic Deposit in the Eastern Segment of the East Kunlun Orogen

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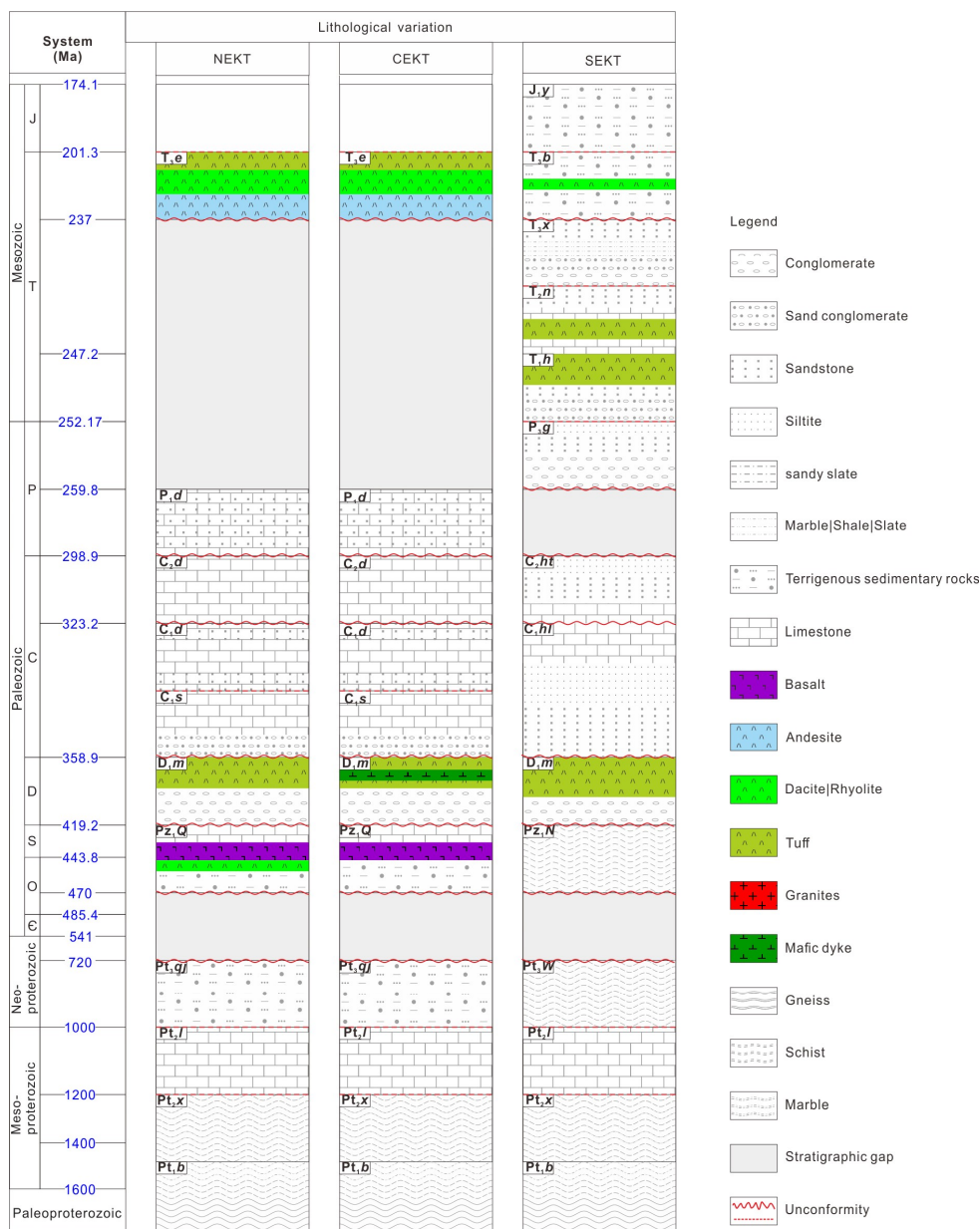


Figure S1. The main sedimentary sequences of the EKOB (Modified from [89,90]).

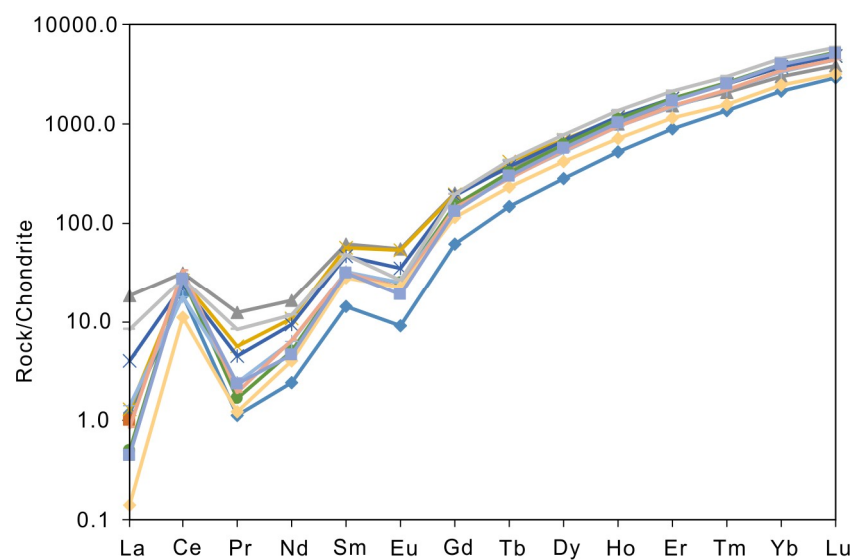


Figure S2. The chondrite-normalized REE patterns for zircons.

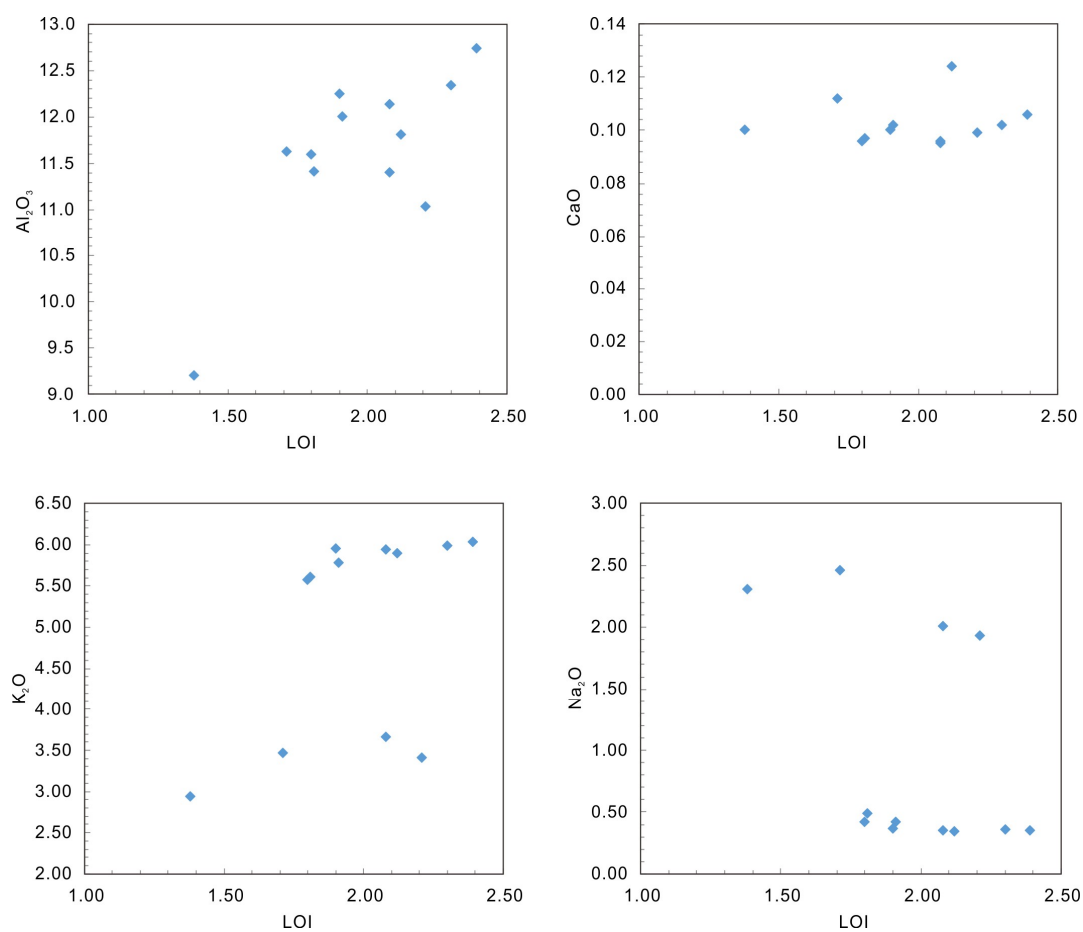


Figure S3. Plots of LOI versus Al_2O_3 , CaO, Na_2O and K_2O .

Table S1. Zircon trace element data of the Kendenongshe rhyolitic tuff.

Element	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Y	Ta	P	Ti
KDNS-2-2-01	0.28	11.3	0.11	1.14	2.21	0.53	12.8	5.5	72	30.0	148	34.7	367	74	10047	920	1.32	279	2.77
KDNS-2-2-13	4.35	19.1	1.17	7.69	9.42	3.23	41.3	13.7	155	57.3	251	52.8	515	99	7620	1855	1.01	456	5.66
KDNS-2-2-18	0.31	16.3	0.53	5.05	8.81	3.12	40.7	15.8	178	65.6	299	64.8	652	124	8059	1930	1.29	499	12.02
KDNS-2-2-19	0.95	14.6	0.42	4.41	7.15	2.06	39.3	14.1	173	67.0	303	65.1	648	125	6553	1989	0.58	586	12.99
KDNS-2-2-22	0.12	16.7	0.16	2.33	4.83	1.47	31.4	12.3	157	63.3	300	66.5	685	134	7382	1937	0.80	336	7.54
KDNS-2-1-03	0.34	11.0	0.23	2.94	4.89	1.46	28.8	11.0	134	53.1	250	55.7	574	113	8042	1609	0.76	478	4.70
KDNS-2-1-15	0.21	20.5	0.18	3.07	4.77	1.31	29.7	10.7	136	54.1	254	56.1	585	115	8816	1669	1.13	374	4.07
KDNS-2-1-16	2.01	16.9	0.79	5.46	7.44	1.52	39.8	16.1	199	77.4	356	78.1	783	149	9662	2353	1.57	690	9.32
KDNS-2-1-17	0.03	6.8	0.12	1.86	4.26	1.31	23.6	8.8	106	41.0	190	40.8	418	80	6410	1258	0.45	269	7.68
KDNS-2-1-20	0.11	16.9	0.22	2.16	4.77	1.10	27.0	11.2	144	58.9	286	64.3	674	131	9462	1810	2.25	564	4.69