

Table 4 Zircon Lu–Hf isotope data of Lengjimanda plate of the Longjiang Formation  
volcanic rocks

Sample	$^{176}\text{Hf}/^{177}\text{Hf}$	$2\sigma$	$^{176}\text{Lu}/^{177}\text{Hf}$	$1\sigma$	$^{176}\text{Yb}/^{177}\text{Hf}$	$1\sigma$	Age(Ma)	$\varepsilon_{\text{Hf}}(0)$	$\varepsilon_{\text{Hf}}(t)$	$t_{\text{DM1}}(\text{Ma})$	$t_{\text{DM2}}(\text{Ma})$	$f_{\text{Lu/Hf}}$
TWG01-2	0.283935	0.000043	0.003236	0.000004	0.076078	0.000195	126	41.3	43.77	1059	1305	-0.90
TWG01-3	0.282729	0.000039	0.001760	0.000018	0.041094	0.000427	130	-1.4	1.31	751	911	-0.95
TWG01-4	0.282749	0.000049	0.001616	0.000012	0.037553	0.000303	129	-0.7	2.01	719	874	-0.95
TWG01-5	0.282444	0.000034	0.002004	0.000044	0.046304	0.001074	132	-11.5	-8.76	1168	1427	-0.94
TWG01-6	0.282819	0.000045	0.001756	0.000009	0.040134	0.000245	135	1.8	4.60	621	746	-0.95
TWG01-8	0.282862	0.000038	0.001333	0.000012	0.029231	0.000249	130	3.3	6.03	553	668	-0.96
TWG01-10	0.282806	0.000038	0.000989	0.000026	0.021776	0.000614	129	1.3	4.08	627	768	-0.97
TWG01-11	0.282852	0.000041	0.001193	0.000008	0.027001	0.000203	127	2.9	5.63	565	687	-0.96
TWG01-16	0.282868	0.000033	0.000959	0.000016	0.021678	0.000368	130	3.5	6.30	538	655	-0.97