Appendix：

Table A. Geographical, lithological and stratigraphic information for analyzed samples from the Zhongtiao Group

Sample	lithology	Unit	Latitude	Longitude
05YQ04-1	feldspathic quartzite	Jiepailiang Formation	N35°16′25″	E111°32′43″
05YQ07-1	feldspathic quartzite	Jiepailiang Formation	N35°16′25″	E111°32′43″
05ZY01-1	feldspathic quartzite	Jiepailiang Formation	N35°19′45″	E111°35′35″
05ZY03-1	staurolite sericite schist	Bizigou Formation	N35°18′42″	E111°36′11″
05ZY04-4	staurolite sericite schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZY04-5	garnet sericite schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZY05-1	sericite quartz schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZT07-1	garnet sericite schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZT07-2	garnet sericite schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZT07-3	sericite schist	Bizigou Formation	N35°18′47″	E111°35′58″
05ZT08-1	garnet sericite schist	Bizigou Formation	N35°18′42″	E111°36′11″
05ZT08-3	staurolite sericite schist	Bizigou Formation	N35°18′42″	E111°36′11″
05SJ08-1	feldspathic quartzite	Bizigou Formation	N35°07′59″	E111°27′41″
05SJ08-2	feldspathic quartzite	Bizigou Formation	N35°07′59″	E111°27′41″
05SJ08-5	garnet sericite schist	Bizigou Formation	N35°07′38″	E111°27′14″
05ZT60-1	feldspathic quartzite	Bizigou Formation	N35°07′59″	E111°27′41″
05ZT60-4	garnet sericite quartz schist	Bizigou Formation	N35°07′59″	E111°27′41″
05ZT61-1	garnet sericite quartz schist	Bizigou Formation	N35°07′38″	E111°27′14″

Table B. Major and trace element data for metasedimentary rocks from the Zhongtiao Group

Sample	05YQ04-1	05YQ07-1	05ZY01-1	05ZY03-1	05ZY04-4	05ZY04-5	05ZY05-1	05ZT07-1	05ZT07-2
SiO_2	79.0	79.4	79.3	53.1	56.2	55.6	55.7	53.8	47.5
TiO_2	0.32	0.19	0.32	1.44	1.50	1.54	1.45	1.22	1.46
Al_2O_3	10.47	10.01	10.09	17.21	19.05	17.04	18.97	17.06	16.12
Fe_2O_3*	1.75	1.27	2.22	16.35	12.25	16.49	11.54	19.75	22.07
MnO	0.00	0.01	0.00	0.08	0.05	0.19	0.03	0.26	0.24
MgO	0.38	0.35	0.45	3.30	2.27	1.49	2.34	1.80	2.79
CaO	0.19	0.47	0.19	0.79	0.49	2.09	0.46	0.80	4.35
Na_2O	0.01	0.90	0.11	0.93	0.70	2.63	0.30	0.65	0.69
K_2O	6.87	6.65	6.16	3.91	5.13	2.34	5.67	3.14	2.41
P_2O_5	0.04	0.05	0.05	0.07	0.07	0.14	0.07	0.12	0.10
LOI	0.93	0.72	1.12	2.77	2.08	0.50	3.26	0.86	1.82
Total	99.96	100.02	100.01	99.95	99.79	100.05	99.79	99.46	99.54
Rb	117	91	142	94	135	147	115	72	74
Sr	42	25	12.60	43	38	29	27	25	48
Ba	2086	619	1079	545	731	776	837	461	126
Cs	0.69	0.38	1.05	2.69	4.25	2.81	2.58	2.52	1.07
Th	6.58	3.95	5.24	8.40	8.71	13.20	9.21	9.54	8.97
U	1.11	0.54	1.20	1.41	1.56	2.57	1.67	1.89	1.84
Co	0.83	1.14	0.81	34.60	31.70	42.70	27.60	46.50	66.70
Ni	3.54	4.91	2.51	52.70	47.40	33.60	37.80	27.10	53.50
V	29	23	39	147	186	181	185	181	202
Cr	12.30	7.40	11.50	66	68	59	67	37	50
Sc	1.94	1.55	2.65	37	44	43	41	48	32
Zr	290	377	353	201	224	231	235	264	278
Hf	8.24	9.80	8.59	5.37	5.98	5.97	6.42	6.91	7.37
Nb	6.68	3.67	5.10	11.60	12.40	21.40	13.40	14.20	16.60
Ta	0.98	0.42	0.59	0.89	0.97	1.60	1.03	1.08	1.20
Y	9.18	7.13	11.90	26.00	24.90	58.00	24.80	62.00	54.80
La	5.25	6.61	5.76	28.80	18.00	57.40	19.90	37.70	26.80
Ce	10.10	13.43	11.40	52.70	36.30	125.00	40.00	78.80	57.70
Pr	1.26	1.50	1.42	6.71	4.46	14.30	4.67	9.21	7.16
Nd	4.54	5.21	5.42	26.80	17.80	58.60	18.00	39.10	31.20
Sm	0.89	0.83	1.08	5.36	3.60	12.40	3.53	8.19	7.61
Eu	0.40	0.37	0.38	1.46	1.06	3.25	1.04	2.04	2.00
Gd	1.21	1.19	1.45	5.12	3.92	12.90	3.72	9.01	9.03
Tb	0.23	0.21	0.27	0.80	0.71	2.05	0.70	1.64	1.62
Dy	1.40	1.35	1.70	4.66	4.33	11.30	4.48	10.30	9.65
Ho	0.32	0.31	0.40	0.95	0.92	2.17	0.99	2.19	1.97
Er	0.93	0.92	1.22	2.63	2.65	5.94	2.87	6.34	5.46
Tm	0.17	0.16	0.22	0.41	0.43	0.89	0.46	0.97	0.83
Yb	1.07	0.97	1.38	2.44	2.67	5.70	2.93	5.97	5.18
Lu	0.18	0.17	0.23	0.35	0.38	0.82	0.43	0.87	0.74
Eu/Eu*	1.18	1.14	0.93	0.85	0.86	0.79	0.88	0.73	0.74

(Continued)

Sample	05ZT07-3	05ZT08-1	05ZT08-3	05SJ08-1	05SJ08-2	05SJ08-5	05ZT60-1	05ZT60-4	05ZT61-1
SiO_2	54.3	56.5	55.6	78.5	74.1	62.6	75.9	64.4	68.2
TiO_2	1.37	1.24	1.46	0.31	0.26	1.07	0.20	1.08	0.92
Al_2O_3	18.58	14.84	17.77	14.21	16.64	18.31	13.00	17.37	15.55
Fe_2O_3*	12.88	16.84	13.46	0.36	2.05	10.19	2.15	7.02	7.47
MnO	0.10	0.34	0.04	0.00	0.01	0.15	0.03	0.08	0.12
MgO	2.33	2.18	2.11	0.02	0.93	1.34	0.61	1.12	1.27
CaO	0.56	2.00	0.28	0.51	0.44	0.51	0.33	1.24	0.34
Na_2O	0.62	1.74	0.68	1.87	0.73	0.39	3.33	1.87	0.62
K_2O	5.25	2.58	5.09	3.69	3.02	3.44	3.09	3.82	3.21
P_2O_5	0.08	0.09	0.07	0.01	0.04	0.05	0.02	0.05	0.07
LOI	3.75	1.66	3.24	0.78	1.78	1.96	1.36	2.00	2.22
Total	99.82	100.01	99.80	100.26	100.00	100.01	100.02	100.05	99.99
Rb	107	33	99	51	93	73	83	107	69
Sr	35	147	32	62	64	98	57	71	92
Ba	979	224	727	445	1025	628	627	650	610
Cs	2.53	1.12	2.93	1.01	1.34	0.66	1.69	1.78	0.53
Th	8.75	10.60	7.44	19.30	19.20	15.10	19.80	13.40	12.50
U	1.37	1.86	1.33	3.34	2.10	2.60	2.68	1.35	2.24
Co	36.70	52.90	27.30	1.20	9.34	16.20	2.61	19.50	16.20
Ni	43.40	30.00	40.50	1.83	14.90	27.20	5.52	36.60	32.60
V	175	126	185	4	55	109	11	117	100
Cr	62	32	62	2.53	27	99	11.00	98	78
Sc	44	31	41	7.05	8.88	20	19.16	17.70	16.20
Zr	207	285	203	113	137	248	142	208	193
Hf	5.69	7.83	5.50	4.17	3.98	6.76	4.61	5.86	5.39
Nb	11.60	17.10	10.60	14.00	11.10	14.10	12.90	13.10	11.10
Ta	0.88	1.26	0.81	1.08	1.15	1.30	1.23	1.14	1.00
Y	28.70	64.50	22.20	25.60	22.50	36.50	23.90	24.40	28.80
La	30.00	42.30	19.00	24.70	32.00	39.00	31.80	30.10	37.40
Ce	60.10	90.50	35.20	52.90	60.70	73.30	62.70	61.40	72.30
Pr	7.09	10.50	4.71	6.78	6.59	8.39	8.12	6.39	8.05
Nd	27.90	44.10	18.80	27.90	24.10	32.50	31.80	25.20	31.20
Sm	4.99	9.09	3.89	6.72	4.18	5.99	6.18	4.95	5.62
Eu	1.29	2.15	1.22	1.56	0.75	1.40	0.74	1.28	1.29
Gd	5.21	9.53	4.17	5.67	3.59	5.83	5.10	4.53	5.24
Tb	0.90	1.67	0.72	0.86	0.59	1.02	0.76	0.72	0.84
Dy	5.44	10.70	4.26	4.40	3.42	5.90	4.06	4.24	4.77
Ho	1.13	2.36	0.88	0.95	0.75	1.28	0.85	0.94	1.03
Er	3.16	6.98	2.40	2.75	2.26	3.70	2.52	2.81	2.94
Tm	0.49	1.13	0.38	0.45	0.37	0.60	0.42	0.45	0.46
Yb	2.96	7.22	2.34	2.89	2.25	3.85	2.70	2.80	2.85
Lu	0.42	1.06	0.35	0.42	0.34	0.56	0.40	0.42	0.41
Eu/Eu*	0.77	0.71	0.93	0.77	0.59	0.72	0.40	0.83	0.73

Note: major elements in wt%; total Fe as Fe_2O_3*; trace and rare earth elements in ppm; REE chondrite-normalizing values are after Taylor and McLennan (1985);

$Eu/Eu^* = (Eu)_n/((Sm)_n \times (Gd)_n)^{1/2}$ (McLennan, 1989).

Table C. Sm–Nd isotopic data for selected metasedimentary rock samples from the Zhongtiao Group

Sample	Sm (ppm)	Nd (ppm)	$^{147}Sm/^{144}Nd$	$^{143}Nd/^{144}Nd$	2σ	$f_{Sm/Nd}$	$\varepsilon_{Nd}(0)$	$\varepsilon_{Nd}(t)$	T_{DM}(Ma)
5YQ04-1	0.99	5.11	0.1174	0.511399	9	-0.40	-24.2	-2.79	2755
5YQ07-1	2.97	18.34	0.0980	0.511122	7	-0.50	-29.6	-2.95	2656
5ZY01-1	1.21	6.07	0.1209	0.511392	8	-0.39	-24.3	-3.89	2870
5ZY03-1	5.80	27.85	0.1260	0.511543	6	-0.36	-21.4	-2.30	2776
5ZY04-4	3.69	17.19	0.1300	0.511428	4	-0.34	-23.6	-5.66	3116
5ZY04-5	12.97	61.04	0.1286	0.511682	5	-0.35	-18.6	-0.27	2614
5ZY05-1	10.32	52.97	0.1180	0.511208	6	-0.40	-27.9	-6.69	3071
5ZT07-1	8.69	41.36	0.1272	0.511580	5	-0.35	-20.6	-1.92	2752
5ZT07-2	7.77	30.86	0.1523	0.511938	6	-0.23	-13.7	-1.70	2992
5ZT07-3	5.41	28.26	0.1160	0.511430	6	-0.41	-23.6	-1.80	2668
5ZT08-1	11.01	50.92	0.1309	0.511712	5	-0.33	-18.1	-0.32	2633
5SJ08-1	7.89	33.20	0.1439	0.511866	6	-0.27	-15.1	-0.83	2788
5SJ08-2	4.53	25.59	0.1071	0.511223	9	-0.46	-27.6	-3.44	2739
5SJ08-5	6.42	33.71	0.1154	0.511265	6	-0.41	-26.8	-4.88	2904
5ZT60-1	6.97	33.86	0.1247	0.511525	7	-0.37	-21.7	-2.29	2766
5ZT60-4	5.24	26.13	0.1214	0.511268	9	-0.38	-26.7	-6.45	3087
5ZT61-1	6.12	32.57	0.1138	0.511278	4	-0.42	-26.5	-4.17	2837

Note: $\varepsilon_{Nd} = [(^{143}Nd/^{144}Nd)_S/(^{143}Nd/^{144}Nd)_{CHUR} - 1]\cdot 10000$;

$f_{Sm/Nd} = [(^{147}Sm/^{144}Nd)_S/(^{147}Sm/^{144}Nd)_{CHUR}] - 1$;

$(^{143}Nd/^{144}Nd)_{CHUR} = 0.512638$ and $(^{147}Sm/^{144}Nd)_{CHUR} = 0.1967$;

$T_{DM} = 1/\lambda\cdot\ln\{1 + [(^{143}Nd/^{144}Nd)_S - 0.51315]/[(^{147}Sm/^{144}Nd)_S - 0.2137]\}$,

where S = sample, t = 2.1 Ga, $\lambda = 6.54\times10^{-12}yr^{-1}$.

Table D. LA–ICP–MS zircon U–Th–Pb analyses of metasedimentary rock sample 05YQ04-1 from the Jiepailiang Formation

		Ratio						Error	Age (Ma)						
Spot	**Th/U**	**$^{207}Pb/^{206}Pb$**	**1σ**	**$^{207}Pb/^{235}U$**	**1σ**	**$^{206}Pb/^{238}U$**	**1σ**	**Correlati**	**$^{207}Pb/^{206}Pb$**	**1σ**	**$^{207}Pb/^{235}U$**	**1σ**	**$^{206}Pb/^{238}U$**	**1σ**	**Disc (%)**
1.1	0.66	0.17684	0.0023	12.32658	0.1292	0.50551	0.0038	0.72	2624	22	2630	10	2637	16	-0.5
2.1	0.36	0.17611	0.0019	12.24451	0.0827	0.50424	0.0028	0.83	2617	18	2623	6	2632	12	-0.6
3.1	0.87	0.19495	0.0022	14.53454	0.1112	0.54070	0.0034	0.81	2784	19	2785	7	2786	14	-0.1
4.1	0.51	0.13255	0.0026	7.29013	0.1325	0.39889	0.0042	0.57	2132	34	2148	16	2164	19	-1.5
5.1	0.40	0.16185	0.0019	10.49367	0.0805	0.47023	0.0028	0.78	2475	19	2479	7	2485	12	-0.4
6.1	0.43	0.16629	0.0020	10.97127	0.0881	0.47852	0.0030	0.77	2521	20	2521	7	2521	13	0.0
7.1	0.47	0.17860	0.0022	12.22040	0.1123	0.49626	0.0034	0.75	2640	20	2622	9	2598	15	1.6
8.1	0.39	0.17808	0.0031	11.99830	0.1932	0.48867	0.0052	0.66	2635	29	2604	15	2565	23	2.7
9.1	0.56	0.16821	0.0022	11.04671	0.1130	0.47633	0.0035	0.71	2540	22	2527	10	2511	15	1.1
10.1	0.49	0.17598	0.0024	11.54171	0.1260	0.47570	0.0037	0.71	2615	22	2568	10	2509	16	4.1
11.1	0.74	0.17137	0.0028	11.63116	0.1666	0.49229	0.0047	0.67	2571	27	2575	13	2581	20	-0.4
12.1	0.65	0.16746	0.0020	10.45487	0.0873	0.45282	0.0029	0.75	2533	20	2476	8	2408	13	4.9
13.1	0.60	0.17012	0.0023	11.17930	0.1251	0.47663	0.0037	0.69	2559	23	2538	10	2513	16	1.8
14.1	0.88	0.15926	0.0017	7.19229	0.0448	0.32755	0.0017	0.84	2448	18	2136	6	1827	8	25.4
15.1	0.80	0.16732	0.0020	10.82365	0.0918	0.46921	0.0030	0.75	2531	20	2508	8	2480	13	2.0
16.1	0.58	0.17808	0.0021	12.06311	0.1020	0.49136	0.0032	0.77	2635	20	2609	8	2577	14	2.2
17.1	0.61	0.17775	0.0021	12.04083	0.0951	0.49137	0.0030	0.78	2632	19	2608	7	2577	13	2.1
18.1	0.89	0.18325	0.0023	12.61236	0.1221	0.49925	0.0036	0.74	2683	21	2651	9	2611	15	2.7
19.1	0.64	0.17428	0.0021	10.42002	0.0855	0.43370	0.0027	0.76	2599	20	2473	8	2322	12	10.6
20.1	1.34	0.17028	0.0019	10.78489	0.0710	0.45944	0.0025	0.83	2560	18	2505	6	2437	11	4.8
21.1	0.73	0.16741	0.0022	11.38164	0.1214	0.49317	0.0037	0.71	2532	22	2555	10	2584	16	-2.1

（Continued）

22.1	0.50	0.19156	0.0023	12.06465	0.1055	0.45686	0.0030	0.76	2756	20	2609	8	2426	13	12.0
23.1	1.31	0.17933	0.0021	11.51111	0.0959	0.46562	0.0030	0.77	2647	20	2566	8	2464	13	6.9
24.1	0.80	0.16532	0.0025	11.02789	0.1402	0.48388	0.0042	0.68	2511	25	2526	12	2544	18	-1.3
25.1	0.49	0.16810	0.0021	11.31380	0.1012	0.48824	0.0032	0.74	2539	20	2549	8	2563	14	-1.0
26.1	0.67	0.16876	0.0021	11.14854	0.1025	0.47923	0.0032	0.74	2545	21	2536	9	2524	14	0.8
27.1	1.10	0.16583	0.0022	10.86601	0.1101	0.47533	0.0034	0.71	2516	22	2512	9	2507	15	0.4
28.1	0.78	0.16981	0.0021	10.89620	0.0942	0.46548	0.0030	0.75	2556	20	2514	8	2464	13	3.6
29.1	0.55	0.16819	0.0020	10.23386	0.0808	0.44139	0.0027	0.77	2540	19	2456	7	2357	12	7.2
30.1	1.61	0.17806	0.0021	10.95319	0.0868	0.44624	0.0027	0.77	2635	19	2519	7	2379	12	9.7
31.1	0.58	0.18976	0.0024	13.96068	0.1405	0.53370	0.0040	0.74	2740	21	2747	10	2757	17	-0.6
32.1	0.56	0.16823	0.0020	11.00451	0.0870	0.47455	0.0029	0.77	2540	19	2524	7	2504	13	1.4
33.1	0.94	0.16529	0.0024	10.96794	0.1359	0.48138	0.0041	0.68	2511	24	2520	12	2533	18	-0.9
34.1	0.64	0.16641	0.0020	10.85818	0.0978	0.47335	0.0031	0.74	2522	20	2511	8	2498	14	0.9
35.1	0.46	0.16497	0.0021	10.65444	0.1021	0.46852	0.0032	0.72	2507	21	2494	9	2477	14	1.2
36.1	0.49	0.16471	0.0019	10.59102	0.0816	0.46647	0.0028	0.78	2505	19	2488	7	2468	12	1.5
37.1	0.99	0.18944	0.0025	13.38302	0.1429	0.51251	0.0040	0.73	2737	22	2707	10	2667	17	2.6
38.1	0.77	0.16733	0.0019	10.79479	0.0832	0.46802	0.0028	0.78	2531	19	2506	7	2475	12	2.2
39.1	0.44	0.16749	0.0018	11.07805	0.0723	0.47985	0.0026	0.83	2533	18	2530	6	2527	11	0.2
40.1	0.66	0.17517	0.0026	11.93020	0.1556	0.49410	0.0044	0.69	2608	25	2599	12	2588	19	0.7
41.1	0.46	0.18402	0.0020	13.15371	0.0897	0.51842	0.0030	0.83	2690	18	2691	6	2693	13	-0.1

Note: Degree of discordance =100 × (1-(^{206}Pb/^{238}U age/^{207}Pb/^{206}Pb age)), $\lambda^{238}_{U} = 0.0155125\times10^{-9}yr^{-1}$, $\lambda^{235}_{U} = 0.98485\times10^{-9}yr^{-1}$, $\lambda^{232}_{Th} = 0.049475\times10^{-9}yr^{-1}$.

Table E. Detrtal zircon Hf isotopic data for the metasedimentary rock sample 05YQ04-1 from the Jiepailiang Formation

Spot	Age (Ma)	$^{176}Yb/^{177}Hf$	$^{176}Lu/^{177}Hf$	$^{176}Hf/^{177}Hf$	2σ	$(^{176}Hf/^{177}Hf)i$	$\varepsilon Hf(0)$	$\varepsilon Hf(t)$	T_{DM} (Ma)	$f_{Lu/Hf}$	T_{DM}^{C}(Ma)
01	2624	0.0292731	0.0005633	0.2812775	0.000034	0.2812492	-52.9	5.1	2722	-0.98	2790
02	2617	0.0210153	0.0004208	0.2812344	0.000035	0.2812133	-54.4	3.7	2770	-0.99	2877
03	2784	0.0382264	0.0007175	0.2811428	0.000027	0.2811045	-57.6	3.7	2914	-0.98	3005
04	2132	0.0205409	0.0004543	0.2813567	0.000031	0.2813382	-50.1	-3.0	2608	-0.99	2933
05	2475	0.0199400	0.0004324	0.2812992	0.000034	0.2812788	-52.1	2.7	2684	-0.99	2829
06	2521	0.0164503	0.0003315	0.2812647	0.000037	0.2812488	-53.3	2.7	2723	-0.99	2865
07	2640	0.0255218	0.0007107	0.2811958	0.000027	0.2811599	-55.7	2.3	2843	-0.98	2982
08	2635	0.0219425	0.0004802	0.2812525	0.000045	0.2812283	-53.7	4.6	2750	-0.99	2830
09	2540	0.0203048	0.0003891	0.2812605	0.000026	0.2812416	-53.5	2.9	2733	-0.99	2868
10	2615	0.0190821	0.0005264	0.2812669	0.000025	0.2812406	-53.2	4.6	2734	-0.98	2816
11	2571	0.0197976	0.0004259	0.2813284	0.000031	0.2813074	-51.1	6.0	2644	-0.99	2695
12	2533	0.0427309	0.0008496	0.2813398	0.000026	0.2812987	-50.6	4.8	2658	-0.97	2743
13	2559	0.0143379	0.0003233	0.2813311	0.000047	0.2813153	-51.0	6.0	2633	-0.99	2686
14	2448	0.0471091	0.0013055	0.2813425	0.000038	0.2812814	-50.6	2.2	2686	-0.96	2842
15	2531	0.0582205	0.0010420	0.2813515	0.000039	0.2813011	-50.2	4.8	2655	-0.97	2738
16	2635	0.0406461	0.0010912	0.2812718	0.000032	0.2812168	-53.1	4.2	2767	-0.97	2856
17	2632	0.0551707	0.0017465	0.2812164	0.000039	0.2811284	-55.0	1.0	2892	-0.95	3059
18	2683	0.0198487	0.0004053	0.2811708	0.000025	0.2811499	-56.6	3.0	2854	-0.99	2974
19	2599	0.0504523	0.0015621	0.2813640	0.000036	0.2812864	-49.8	5.9	2674	-0.95	2723
20	2560	0.0413348	0.0010567	0.2813002	0.000064	0.2812485	-52.0	3.6	2726	-0.97	2838
21	2532	0.0239510	0.0004758	0.2812518	0.000045	0.2812288	-53.8	2.3	2750	-0.99	2902
22	2756	0.0285010	0.0010793	0.2812510	0.000041	0.2811940	-53.8	6.2	2795	-0.97	2821

（Continued）

23	2647	0.1205824	0.0024812	0.2813291	0.000051	0.2812034	-51.0	4.0	2790	-0.93	2878
24	2511	0.0367172	0.0008862	0.2813141	0.000044	0.2812716	-51.6	3.3	2695	-0.97	2820
25	2539	0.0170860	0.0003968	0.2813213	0.000046	0.2813020	-51.3	5.0	2652	-0.99	2731
26	2545	0.0201844	0.0007145	0.2811867	0.000039	0.2811519	-56.1	-0.2	2855	-0.98	3068
27	2516	0.0342302	0.0007570	0.2813312	0.000046	0.2812948	-51.0	4.3	2663	-0.98	2764
28	2556	0.0187367	0.0005657	0.2812521	0.000046	0.2812245	-53.7	2.7	2756	-0.98	2895
29	2540	0.0303936	0.0007568	0.2812436	0.000055	0.2812068	-54.1	1.7	2781	-0.98	2947
30	2635	0.0569069	0.0012733	0.2812505	0.000076	0.2811863	-53.8	3.1	2810	-0.96	2926
31	2740	0.0146117	0.0004064	0.2812145	0.000026	0.2811931	-55.1	5.8	2795	-0.99	2835
32	2540	0.0194263	0.0004613	0.2812607	0.000052	0.2812383	-53.4	2.8	2737	-0.99	2875
33	2511	0.0246938	0.0004946	0.2812878	0.000049	0.2812640	-52.5	3.0	2703	-0.99	2837
34	2522	0.0187052	0.0004192	0.2813175	0.000043	0.2812973	-51.4	4.5	2658	-0.99	2754
35	2507	0.0151887	0.0003470	0.2812107	0.000042	0.2811940	-55.2	0.5	2796	-0.99	2999
36	2505	0.0175156	0.0003962	0.2812393	0.000032	0.2812203	-54.2	1.3	2761	-0.99	2941
37	2737	0.0450929	0.0009565	0.2812214	0.000038	0.2811713	-54.8	5.0	2826	-0.97	2887
38	2531	0.0307408	0.0006849	0.2813274	0.000034	0.2812942	-51.1	4.6	2663	-0.98	2754
39	2533	0.0269056	0.0007282	0.2812827	0.000046	0.2812475	-52.7	3.0	2726	-0.98	2859
40	2608	0.0314901	0.0007073	0.2812399	0.000070	0.2812046	-54.2	3.2	2783	-0.98	2903

Note: $\varepsilon_{Hf} = [(^{176}Hf/^{177}Hf)_S/(^{176}Hf/^{177}Hf)_{CHUR} - 1]\cdot 10000$; $f_{Lu/Hf} = [(^{176}Lu/^{177}Hf)_S/(^{176}Lu/^{177}Hf)_{CHUR}] - 1$; $(^{176}Hf/^{177}Hf)_{CHUR} = 0.282772$ and $(^{176}Lu/^{177}Hf)_{CHUR} = 0.0332$; $T_{DM} = 1/\lambda\cdot\ln\{1 + [(^{176}Hf/^{177}Hf)_S - 0.28325]/[(^{176}Lu/^{177}Hf)_S - 0.0384]\}$;

$T_{DM}^{C} = 1/\lambda\cdot\ln\{1 + [(^{176}Hf/^{177}Hf)_{S,t} - (^{176}Hf/^{177}Hf)_{DM,t}]/(0.015 - 0.0384)\} + t$, where s = sample, $\lambda = 1.867\times10^{-12}yr^{-1}$.

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