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Pb 630.1±1.3Ma U - Pb 630.6±1.3Ma Hf 2
 Hf 650-615Ma
 Rodinia

P534.3 P597.1 U - Pb Hf A 1671- 2552 2014 05- 0606- 08

ZHUAN-LIN, YE X T, LI H K. The latest Neoproterozoic igneous activity on the northern margin of the Tarim Craton. *Geological Bulletin of China*, 2014, 33(5):606-613

Abstr

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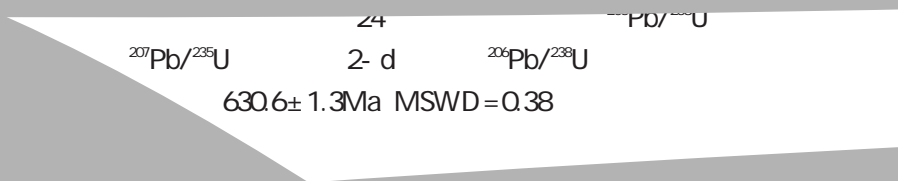
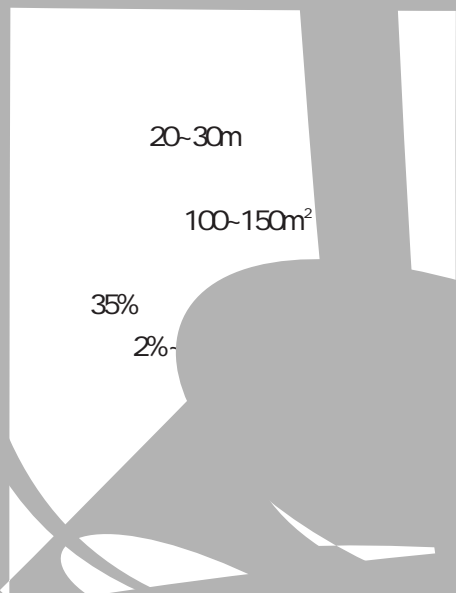
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630 3 634 5

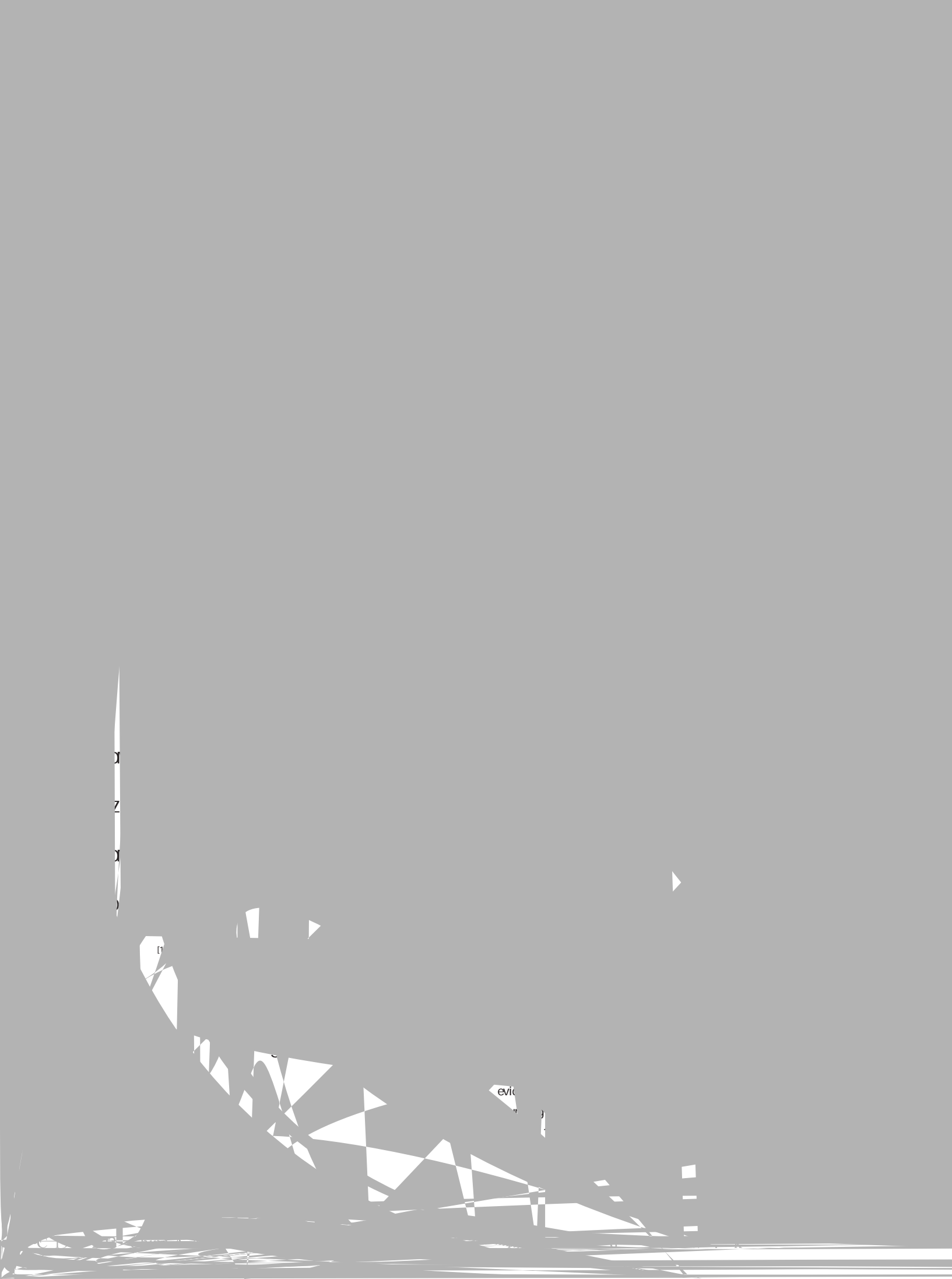
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2 **Hf**
Table 2 Hf isotopic composition of Neoproterozoic K-feldspar granite and granodiorite in Quruqtagh area

	$^{176}\text{Yb}/^{177}\text{Hf}$	$^{176}\text{Lu}/^{177}\text{Hf}$	$^{176}\text{Hf}/^{177}\text{Hf}$	2	$^{176}\text{Hf}/^{177}\text{Hf}_i$	$\epsilon_{\text{Hf}}(\text{O})$	$\epsilon_{\text{Hf}}(\text{)}$	t_{DM}/Ma	$t_{\text{DM}}^{\text{c}}/\text{Ma}$	Lu/Hf
2009KR015										
1	0.0815	0.0020	0.282228	0.000021	0.282205	-19.2	-6.2	1484	2509	-0.94
2	0.0501	0.0015	0.282277	0.000020	0.282258	-17.5	-4.3	1398	2340	-0.95
3	0.0418	0.0014	0.282220	0.000016	0.282204	-19.5	-6.2	1470	2511	-0.96
4	0.0381	0.0012	0.282238	0.000016	0.282223	-18.9	-5.5	1440	2450	-0.96
5	0.0468	0.0014	0.282247	0.000017	0.282230	-18.6	-5.3	1436	2430	-0.96
6	0.0542	0.0020	0.282223	0.000014	0.282200	-19.4	-6.4	1490	2524	-0.94
7	0.0696	0.0021	0.282213	0.000022	0.282188	-19.8	-6.8	1511	2561	-0.94
8	0.0350	0.0011	0.282235	0.000018	0.282222	-19.0	-5.6	1439	2454	-0.97
9	0.0502	0.0014	0.282230	0.000019	0.282213	-19.2	-5.9	1460	2484	-0.96
10	0.0342	0.0010	0.282259	0.000020	0.282248	-18.1	-4.7	1402	2374	-0.97
11	0.0555	0.0017	0.282279	0.000020	0.282259	-17.4	-4.3	1400	2337	-0.95
12	0.0378	0.0011	0.282253	0.000020	0.282241	-18.3	-4.9	1413	2396	-0.97
13	0.0647	0.0018	0.282205	0.000021	0.282184	-20.0	-6.9	1509	2574	-0.95
14	0.0265	0.0008	0.282218	0.000018	0.282209	-19.6	-6.0	1450	2494	-0.96
15	0.0787	0.0022	0.282275	0.000020	0.282248	-17.6	-4.7	1427	2372	-0.96
16	0.0442	0.0010	0.282268	0.000019	0.282257	-17.8	-4.4	1389	2345	-0.96
17	0.0661	0.0015	0.282180	0.000023	0.282162	-20.9	-7.7	1533	2700	-0.94
18	0.0402	0.0011	0.282240	0.000025	0.282228	-18.8	-5.4	1430	2400	-0.96
19	0.0614	0.0016	0.282229	0.000024	0.282210	-19.2	-6.0	1468	2480	-0.96
20	0.0453	0.0012	0.282243	0.000022	0.282229	-18.7	-5.3	1410	2370	-0.96
21	0.0610	0.0012	0.282252	0.000020	0.282237	-18.4	-5.0	1400	2370	-0.96
22	0.1971	0.0049	0.282187	0.000023	0.282129	-20.7	-8.9	1550	2800	-0.94
23	0.0505	0.0013	0.282275	0.000021	0.282260	-17.6	-4.7	1427	2372	-0.96
24	0.0531	0.0013	0.282247	0.000020	0.282232	-18.6	-5.3	1440	2450	-0.96
2009KR016										
1	0.1286	0.0031	0.282279	0.000021	0.282242	-17.6	-4.7	1427	2372	-0.96
2	0.0289	0.0008	0.282270	0.000016	0.282260	-19.6	-6.0	1450	2494	-0.96
3	0.0989	0.0027	0.282263	0.000019	0.282257	-17.6	-4.7	1427	2372	-0.96
4	0.0294	0.0008	0.282263	0.000015	0.282257	-17.6	-4.7	1427	2372	-0.96
5	0.0359	0.0010	0.282286	0.000016	0.282270	-19.6	-6.0	1450	2494	-0.96
6	0.0243	0.0007	0.282310	0.000015	0.282294	-19.6	-6.0	1450	2494	-0.96
7	0.0412	0.0012	0.282312	0.000015	0.282296	-19.6	-6.0	1450	2494	-0.96
8	0.0400	0.0010	0.282267	0.000015	0.282251	-19.6	-6.0	1450	2494	-0.96
9	0.0512	0.0013	0.282280	0.000015	0.282264	-19.6	-6.0	1450	2494	-0.96
10	0.0574	0.0016	0.282274	0.000015	0.282258	-19.6	-6.0	1450	2494	-0.96
11	0.0233	0.0007	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
12	0.0391	0.0011	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
13	0.0145	0.0004	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
14	0.0640	0.0016	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
15	0.0467	0.0012	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
16	0.0947	0.0027	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
17	0.0253	0.0008	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
18	0.0642	0.0016	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
19	0.0740	0.0021	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
20	0.1170	0.0034	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
21	0.0640	0.0016	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
22	0.0640	0.0016	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96
23	0.0640	0.0016	0.282255	0.000015	0.282239	-19.6	-6.0	1450	2494	-0.96

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 $\epsilon_{\text{Hr}}()$ diagram of ages



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