

Distribution of ...
and granitic in ...
columnar sec ...
C⁽¹⁰⁾ ...
Ma basic dykes
composite
agh area c

2 U - Pb
Fig. 2 ... dia diagram of zircons from Neoproterozoic K - feldspar
granodiorite in Quruqtagh area of Tarim Basin
Bi— ... Mc— Or— Q— Mt—

1

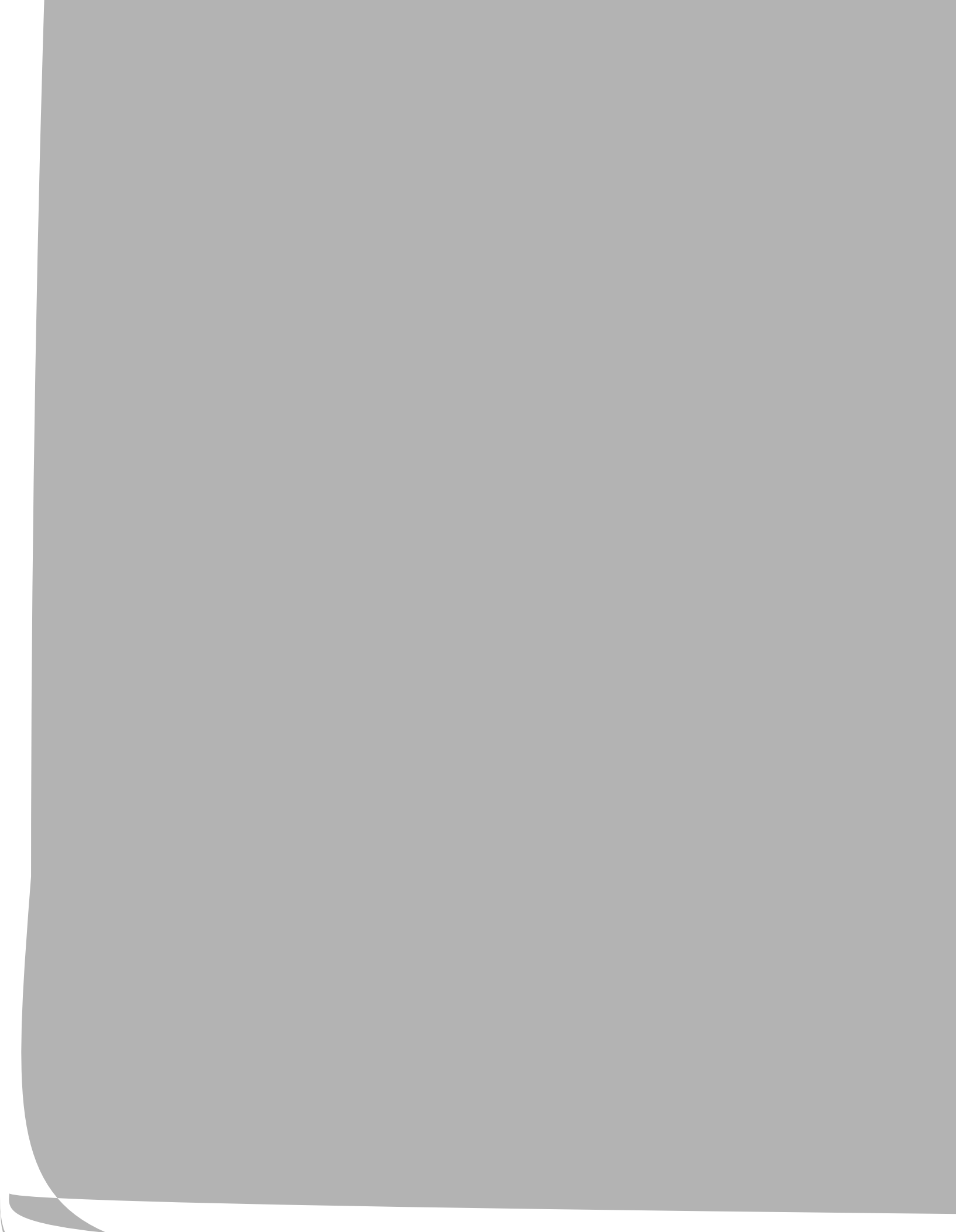
Th												
/10 ⁶												
2009KR015												
1	413	4										
2	331	4										
3	127	2										
	355	35										
	154	16										
	27	38										
		35										
		16										
		3										
		3	0.93	0.66	0.8720	1.76	628	6	632	9	646	30
		3	0.93	0.54	0.8695	1.10	631	4	637	11	657	36
		3	0.93	0.1025	0.54	0.8695	1.10	629	3	635	7	658
		3	0.93	0.21	0.74	0.8646	1.28	626	5	633	8	655
		3	0.93	0.09	0.76	0.8735	1.37	629	5	637	9	669
		3	0.93	0.194	0.57	0.8577	1.58	634	4	629	10	611
		3	0.93	0.320	0.348	0.8729	1.11	635	3	637	7	646
		3	0.93	0.117	0.168	0.8729	1.11	633	4	637	13	651
		3	0.93	0.242	0.303	0.8729	1.11	636	4	639	7	648
		3	0.93	0.304	0.368	0.8729	1.11	631	4	637	8	658
		3	0.93	0.408	0.428	0.8729	1.11	632	3	634	7	643
		3	0.93	0.995	1404	0.8729	1.11	636	4	636	6	667
		3	0.93	0.258	0.256	0.8729	1.11	632	16	632	16	654
		3	0.93	0.272	0.304	0.8729	1.11	632	16	644	16	654
2009KR016												
1	310	411										
2	172	190										
3	750	834										
4	287	357										
5	434	585										
6	845	788										
7	102	752										
8	702	638										
9	969	849										
10	782	825										
11	687	718										
12	1061	1016										
13	451	641										
14	107	154										
15	287	321										
16	528	573										
17	717	609										
18	392	558										
19	2273	1709										
20	925	902										
21	600	578										
22	4081	2256										
23	937	989										
24	510	494										

1
15
16
17
18
19
20
21 0.
22 0.1
23 0.03
24 0.05

2009KR016

1 0.1286
2 0.0289
3 0.0989
4 0.0294
5 0.0359
6 0.0243
7 0.0412
8 0.0400
9 0.0512
10 0.0574
11 0.0233
12 0.0391
13 0.0145
14 0.0640
15 0.0467
16 0.0947
17 0.0253
18 0.0642
19 0.0740
20 0.1164
21 0.0286
22 0.0334
23 0.0348

0.000023 0.28229
0.000017 0.282249 -17.8 -4.6 1412 2378



. LA- MC- ICPMS Hf
[J]. , 2007, 23: 2595- 2504.

. Lu- Hf

2007 23: 185- 220.

ahn B M, Zhang G X, et al. Crustal evolution and Phanerozoic crustal growth in northern Xinjiang: Nd isotopic evidence[J]. Isotopic characterization of basement rocks[J]. *Tecnologia*, 2007, 32(8): 15- 51.

Yuan C, Sun M, et al. Reworking of the Tarim Craton during the Neoproterozoic: Evidence from zircon U-Pb geochronology of mantle plume-derived magmas and granitoids in the Kuluketage area, NW China[J]. *Journal of Metamorphic Geology*, 2011, 29(1): 1- 14.

Li X H, Li Z X, et al. Neoproterozoic ultramafic-mafic rocks in the Quruqtagh complex and granitoids in Quruqtagh of northeast Xinjiang, western China: geochronology, geochemistry and tectonic implications[J]. *Precambrian Research*, 2007, 152: 149- 169.

Zheng B H, Shu L S, et al. Neoproterozoic tectonic evolution of the Precambrian Aksu blueschist terrane, northwestern Xinjiang: Insights from LA- ICP- MS zircon U- Pb geochronology[J]. *Precambrian Research*, 2011, 201: 1- 14.

W B, Zheng B H, et al. Phanerozoic evolution of the Tarim Craton: Insights from zircon U-Pb geochronology and geochemistry of granitoids[J]. *Precambrian Research*, 2011, 201: 1- 14.

Zheng B H, et al. Neoproterozoic tectonic evolution of the Tarim Craton: Insights from zircon U-Pb geochronology and geochemistry of granitoids[J]. *Precambrian Research*, 2011, 201: 1- 14.