
[4-5]

[1]

Rb-Sr

[2]

[3-4]

:

1987-

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Group

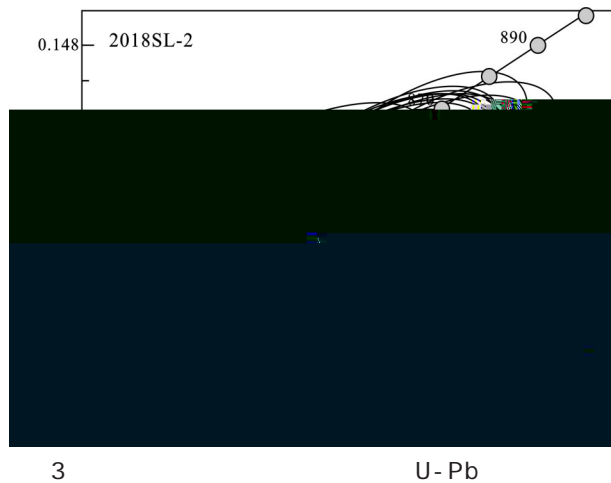
			104	
		U-Pb		
		1 460 Ma	2	²⁰⁷ Pb/ ²⁰⁶ Pb
				1 468 ± 6 Ma
		N = 79	MSWD = 0.68	^[11]
		1.4 Ga ^[12]		
			1.5	1.4 Ga
				Sailajia-
				zitage Group
1				
				390
			km ²	
		^[13] 1c		
				5 000 m
	<i>Kalakashi Group</i>			
		800 m		
	1b			
		1c		Rb-Sr
		1 764 Ma		
		^[1 9]		
	^[8-9] Zhang ^[10]			
	⁴⁰ Ar- ³⁹ Ar		U-Pb	
1 050	1 020 Ma	857 ± 3 Ma	N=15	MSWD=1.4 2018
	^[1] Zhang ^[11]		LA-MC-ICPMS U-Pb	
	SHRIMP U-Pb	839 ± 6 Ma	3	1
1 524.7 ± 4.3 Ma	N=18, MSWD=1.3	850	840 Ma	
			SHRIMP U-Pb	
		LA-ICPMS U-Pb		890 Ma

[14]

Aliankate Group

[9]

1b



(1)

800 Ma

830 Ma^[16] 2

Qiakemakelike Group

Fig.3 Concordia diagram of U- Pb zircon data for the tuff layer from Sailajiazitage Group

1

LA- MC- ICPMS U- Pb

Tab.1 Zircon U- Pb age data analyzed by LA- MC- ICPMS from the tuff in the Sailajiazitage Group

Spot	U/ ×10 ⁻⁶	Th/ ×10 ⁻⁶	²⁰⁷ Pb* / ²⁰⁶ Pb	±%	²⁰⁷ Pb* / ²³⁵ U	±%	²⁰⁶ Pb* / ²³⁸ U	±%	²⁰⁷ Pb/ ²³⁵ U Age	1	²⁰⁶ Pb/ ²³⁸ U Age	1
2018SL-2.1	1 976	1 022	0.068 4	1.31	1.313 2	1.73	0.139 1	1.60	852	15	840	13
2018SL-2.2	369	268	0.069 7	1.39	1.345 2	1.74	0.140 0	1.54	865	15	845	13
2018SL-2.3	485	425	0.068 4	1.34	1.305 8	1.68	0.138 5	1.52	848	14	836	13
2018SL-2.4	190	178	0.067 1	1.57	1.276 7	1.91	0.138 0	1.55	835	16	833	13
2018SL-2.5	228	171	0.067 8	1.49	1.289 2	1.82	0.137 8	1.53	841	15	832	13
2018SL-2.6	341	212	0.067 9	1.37	1.300 1	1.70	0.138 8	1.53	846	14	838	13
2018SL-2.7	346	382	0.068 4	1.46	1.329 7	1.74	0.140 9	1.54	859	15	850	13
2018SL-2.8	441	268	0.068 1	1.33	1.309 4	1.67	0.139 5	1.52	850	14	842	13
2018SL-2.9	174	120	0.068 3	1.68	1.318 4	1.97	0.140 0	1.51	854	17	844	13
2018SL-2.10	144	81	0.066 5	1.84	1.282 8	2.09	0.139 9	1.48	838	18	844	12
2018SL-2.11	1 168	1 734	0.068 8	1.31	1.289 9	1.63	0.136 0	1.49	841	14	822	12
2018SL-2.12	305	266	0.067 7	1.44	1.300 4	1.75	0.139 4	1.50	846	15	841	13
2018SL-2.13	271	205	0.068 7	1.43	1.309 8	1.73	0.138 2	1.49	850	15	834	12
2018SL-2.14	162	113	0.068 5	1.68	1.333 0	2.00	0.141 1	1.55	860	17	851	13
2018SL-2.15	500	362	0.069 9	1.37	1.315 4	1.64	0.136 5	1.46	853	14	825	12
2018SL-2.16	173	116	0.069 6	1.68	1.349 2	1.94	0.140 7	1.52	867	17	848	13

4

750 Ma

[4 22-23]

1.52 Ga ^[11]

1.0 Ga

^[10]

Ma

1 020 Ma

[6]

5a

1.0 Ga

[7-26]

850 840 Ma

5c

[27]

5d

760 750 Ma

[28]

1.9 Ga

Co

[11-13]

1 525 Ma

[12]

1 117 Ma

A

1

被动大陆边缘或裂谷盆地

NTT

CTS

SC

[17]

Evolution of the late Mesoproterozoic-Neoproterozoic sedimentary basins on the southwestern margin of the Tarim

Fig.5 A schematic diagram of the evolution of the late Mesoproterozoic-Neoproterozoic sedimentary basins on the southwestern margin of the Tarim

