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[4-5]

[1]

Rb-Sr

[2]

[3-4]

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1987-

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Group

			104	
		U-Pb		
		1 460 Ma	2	<sup>207</sup> Pb/ <sup>206</sup> Pb
				1 468 ± 6 Ma
		N = 79	MSWD = 0.68	<sup>[11]</sup>
		1.4 Ga <sup>[12]</sup>		
			1.5	1.4 Ga
				Sailajia-
				zitage Group
1				
				390
			km <sup>2</sup>	
		<sup>[13]</sup> 1c		
				5 000 m
	<i>Kalakashi Group</i>			
		800 m		
	1b			
		1c		Rb-Sr
		1 764 Ma		
		<sup>[1 9]</sup>		
	<sup>[8-9]</sup> Zhang <sup>[10]</sup>			
	<sup>40</sup> Ar- <sup>39</sup> Ar		U-Pb	
1 050	1 020 Ma	857 ± 3 Ma	N=15	MSWD=1.4 2018
	<sup>[1]</sup> Zhang <sup>[11]</sup>		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

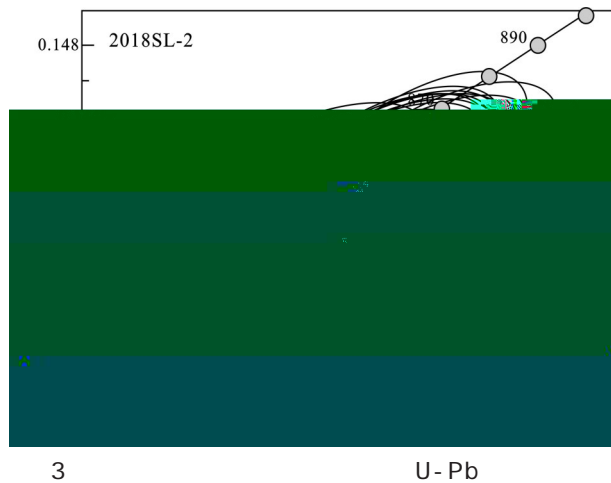
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[14]

*Aliankate Group*

[9]

1b



(1)

800 Ma

830 Ma<sup>[16]</sup> 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 <sup>-6</sup>	Th/ ×10 <sup>-6</sup>	<sup>207</sup> Pb* / <sup>206</sup> Pb	±%	<sup>207</sup> Pb* / <sup>235</sup> U	±%	<sup>206</sup> Pb* / <sup>238</sup> U	±%	<sup>207</sup> Pb/ <sup>235</sup> U Age	1	<sup>206</sup> Pb/ <sup>238</sup> 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

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4

750 Ma

[4 22-23]

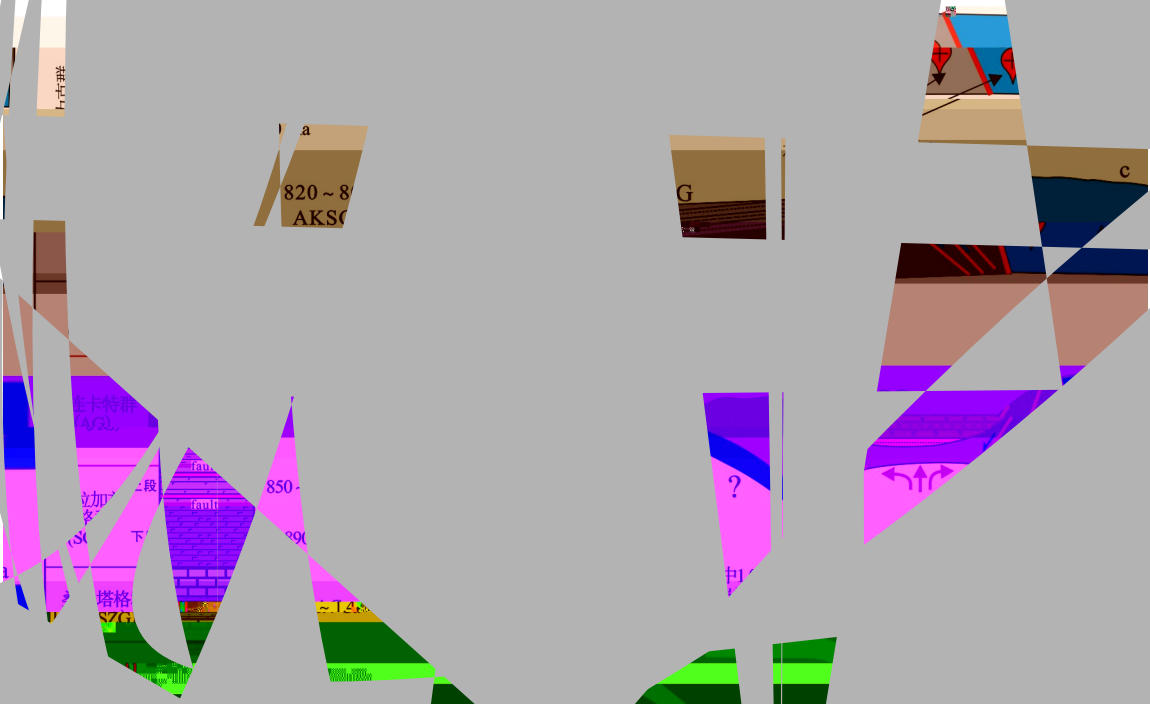
1.52 Ga <sup>[11]</sup>

1.0 Ga

<sup>[10]</sup>

Ma 300 Ma

M A



the relationship between the evolution process along the

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1.52

Ga 1.4 1.5 Ga

890 Ma

850 840 Ma

800 Ma

<

800 830 Ma

750 Ma

2

1.9 Ga

Columbia

1 785

1 117 Ma

1.0 Ga

800 Ma

750 Ma

2000

