

附表1 沙柳泉煌斑岩 SHRIMP 锆石 U-Pb 同位素测定结果

Appendix table 1 SHRIMP U-Pb isotopic compositions of the Shaliuquan lamprophyres

测点	²⁰⁶ Pb (%)	U (10 ⁻⁶)	Th	Th/U	²⁰⁶ Pb* (10 ⁻⁶)	年龄(Ma)					Disc (%)	²³⁸ U/ ²⁰⁶ Pb*	%	²⁰⁷ Pb*/ ²⁰⁶ Pb*	%	²⁰⁷ Pb*/ ²³⁵ U	%	²⁰⁶ Pb*/ ²³⁸ U	%	Err	
						²⁰⁶ Pb/ ²³⁸ U	1	²⁰⁷ Pb/ ²⁰	1σ	²⁰⁸ Pb/ ²³² T											1σ
1	0.6	415	55	0.14	7	121.8	2	154.0	180	144.0	26	20.7	52.42	1.9	0.049 1	7.8	0.129 0	8.0	0.019 1	1.9	0.23
2	1.4	640	64	0.10	12	133.1	2	-51.0	170	99.0	31	359.0	47.96	1.6	0.045 1	6.8	0.129 6	7.0	0.020 9	1.6	0.23
3	0.6	405	61	0.16	7	134.0	2	22.0	140	138.0	10	-508.	47.63	1.6	0.046 5	5.9	0.134 5	6.1	0.021 0	1.6	0.26
4	1.7	943	66	0.07	17	134.5	2	81.0	200	98.0	52	-66.1	47.46	1.6	0.047 6	8.5	0.138 0	8.6	0.021 1	1.6	0.18
5	1.4	596	15	0.27	11	136.8	2	-174.0	200	114.0	14	178.4	46.65	1.6	0.042 9	7.8	0.127 0	8.0	0.021 4	1.6	0.20
6	5.0	305	48	0.16	6	137.0	3	-123.0	610	112.0	71	211.8	46.62	2.0	0.044 0	25.0	0.130 0	25.0	0.021 5	2.0	0.08
7	1.0	449	58	1.34	8	137.4	2	-96.0	130	129.9	3	243.1	46.43	1.6	0.044 3	5.3	0.131 5	5.5	0.021 5	1.6	0.29
8	-0.1	838	24	0.30	17	150.7	2	282.0	44	156.9	4	46.5	42.28	1.5	0.051 9	1.9	0.169 3	2.5	0.023 7	1.5	0.61
9	6.1	768	27	0.36	17	152.4	3	4.0	410	139.0	26	-4195	41.85	1.7	0.046 1	17.0	0.152 0	17.0	0.023 9	1.7	0.10
10	0.4	115	47	0.42	25	157.2	2	65.0	63	152.9	4	-142.	40.52	1.5	0.047 3	2.7	0.161 0	3.0	0.024 7	1.5	0.49
11	5.9	131	61	0.48	30	158.8	3	15.0	240	150.0	17	-926.	40.16	1.6	0.046 3	10.0	0.159 0	10.0	0.024 9	1.6	0.16
12	0.9	727	97	0.14	24	237.5	4	131.0	120	206.0	35	-81.7	26.64	1.5	0.048 6	5.2	0.252 0	5.4	0.037 5	1.5	0.28
13	0.4	627	74	1.23	21	240.5	4	192.0	79	229.9	5	-25.3	26.31	1.5	0.049 9	3.4	0.261 7	3.7	0.038 0	1.5	0.41
14	0.5	126	32	0.26	5	279.0	5	304.0	150	320.0	34	8.3	22.61	1.8	0.052 4	6.7	0.320 0	6.9	0.044 2	1.8	0.26
15	0.9	499	22	0.46	28	401.4	6	372.0	76	385.0	17	-7.9	15.57	1.5	0.054 0	3.4	0.478 0	3.7	0.064 2	1.5	0.41
16	2.1	609	54	0.93	36	414.8	7	437.0	350	384.0	29	5.0	15.05	1.7	0.055 6	16.0	0.510 0	16.0	0.066 5	1.7	0.11
17	0.9	198	18	0.98	12	436.1	7	401.0	110	424.0	13	-8.8	14.29	1.6	0.054 7	5.0	0.528 0	5.2	0.070 0	1.6	0.31
18	0.4	474	47	1.04	29	438.7	7	389.0	63	421.4	9	-12.9	14.20	1.6	0.054 4	2.8	0.528 0	3.2	0.070 4	1.6	0.49
19	0.5	493	35	0.75	30	439.5	7	348.0	80	417.0	11	-26.3	14.17	1.5	0.053 4	3.5	0.520 0	3.8	0.070 6	1.5	0.40
20	0.7	363	8	0.02	22	440.0	7	372.0	78	529.0	280	-18.1	14.16	1.5	0.054 0	3.5	0.526 0	3.8	0.070 6	1.5	0.41
21	1.3	204	15	0.78	13	440.2	7	425.0	120	427.0	17	-3.5	14.15	1.7	0.055 3	5.5	0.539 0	5.7	0.070 7	1.7	0.29
22	0.7	393	38	1.02	24	441.3	7	433.0	67	432.8	10	-2.0	14.11	1.5	0.055 5	3.0	0.542 0	3.4	0.070 8	1.5	0.45
23	1.3	266	24	0.97	17	444.3	7	487.0	140	441.0	17	8.8	14.02	1.6	0.056 9	6.3	0.560 0	6.5	0.071 3	1.6	0.25
24	0.3	94	10	1.18	6	478.5	9	504.0	120	479.0	14	5.0	12.98	2.0	0.057 3	5.3	0.609 0	5.7	0.077 1	2.0	0.35
25	0.2	537	55	0.11	69	899.0	1	904.0	24	963.0	46	0.5	6.68	1.5	0.069 2	1.2	1.427 0	1.9	0.149 7	1.5	0.79
26	0.3	361	49	0.14	50	964.0	1	877.0	30	904.0	49	-10.0	6.20	1.5	0.068 3	1.4	1.519 0	2.1	0.161 4	1.5	0.73
27	0.1	636	86	0.14	118	1 256.0	1	1 220.0	13	1 220.0	30	-3.0	4.65	1.5	0.080 9	0.7	2.401 0	1.6	0.215 1	1.5	0.91
28	0.0	436	28	0.67	103	1 559.0	2	1 449.0	12	1 545.0	31	-7.5	3.66	1.6	0.091 1	0.6	3.437 0	1.7	0.273 5	1.6	0.93
29	0.5	148	19	1.35	40	1 742.0	2	2 369.0	19	2 266.0	43	26.5	3.22	1.6	0.152 1	1.1	6.500 0	2.0	0.310 2	1.6	0.82
30	0.0	165	70	0.44	48	1 890.0	2	2 333.0	13	2 336.0	44	19.0	2.94	1.6	0.148 9	0.8	6.990 0	1.8	0.340 6	1.6	0.90

31	0.0	528	18	0.36	210	2 450.0	3	2 412.6	5.9	2 342.0	39	-1.6	2.16	1.5	0.156 0	0.4	9.950 0	1.5	0.462 5	1.5	0.97
32	0.0	225	97	0.45	90	2 469.0	3	2 485.4	9.1	2 680.0	52	0.7	2.14	1.5	0.162 9	0.5	10.480 0	1.6	0.466 6	1.5	0.94
