

附表 1 念扎闪长岩锆石 U-Pb 年龄

Appendix table 1 Zircon U-Pb ages for Nianzha diorite

Spot	Th(ppm)	U(ppm)	Th/U	Ratio				Age			
				$^{207}\text{Pb}/^{235}\text{U}$	1sigma	$^{206}\text{Pb}/^{238}\text{U}$	1sigma	$^{207}\text{Pb}/^{235}\text{U}$	1sigma	$^{206}\text{Pb}/^{238}\text{U}$	1sigma
NZ15-33-5-2	1596.23	1052.51	1.52	0.04816	0.00150	0.00714	0.00010	47.76	1.45	45.84	0.65
NZ15-33-5-3	354.50	454.83	0.78	0.04787	0.00333	0.00717	0.00017	47.48	3.23	46.08	1.09
NZ15-33-5-4	149.71	160.51	0.93	0.04774	0.00349	0.00723	0.00018	47.36	3.38	46.47	1.15
NZ15-33-5-5	486.25	445.80	1.09	0.04627	0.00256	0.00729	0.00014	45.93	2.48	46.83	0.88
NZ15-33-5-7	548.36	499.64	1.10	0.04788	0.00222	0.00709	0.00013	47.48	2.15	45.54	0.82
NZ15-33-5-9	836.78	718.99	1.16	0.04731	0.00230	0.00731	0.00015	46.93	2.23	46.93	0.98
NZ15-33-5-10	134.09	123.22	1.09	0.04725	0.00532	0.00731	0.00023	46.87	5.16	46.95	1.46
NZ15-33-5-11	1798.78	1521.90	1.18	0.04768	0.00146	0.00722	0.00011	47.30	1.41	46.39	0.72
NZ15-33-5-12	1233.46	856.25	1.44	0.04680	0.00227	0.00723	0.00012	46.44	2.20	46.41	0.75
NZ15-33-5-13	89.67	88.14	1.02	0.04618	0.00485	0.00730	0.00022	45.84	4.71	46.90	1.38
NZ15-33-5-14	286.52	276.46	1.04	0.04616	0.00289	0.00724	0.00015	45.82	2.81	46.53	0.97

附表 2 锆石(U-Th)/He 同位素年龄测试结果

Appendix table 2 Zircon (U-Th)/He ages for Nianzha diorite

No.	Sample	4He	+/-	Total U	+/-	Total Th	+/-	Th/U	F _T	Mass	Uncor.Age	FT Cor. Age	+/-	sphere radius
		ncc		ppm		ppm			factor	μg	Ma	Ma	Ma	μm
1	NZ15-66-1-1 Zr	7.4835	0.1872	427.1802	9.1124	323.2007	8.3989	0.78	0.845	17.60	6.99	8.26	0.21	83.6
	NZ15-66-1-2 Zr	1.9835	0.0497	332.4384	7.4208	272.1455	6.5926	0.84	0.793	6.32	6.54	8.24	0.20	63.7
	NZ15-66-1-3 Zr	4.0573	0.1016	287.5319	9.8684	143.9810	5.0639	0.51	0.863	16.95	6.16	7.14	0.24	94.4
	NZ15-66-1-4 Zr	2.1955	0.0550	475.7362	15.0039	323.5891	12.2392	0.70	0.758	4.43	7.43	9.80	0.27	53.4
	NZ15-66-1-5 Zr	3.8471	0.0970	262.7291	6.6809	181.3686	5.8353	0.71	0.843	14.52	7.17	8.51	0.24	84.7
2	NZ15-34-1-1 Zr	11.2696	0.2821	422.4076	9.2130	162.8055	4.0329	0.40	0.877	24.36	8.30	9.47	0.26	104.5
	NZ15-34-1-2 Zr	14.9327	0.3741	571.9371	12.3859	136.4657	3.6660	0.24	0.872	20.95	9.76	11.19	0.31	100.0
	NZ15-34-1-3 Zr	3.2178	0.0807	254.9287	6.0434	130.1280	3.6183	0.52	0.838	10.39	8.97	10.71	0.29	79.2
	NZ15-34-1-4 Zr	2.6795	0.0674	298.4904	7.8805	117.2262	3.5751	0.40	0.833	9.74	6.98	8.38	0.24	77.3

注: Uncor. Age 为未校正年龄; FT Cor. Age 为 F_T 校正后年龄; sphere radius 为晶体等效半径.