



图5 古民黑云母花岗岩(NY-3-10)中锆石形态阴极发光(CL)图像

Fig.5 Cathodo luminescena images showing typical zircon morphology of Gumin biotite granite (NY-3-10)

圆圈及圈中(外)数字分别表示分析点位和测点编号, 圈外年龄示<sup>206</sup>Pb/<sup>238</sup>U表面年龄

表2 昆仑关岩体古民单元(NY-3-10)LA-ICP-MS 锆石 U-Pb 分析结果

Table 2 LA-ICP-MS zircon U-Pb dating data for Gumin unit (NY-3-10), Kunlunquan intrusion

测试点号	<sup>232</sup> Th (10 <sup>-6</sup> )	<sup>238</sup> U (10 <sup>-6</sup> )	Th/U	U-Th-Pb 同位素比值								年龄(Ma)							
				<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>208</sup> Pb/ <sup>232</sup> Th	1σ	<sup>207</sup> Pb/ <sup>206</sup> Pb	1σ	<sup>207</sup> Pb/ <sup>235</sup> U	1σ	<sup>206</sup> Pb/ <sup>238</sup> U	1σ	<sup>208</sup> Pb/ <sup>232</sup> Th	1σ
NY-3-10-1	472.69	435.79	1.08	0.04795	0.00218	0.09662	0.00431	0.01462	0.00021	0.00514	0.00013	97	75	94	4	94	1	104	3
NY-3-10-2	621.59	1041.45	0.60	0.04723	0.00164	0.09361	0.00319	0.01438	0.00019	0.00500	0.00013	61	53	91	3	92	1	101	3
NY-3-10-3	313.47	779.60	0.40	0.07695	0.00296	0.15157	0.00565	0.01429	0.00021	0.00850	0.00024	1120	51	143	5	91	1	171	5
NY-3-10-4	382.71	647.51	0.59	0.04925	0.00208	0.09748	0.00404	0.01436	0.00020	0.00521	0.00015	160	71	94	4	92	1	105	3
NY-3-10-5	827.34	5338.51	0.15	0.10823	0.00306	0.21521	0.00598	0.01443	0.00019	0.02271	0.00057	1770	32	198	5	92	1	454	11
NY-3-10-6	306.36	1632.47	0.19	0.04831	0.00166	0.09581	0.00324	0.01440	0.00019	0.00586	0.00018	114	55	93	3	92	1	118	4
NY-3-10-7	1176.98	1266.35	0.93	0.04605	0.00353	0.05496	0.00418	0.00866	0.00009	0.00456	0.00041		171	54	4	56	1	92	8
NY-3-10-8	320.07	625.62	0.51	0.05024	0.00260	0.10008	0.00509	0.01446	0.00023	0.00482	0.00017	206	88	97	5	93	1	97	3
NY-3-10-9	127.46	263.74	0.48	0.04605	0.00211	0.07635	0.00337	0.01203	0.00015	0.00741	0.00075		98	75	3	77	1	149	15
NY-3-10-10	302.96	444.98	0.68	0.05501	0.00263	0.11306	0.00531	0.01492	0.00023	0.00581	0.00019	413	77	109	5	95	1	117	4
NY-3-10-11	1099.38	747.14	1.47	0.04511	0.00216	0.09225	0.00438	0.01484	0.00023	0.00456	0.00015	-14	70	90	4	95	1	92	3
NY-3-10-12	455.87	880.39	0.52	0.04733	0.00212	0.09559	0.00425	0.01466	0.00022	0.00503	0.00018	66	71	93	4	94	1	101	4
NY-3-10-13	338.49	515.07	0.66	0.04766	0.00293	0.09618	0.00585	0.01464	0.00025	0.00598	0.00023	82	103	93	5	94	2	121	5
NY-3-10-14	483.35	784.07	0.62	0.04749	0.00250	0.09993	0.00522	0.01527	0.00025	0.00574	0.00022	74	85	97	5	98	2	116	4
NY-3-10-15	496.76	954.80	0.52	0.04719	0.00254	0.09405	0.00504	0.01446	0.00024	0.00519	0.00021	59	86	91	5	93	2	105	4
NY-3-10-16	478.22	769.50	0.62	0.13321	0.00608	0.28909	0.01313	0.01574	0.00027	0.01194	0.00045	2141	55	258	10	101	2	240	9