Table 1. Zircon U–Pb data of the sample AMC–0159A.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Rho	$^{208}Pb/^{232}Th$	±2σ abs	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	±2σ
Zircon–007	62	66	1.06	0.1550	0.0350	0.9700	0.4100	0.0445	0.0040	0.44	0.0249	0.0058	281.0	24.0	670.0	110.0	2320.0	140.0	281.0	24.0
Zircon–003	60	42	0.70	0.0654	0.0055	0.3830	0.0310	0.0456	0.0012	0.07	0.0145	0.0010	287.2	7.6	326.0	23.0	648.0	88.0	287.2	7.6
Zircon–018	52	45	0.87	0.0743	0.0068	0.4440	0.0370	0.0456	0.0014	0.26	0.0153	0.0011	287.3	8.7	370.0	26.0	1080.0	110.0	287.3	8.7
Zircon–033	56	39	0.70	0.0645	0.0055	0.4220	0.0360	0.0471	0.0013	0.09	0.0164	0.0010	296.7	8.1	357.0	26.0	808.0	91.0	296.7	8.1
Zircon–010	38	28	0.74	0.0515	0.0064	0.2970	0.0350	0.0438	0.0014	0.15	0.0125	0.0009	276.2	8.6	260.0	27.0	570.0	110.0	276.2	8.6
Zircon–012	59	50	0.85	0.0470	0.0046	0.2900	0.0280	0.0439	0.0011	0.20	0.0134	0.0009	276.7	6.6	256.0	22.0	409.0	84.0	276.7	6.6
Zircon–026	70	73	1.04	0.0479	0.0044	0.2910	0.0250	0.0438	0.0012	0.02	0.0127	0.0008	276.3	7.7	257.0	20.0	420.0	92.0	276.3	7.7
Zircon–027	51	63	1.24	0.0498	0.0044	0.2920	0.0240	0.0435	0.0014	0.01	0.0132	0.0008	274.1	8.7	258.0	19.0	360.0	130.0	274.1	8.7
Zircon–032	52	41	0.79	0.0526	0.0075	0.2980	0.0520	0.0434	0.0013	0.34	0.0147	0.0010	273.7	8.0	260.0	38.0	490.0	180.0	273.7	8.0
Zircon–034	63	34	0.54	0.0479	0.0045	0.2950	0.0250	0.0454	0.0015	0.23	0.0151	0.0011	286.0	9.5	261.0	20.0	418.0	77.0	286.0	9.5
Zircon–001_ AMC–0159	94	69	0.73	0.0529	0.0037	0.3090	0.0220	0.0427	0.0010	0.23	0.0137	0.0008	269.7	6.2	274.0	16.0	377.0	73.0	269.7	6.2
Zircon–002	56	67	1.20	0.0523	0.0066	0.3040	0.0340	0.0436	0.0014	0.22	0.0134	0.0008	275.2	8.7	265.0	26.0	570.0	100.0	275.2	8.7
Zircon–004	61	72	1.18	0.0509	0.0048	0.3000	0.0280	0.0437	0.0013	0.15	0.0139	0.0008	275.9	7.8	267.0	23.0	529.0	93.0	275.9	7.8
Zircon–005	79	58	0.73	0.0499	0.0044	0.2970	0.0250	0.0433	0.0011	0.16	0.0134	0.0008	273.5	6.8	262.0	20.0	460.0	120.0	273.5	6.8
Zircon–006	115	81	0.70	0.0510	0.0040	0.3090	0.0240	0.0439	0.0010	0.05	0.0137	0.0007	276.9	6.3	274.0	18.0	362.0	74.0	276.9	6.3
Zircon–008	81	60	0.74	0.0540	0.0047	0.3220	0.0250	0.0439	0.0010	0.16	0.0138	0.0008	277.0	6.4	285.0	19.0	501.0	88.0	277.0	6.4
Zircon–009	53	35	0.66	0.0503	0.0063	0.3050	0.0350	0.0435	0.0014	0.12	0.0132	0.0010	274.6	8.4	266.0	26.0	620.0	110.0	274.6	8.4
Zircon–011	62	46	0.74	0.0541	0.0051	0.3180	0.0280	0.0433	0.0014	0.08	0.0137	0.0008	273.3	8.5	285.0	23.0	508.0	83.0	273.3	8.5
Zircon–013	105	72	0.69	0.0515	0.0040	0.3010	0.0210	0.0427	0.0011	0.10	0.0136	0.0008	269.4	6.6	265.0	16.0	423.0	65.0	269.4	6.6
Zircon–014	87	59	0.68	0.0551	0.0043	0.3180	0.0260	0.0448	0.0011	0.07	0.0148	0.0009	282.2	6.8	283.0	19.0	452.0	94.0	282.2	6.8
Zircon–015	79	57	0.72	0.0546	0.0041	0.3200	0.0240	0.0425	0.0012	0.17	0.0137	0.0008	268.2	7.1	289.0	18.0	606.0	65.0	268.2	7.1
Zircon–016	61	47	0.77	0.0494	0.0045	0.3080	0.0240	0.0436	0.0013	0.04	0.0132	0.0008	275.0	8.3	272.0	16.0	411.0	97.0	275.0	8.3
Zircon–017	61	46	0.75	0.0565	0.0054	0.3320	0.0300	0.0433	0.0013	0.38	0.0132	0.0007	272.9	8.0	287.0	24.0	630.0	110.0	272.9	8.0
Zircon–019	80	69	0.86	0.0542	0.0046	0.3100	0.0300	0.0425	0.0012	0.39	0.0142	0.0007	268.1	7.3	272.0	23.0	390.0	100.0	268.1	7.3
Zircon–020	136	129	0.95	0.0530	0.0069	0.3160	0.0470	0.0433	0.0012	0.19	0.0143	0.0010	273.1	7.4	278.0	32.0	410.0	170.0	273.1	7.4
Zircon–021	47	36	0.77	0.0518	0.0053	0.3190	0.0300	0.0438	0.0014	0.01	0.0147	0.0010	276.4	8.5	286.0	21.0	530.0	110.0	276.4	8.5
Zircon–022	61	48	0.79	0.0513	0.0055	0.3220	0.0330	0.0445	0.0015	0.01	0.0147	0.0009	280.5	9.5	284.0	25.0	420.0	110.0	280.5	9.5
Zircon–023	79	56	0.71	0.0517	0.0044	0.3050	0.0240	0.0439	0.0012	0.06	0.0136	0.0008	277.2	7.4	274.0	17.0	474.0	96.0	277.2	7.4
Zircon–024	139	138	0.99	0.0502	0.0044	0.3060	0.0250	0.0440	0.0013	0.12	0.0134	0.0007	277.7	8.3	269.0	19.0	357.0	70.0	277.7	8.3
Zircon–025	61	37	0.61	0.0503	0.0057	0.2970	0.0320	0.0438	0.0012	0.01	0.0134	0.0010	276.4	7.4	268.0	25.0	450.0	100.0	276.4	7.4
Zircon–028	33	30	0.91	0.0545	0.0064	0.3310	0.0360	0.0438	0.0016	0.06	0.0133	0.0011	276.0	10.0	286.0	28.0	603.0	81.0	276.0	10.0
Zircon–029	46	36	0.78	0.0532	0.0059	0.3190	0.0300	0.0433	0.0016	0.03	0.0139	0.0010	273.3	9.7	282.0	24.0	660.0	120.0	273.3	9.7
Zircon–030	61	52	0.85	0.0520	0.0046	0.3240	0.0270	0.0441	0.0012	0.34	0.0127	0.0006	277.9	7.3	282.0	21.0	510.0	110.0	277.9	7.3
Zircon–031	44	26	0.59	0.0519	0.0047	0.3180	0.0300	0.0434	0.0013	0.18	0.0138	0.0010	273.9	8.3	277.0	23.0	470.0	110.0	273.9	8.3
Zircon–035_ AMC–0159	56	67	1.20	0.0561	0.0069	0.3350	0.0400	0.0432	0.0014	0.11	0.0132	0.0008	272.9	8.5	293.0	31.0	707.0	90.0	272.9	8.5

Table 2. Zircon U–Pb data of the sample AMC–0185.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
AMC–185_22	0.077	0.096	1.25	0.15	0.15	1.7	2.1	0.109	0.045	0.1	597.0	272.8	1280.0	320.0	1200.0	3400.0	597.0	272.8
AMC–185_21	0.188	0.18	0.96	0.24	0.17	2.6	2.8	0.115	0.037	0.1	553.9	224.8			1000.0	2200.0	553.9	224.8
AMC–185_58	1640	859	0.52	0.0557	0.0011	0.3985	0.0091	0.0515	0.0013	0.62462	322.6	11.1	340.4	6.6	454.0	48.0	322.6	11.1
AMC–185_56	1345	800	0.59	0.056	0.0013	0.35	0.012	0.0449	0.0011	0.71283	281.7	9.9	304.6	8.9	456.0	54.0	281.7	9.9
AMC–185_51	1770	895	0.51	0.0614	0.0012	0.3742	0.0095	0.0447	0.001	0.70689	278.6	9.8	323.9	6.8	658.0	43.0	278.6	9.8
AMC–185_15	896	610	0.68	0.06075	0.00086	0.371	0.0076	0.04443	0.00095	0.74188	277.2	9.2	320.2	5.6	628.0	30.0	277.2	9.2
AMC–185_46	2590	1330	0.51	0.0547	0.0012	0.3311	0.0079	0.0439	0.0011	0.67068	276.0	9.9	290.3	6.0	404.0	51.0	276.0	9.9
AMC–185_16	193.3	77	0.40	0.0515	0.0011	0.387	0.019	0.0543	0.0026	0.91515	341.6	18.0	331.0	14.0	256.0	47.0	341.6	18.0
AMC–185_40	491	299	0.61	0.05216	0.00098	0.381	0.018	0.0524	0.0023	0.89289	329.6	16.7	327.0	13.0	306.0	44.0	329.6	16.7
AMC–185_53	852	593	0.70	0.05332	0.00094	0.421	0.012	0.0579	0.0021	0.82582	363.1	16.0	356.6	8.9	339.0	39.0	363.1	16.0
AMC–185_10	425	214.8	0.51	0.0552	0.0012	0.441	0.023	0.058	0.0018	0.942	362.8	14.2	376.0	16.0	415.0	50.0	362.8	14.2
AMC–185_36	409	223	0.55	0.05312	0.0009	0.3857	0.0062	0.05297	0.00053	0.61319	332.7	9.3	331.2	4.5	330.0	39.0	332.7	9.3
AMC–185_27	526	444	0.84	0.05081	0.00084	0.3738	0.0085	0.0527	0.0012	0.69762	332.0	11.2	322.3	6.3	229.0	38.0	332.0	11.2
AMC–185_18	303	146.3	0.48	0.052	0.0011	0.3808	0.0095	0.0527	0.0011	0.70499	331.5	11.2	327.4	7.0	281.0	49.0	331.5	11.2
AMC–185_54	881	502	0.57	0.05265	0.00075	0.379	0.011	0.0519	0.0012	0.89088	326.3	11.1	325.8	8.2	318.0	31.0	326.3	11.1
AMC–185_17	269	142.2	0.53	0.0518	0.00062	0.3709	0.0069	0.05159	0.00083	0.81681	324.7	9.9	320.2	5.1	275.0	27.0	324.7	9.9
AMC–185_12	419	366	0.87	0.05125	0.0009	0.364	0.011	0.0515	0.0012	0.78411	324.4	11.2	314.6	8.1	257.0	37.0	324.4	11.2
AMC–185_41	1108	791	0.71	0.05236	0.00059	0.3735	0.0065	0.0514	0.001	0.87638	323.3	10.5	322.2	4.8	300.0	25.0	323.3	10.5
AMC–185_38	702	422	0.60	0.05208	0.00072	0.3698	0.0064	0.0512	0.0011	0.87958	322.2	10.5	319.4	4.7	287.0	31.0	322.2	10.5
AMC–185_28	551	504	0.91	0.0519	0.0012	0.3624	0.0076	0.0511	0.0011	0.57275	321.6	10.5	313.9	5.7	275.0	52.0	321.6	10.5
AMC–185_26	245	249	1.02	0.0537	0.0011	0.381	0.012	0.051	0.0012	0.70936	320.3	11.1	327.6	8.9	352.0	48.0	320.3	11.1
AMC–185_45	595	438	0.74	0.05217	0.00094	0.3609	0.0092	0.0508	0.0013	0.73548	319.7	11.8	314.1	6.5	289.0	41.0	319.7	11.8
AMC–185_14	402	386	0.96	0.052	0.001	0.364	0.01	0.0506	0.0014	0.79124	318.5	11.8	315.2	7.4	296.0	41.0	318.5	11.8
AMC–185_62	818	808	0.99	0.05165	0.0009	0.3606	0.0068	0.05053	0.00063	0.51017	318.2	8.7	312.5	5.1	266.0	40.0	318.2	8.7
AMC–185_34	459	222	0.48	0.0528	0.001	0.375	0.011	0.0506	0.0015	0.84792	318.2	12.4	323.4	8.1	317.0	44.0	318.2	12.4
AMC–185_03	787	484	0.61	0.05199	0.00076	0.3616	0.0072	0.05031	0.00069	0.70539	316.7	9.3	313.3	5.4	282.0	34.0	316.7	9.3
AMC–185_57	850	469	0.55	0.0512	0.001	0.355	0.013	0.0502	0.0018	0.84323	316.3	13.7	308.2	9.4	244.0	46.0	316.3	13.7
AMC–185_59	990	357	0.36	0.0516	0.001	0.353	0.013	0.0502	0.002	0.9231	316.2	14.3	306.3	9.9	262.0	45.0	316.2	14.3
AMC–185_29	1020	453	0.44	0.05127	0.00099	0.353	0.01	0.0501	0.0016	0.86253	315.7	12.4	306.5	7.8	265.0	44.0	315.7	12.4
AMC–185_01	1200	622	0.52	0.05228	0.00065	0.3705	0.0085	0.05	0.0012	0.77496	314.7	10.5	319.9	6.3	303.0	31.0	314.7	10.5
AMC–185_39	499	305	0.61	0.05153	0.00082	0.3531	0.0077	0.04974	0.00099	0.69753	313.3	9.9	306.9	5.8	261.0	36.0	313.3	9.9
AMC–185_24	490.4	325	0.66	0.0525	0.0011	0.357	0.0084	0.0497	0.001	0.56754	312.7	9.9	309.8	6.3	311.0	47.0	312.7	9.9
AMC–185_25	552	317	0.57	0.05227	0.0009	0.36	0.0068	0.0492	0.001	0.67462	309.7	9.9	312.1	5.1	293.0	40.0	309.7	9.9
AMC–185_31	629	547	0.87	0.05309	0.00096	0.3545	0.0055	0.04858	0.00091	0.6034	305.6	9.3	308.0	4.1	329.0	41.0	305.6	9.3
AMC–185_07	493	146	0.30	0.05163	0.00073	0.3472	0.0067	0.04847	0.00078	0.67839	305.4	9.3	302.5	5.0	274.0	35.0	305.4	9.3
AMC–185_61	857	801	0.93	0.05148	0.00092	0.357	0.031	0.0482	0.0013	0.59428	303.8	11.2	298.9	8.3	259.0	41.0	303.8	11.2
AMC–185_05	663	410	0.62	0.05202	0.00084	0.3499	0.0068	0.0482	0.0011	0.81788	303.6	10.6	304.6	5.1	283.0	36.0	303.6	10.6
AMC–185_02	745	456	0.61	0.0521	0.0011	0.3465	0.0097	0.0482	0.0018	0.81664	303.6	13.7	301.9	7.3	282.0	49.0	303.6	13.7

Table 2. Zircon U–Pb data of the sample AMC–0185 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
AMC–185_44	538	210	0.39	0.05178	0.0007	0.3432	0.0088	0.0479	0.0011	0.81854	301.8	9.9	299.4	6.6	273.0	31.0	301.8	9.9
AMC–185_20	451	268	0.59	0.05278	0.00075	0.345	0.01	0.0478	0.0013	0.79133	300.8	11.2	300.7	7.5	317.0	32.0	300.8	11.2
AMC–185_43	770	470	0.61	0.05288	0.00097	0.3498	0.0099	0.0474	0.001	0.80414	298.3	9.9	304.4	7.4	319.0	42.0	298.3	9.9
AMC–185_13	426	248	0.58	0.05216	0.0007	0.342	0.0094	0.0473	0.0015	0.84347	298.0	11.8	298.5	7.1	290.0	31.0	298.0	11.8
AMC–185_09	510	257	0.50	0.05123	0.00088	0.3367	0.0059	0.04718	0.00092	0.76465	297.6	9.3	294.6	4.5	254.0	38.0	297.6	9.3
AMC–185_23	592	281	0.47	0.0531	0.0014	0.344	0.01	0.0472	0.0016	0.68402	297.0	12.4	299.6	7.6	326.0	60.0	297.0	12.4
AMC–185_19	639	148.3	0.23	0.05209	0.00089	0.3422	0.0075	0.0471	0.00077	0.77708	296.8	8.7	298.7	5.7	285.0	39.0	296.8	8.7
AMC–185_49	931	654	0.70	0.05188	0.00082	0.3379	0.0056	0.04708	0.00074	0.59167	296.7	8.7	295.5	4.3	277.0	36.0	296.7	8.7
AMC–185_52	973	783	0.80	0.0519	0.001	0.3346	0.0065	0.04668	0.00083	0.52278	294.2	9.3	293.0	4.9	277.0	45.0	294.2	9.3
AMC–185_37	780	387	0.50	0.0517	0.0011	0.3319	0.0079	0.0466	0.001	0.70275	293.8	10.0	290.9	6.0	268.0	47.0	293.8	10.0
AMC–185_60	1100	851	0.77	0.0516	0.0011	0.3305	0.0057	0.04654	0.0009	0.3343	293.5	9.3	289.9	4.4	262.0	47.0	293.5	9.3
AMC–185_08	410	170.8	0.42	0.05194	0.00083	0.3361	0.0069	0.04654	0.00085	0.66652	293.3	9.3	294.1	5.3	280.0	36.0	293.3	9.3
AMC–185_32	727	528	0.73	0.0524	0.00094	0.3401	0.0085	0.0465	0.0011	0.70742	292.9	9.9	298.4	6.8	299.0	40.0	292.9	9.9
AMC–185_47	1232	662	0.54	0.0523	0.0011	0.3304	0.0078	0.04625	0.00095	0.63557	291.4	9.3	289.8	5.9	302.0	49.0	291.4	9.3
AMC–185_30	731	605	0.83	0.05188	0.00076	0.332	0.01	0.0462	0.0011	0.76107	291.2	10.0	291.2	7.8	278.0	33.0	291.2	10.0
AMC–185_06	588	230	0.39	0.05185	0.00064	0.333	0.0052	0.04611	0.00075	0.65775	290.7	8.7	291.8	4.0	283.0	30.0	290.7	8.7
AMC–185_11	519	446	0.86	0.05343	0.00063	0.3354	0.0078	0.04588	0.00075	0.91233	288.7	8.7	293.5	5.9	346.0	27.0	288.7	8.7
AMC–185_04	1720	397	0.23	0.05217	0.00057	0.3287	0.0034	0.04558	0.00065	0.67062	287.3	8.1	288.6	2.6	292.0	25.0	287.3	8.1
AMC–185_48	1433	488	0.34	0.0526	0.001	0.3301	0.0074	0.0455	0.00064	0.49554	286.6	8.1	289.5	5.7	308.0	44.0	286.6	8.1
AMC–185_50	647	345	0.53	0.0529	0.001	0.3324	0.0068	0.04543	0.00076	0.69595	286.1	8.7	291.3	5.2	329.0	44.0	286.1	8.7
AMC–185_35	576	431	0.75	0.05217	0.00092	0.3222	0.007	0.045	0.00099	0.64617	283.7	9.3	284.5	5.6	289.0	41.0	283.7	9.3
AMC–185_55	784	526	0.67	0.0522	0.0011	0.3251	0.0089	0.045	0.0013	0.65134	283.7	11.2	285.7	6.8	287.0	49.0	283.7	11.2
AMC–185_33	718	488	0.68	0.05254	0.00089	0.3247	0.0088	0.0443	0.0011	0.79336	279.2	10.0	285.3	6.7	313.0	40.0	279.2	10.0
AMC–185_42	2230	640	0.29	0.05368	0.00065	0.3082	0.0061	0.04168	0.00071	0.73281	262.5	8.1	272.7	4.7	356.0	27.0	262.5	8.1

Table 3. Zircon U–Pb data of the sample GOE–1096.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GOE–1096_65	158	113.00	0.72	20.3252	0.9088506	0.484	0.067	0.0492	0.0021	0.6565	302.7	13.7	402.0	46.0	920.0	220.0	302.7	13.7
GOE–1096_67	405	269.00	0.66	21.83883	0.4053943	0.368	0.01	0.04579	0.00064	0.59148	286.6	5.3	317.8	7.5	514.0	51.0	286.6	5.3
GOE–1096_01	238	71.40	0.30	12.34568	2.286237	0.75	0.17	0.081	0.015	0.99646	499.1	90.3	532.0	95.0	650.0	120.0	499.1	90.3
GOE–1096_02	93	17.70	0.19	5.393743	0.2821969	1.845	0.076	0.1854	0.0088	0.96092	1102.8	55.6	1059.0	29.0	954.0	39.0	954.0	39.0
GOE–1096_04	670	185.00	0.28	19.30502	0.7080992	0.368	0.01	0.0518	0.0015	0.85412	326.2	11.8	317.9	7.4	253.0	39.0	326.2	11.8
GOE–1096_53	428	219.00	0.51	20.16129	0.4877732	0.3558	0.0071	0.0496	0.001	0.7146	312.2	7.5	308.9	5.3	291.0	36.0	312.2	7.5
GOE–1096_60	402	221.00	0.55	20.16536	0.3822431	0.3718	0.0061	0.04959	0.00069	0.1	311.5	5.9	320.9	4.5	357.0	49.0	311.5	5.9
GOE–1096_10	344.3	208.00	0.60	20.4918	0.7558452	0.366	0.013	0.0488	0.0015	0.94682	306.3	11.1	316.3	9.4	397.0	28.0	306.3	11.1
GOE–1096_57	164	56.70	0.35	20.77706	0.3626165	0.3504	0.0076	0.04813	0.00062	0.35092	303.2	5.3	304.9	5.7	274.0	49.0	303.2	5.3
GOE–1096_45	800	337.00	0.42	20.82466	0.4770329	0.3449	0.0065	0.04802	0.0009	0.7511	302.5	6.9	300.8	4.9	280.0	32.0	302.5	6.9
GOE–1096_62	498	208.00	0.42	20.9205	1.006635	0.342	0.014	0.0478	0.0022	0.93845	301.3	14.3	298.0	10.0	265.0	38.0	301.3	14.3
GOE–1096_07	257	79.00	0.31	21.09705	0.6676281	0.3325	0.0076	0.0474	0.0011	0.51926	298.8	9.3	291.3	5.8	258.0	56.0	298.8	9.3
GOE–1096_46	138	50.50	0.37	21.19093	0.3816972	0.3303	0.0094	0.04719	0.00064	0.49234	297.9	5.4	289.6	7.2	205.0	56.0	297.9	5.4
GOE–1096_40	194	116.00	0.60	21.18644	0.6284114	0.334	0.01	0.0472	0.0013	0.66527	297.5	8.7	292.6	7.8	269.0	42.0	297.5	8.7
GOE–1096_44	233.1	89.90	0.39	21.23142	0.3741418	0.3316	0.007	0.0471	0.00059	0.38685	297.2	5.2	290.6	5.3	229.0	50.0	297.2	5.2
GOE–1096_11	416	270.00	0.65	21.23142	0.9015466	0.3254	0.0088	0.0471	0.0017	0.79158	297.1	12.4	285.9	6.7	242.0	54.0	297.1	12.4
GOE–1096_16	367	218.00	0.59	21.23142	0.67616	0.3309	0.0096	0.0471	0.0011	0.80746	297.0	9.3	290.0	7.3	249.0	49.0	297.0	9.3
GOE–1096_08	255	84.10	0.33	21.23142	0.7212373	0.3333	0.0084	0.0471	0.0012	0.57914	297.0	10.0	292.0	6.4	253.0	53.0	297.0	10.0
GOE–1096_64	266.6	116.90	0.44	21.22241	0.3738243	0.3431	0.0062	0.04712	0.00063	0.47173	296.8	5.2	300.3	4.5	300.0	41.0	296.8	5.2
GOE–1096_54	286.7	166.60	0.58	21.29019	0.4487393	0.3357	0.0063	0.04697	0.00085	0.74246	296.1	6.2	293.8	4.8	270.0	28.0	296.1	6.2
GOE–1096_35	466	395.00	0.85	21.36752	0.5478852	0.334	0.0082	0.0468	0.001	0.69694	295.1	7.5	292.5	6.2	266.0	40.0	295.1	7.5
GOE–1096_39	301.9	107.00	0.35	21.36296	0.360537	0.3321	0.0062	0.04681	0.00056	0.66025	295.0	5.0	291.1	4.7	288.0	45.0	295.0	5.0
GOE–1096_66	273.7	122.00	0.45	21.34927	0.3919807	0.3444	0.006	0.04684	0.00065	0.44909	294.9	5.4	300.4	4.5	309.0	38.0	294.9	5.4
GOE–1096_20	489	248.70	0.51	21.41328	0.6877926	0.3354	0.0075	0.0467	0.0011	0.7796	294.5	9.3	293.5	5.7	267.0	38.0	294.5	9.3
GOE–1096_33	212	101.00	0.48	21.45462	0.5983911	0.3273	0.0092	0.04661	0.00083	0.58665	294.2	8.1	287.3	7.0	221.0	47.0	294.2	8.1
GOE–1096_19	392	244.10	0.62	21.44082	0.5516507	0.3331	0.0056	0.04664	0.00067	0.37494	294.1	7.5	291.8	4.2	276.0	34.0	294.1	7.5
GOE–1096_30	264	151.80	0.58	21.42704	0.5509417	0.3512	0.0096	0.04667	0.0007	0.51495	293.6	7.5	305.4	7.2	345.0	52.0	293.6	7.5
GOE–1096_58	314.7	183.00	0.58	21.45923	0.7367975	0.337	0.012	0.0466	0.0016	0.86766	293.4	10.0	295.0	8.7	315.0	43.0	293.4	10.0
GOE–1096_17	381	192.00	0.50	21.47305	0.5994195	0.3319	0.0077	0.04657	0.00076	0.62168	293.3	8.1	290.9	5.9	300.0	40.0	293.3	8.1
GOE–1096_12	224.5	98.60	0.44	21.46844	0.5530728	0.3438	0.0079	0.04658	0.00062	0.4331	292.8	7.5	299.9	6.0	371.0	60.0	292.8	7.5
GOE–1096_36	405	253.00	0.62	21.56102	0.4090922	0.3312	0.006	0.04638	0.00066	0.32772	292.4	5.5	290.4	4.6	276.0	45.0	292.4	5.5
GOE–1096_68	395	244.00	0.62	21.64971	0.5155808	0.3309	0.0069	0.04619	0.00096	0.7633	291.1	6.9	290.2	5.3	285.0	30.0	291.1	6.9
GOE–1096_48	546	459.00	0.84	21.64502	0.3982309	0.3374	0.006	0.0462	0.00066	0.78221	290.9	5.3	295.1	4.6	318.0	30.0	290.9	5.3
GOE–1096_38	264	187.00	0.71	21.69197	0.7999209	0.3268	0.0093	0.0461	0.0016	0.84467	290.9	10.6	286.9	7.1	244.0	36.0	290.9	10.6
GOE–1096_37	417	296.00	0.71	21.68727	0.4609309	0.3288	0.0063	0.04611	0.00079	0.51476	290.8	6.1	288.5	4.8	264.0	41.0	290.8	6.1
GOE–1096_21	800	503.00	0.63	21.64502	0.7027604	0.342	0.011	0.0462	0.0011	0.85156	290.5	9.3	298.6	8.6	368.0	37.0	290.5	9.3
GOE–1096_69	281.3	185.00	0.66	21.72968	0.3871869	0.3362	0.0053	0.04602	0.00059	0.52824	289.9	5.2	294.2	4.0	301.0	35.0	289.9	5.2
GOE–1096_56	307	172.90	0.56	21.76752	0.4406573	0.3315	0.0061	0.04594	0.00072	0.73541	289.6	5.8	291.6	4.3	280.0	31.0	289.6	5.8

Table 3. Zircon U–Pb data of the sample GOE–1096 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GOE–1096_50	512	279.00	0.54	21.77226	0.4361089	0.3287	0.0055	0.04593	0.00075	0.85122	289.5	5.8	288.5	4.2	279.0	31.0	289.5	5.8
GOE–1096_15	572	523.00	0.91	21.87227	0.5740752	0.3208	0.0051	0.04572	0.00067	0.62876	288.3	7.5	282.5	3.9	266.0	31.0	288.3	7.5
GOE–1096_14	896	985.00	1.10	21.88184	0.8139852	0.3266	0.0088	0.0457	0.0015	0.8909	288.0	10.6	288.1	7.0	295.0	33.0	288.0	10.6
GOE–1096_06	289	95.00	0.33	21.94908	0.6744668	0.322	0.0083	0.04556	0.00096	0.54245	287.4	8.7	283.3	6.4	252.0	51.0	287.4	8.7
GOE–1096_49	562	486.00	0.86	21.97802	0.6279435	0.3258	0.0089	0.0455	0.0011	0.83583	287.1	8.1	286.1	6.8	255.0	39.0	287.1	8.1
GOE–1096_23	392	324.00	0.83	22.07506	0.7309621	0.328	0.0073	0.0453	0.0011	0.6894	285.5	9.3	287.9	5.6	298.0	42.0	285.5	9.3
GOE–1096_43	190	86.00	0.45	22.07506	0.6335005	0.3252	0.0073	0.0453	0.0012	0.71079	285.4	8.1	285.7	5.6	309.0	47.0	285.4	8.1
GOE–1096_03	437	215.00	0.49	22.07506	1.072078	0.324	0.011	0.0453	0.0019	0.85246	285.1	13.7	285.0	8.4	339.0	47.0	285.1	13.7
GOE–1096_31	368	135.70	0.37	22.13369	0.5878801	0.3287	0.0063	0.04518	0.00067	0.48599	284.7	7.5	288.5	4.8	305.0	35.0	284.7	7.5
GOE–1096_47	639	365.00	0.57	22.15821	0.392789	0.3212	0.0054	0.04513	0.00058	0.75798	284.6	5.0	283.7	3.8	278.0	28.0	284.6	5.0
GOE–1096_42	383	148.00	0.39	22.17295	0.7374595	0.3249	0.0093	0.0451	0.0014	0.82009	284.2	9.4	286.8	6.8	310.0	36.0	284.2	9.4
GOE–1096_41	369	131.00	0.36	22.22716	0.4347611	0.3148	0.0068	0.04499	0.0007	0.58701	284.1	5.5	278.8	5.0	230.0	34.0	284.1	5.5
GOE–1096_09	416.9	181.00	0.43	22.17787	0.6886009	0.3345	0.0084	0.04509	0.00094	0.66678	283.6	8.7	292.9	6.3	377.0	48.0	283.6	8.7
GOE–1096_63	678	409.00	0.60	22.24199	0.395765	0.3259	0.0057	0.04496	0.00058	0.50444	283.5	5.0	286.4	4.4	277.0	33.0	283.5	5.0
GOE–1096_34	270	233.00	0.86	22.24694	0.4602815	0.3247	0.0063	0.04495	0.00075	0.49168	283.4	5.8	285.4	4.8	282.0	44.0	283.4	5.8
GOE–1096_13	262	110.30	0.42	22.32143	0.6975446	0.3186	0.0068	0.0448	0.001	0.66275	282.6	8.7	280.7	5.3	266.0	42.0	282.6	8.7
GOE–1096_22	456	292.00	0.64	22.35136	0.5495418	0.3222	0.0045	0.04474	0.00054	0.64929	282.2	6.8	283.5	3.4	276.0	30.0	282.2	6.8
GOE–1096_24	195	137.00	0.70	22.3914	0.6517873	0.3255	0.0095	0.04466	0.00093	0.64939	281.4	8.1	286.0	7.3	303.0	54.0	281.4	8.1
GOE–1096_27	428	143.40	0.34	22.45173	0.6553042	0.3255	0.0075	0.04454	0.00087	0.75943	280.8	8.1	286.0	5.7	303.0	40.0	280.8	8.1
GOE–1096_55	322	135.30	0.42	22.45677	0.4740482	0.3271	0.0055	0.04453	0.00077	0.60492	280.7	5.9	287.3	4.2	301.0	39.0	280.7	5.9
GOE–1096_59	383	194.90	0.51	22.42152	1.206539	0.332	0.015	0.0446	0.0024	0.95189	280.5	14.9	293.0	11.0	371.0	34.0	280.5	14.9
GOE–1096_29	534	293.00	0.55	22.51745	0.7098498	0.336	0.0084	0.04441	0.00095	0.77464	279.4	8.7	294.0	6.4	371.0	34.0	279.4	8.7
GOE–1096_28	392	145.00	0.37	22.73761	0.6720985	0.3182	0.0064	0.04398	0.0009	0.65975	277.3	8.1	280.4	4.9	301.0	36.0	277.3	8.1
GOE–1096_51	81.1	68.00	0.84	22.82063	0.5207811	0.325	0.012	0.04382	0.00083	0.35567	276.0	6.3	285.4	8.9	323.0	77.0	276.0	6.3
GOE–1096_26	289	176.20	0.61	22.85192	0.6266523	0.3206	0.0073	0.04376	0.00076	0.58315	275.9	7.5	282.2	5.6	307.0	44.0	275.9	7.5
GOE–1096_32	546	429.00	0.79	22.8833	0.7331033	0.3201	0.0063	0.0437	0.00093	0.8463	275.5	8.7	281.9	4.9	305.0	33.0	275.5	8.7
GOE–1096_52	85.3	54.80	0.64	22.96739	0.5116758	0.316	0.011	0.04354	0.00082	0.68839	274.5	6.1	280.9	9.3	295.0	67.0	274.5	6.1
GOE–1096_61	640.1	363.00	0.57	23.02026	0.4027485	0.3186	0.0032	0.04344	0.00053	0.52395	273.9	4.8	280.8	2.5	304.0	22.0	273.9	4.8
GOE–1096_18	747	573.00	0.77	23.0521	0.6376791	0.309	0.0052	0.04338	0.00069	0.55336	273.8	7.5	273.4	4.1	270.0	27.0	273.8	7.5
GOE–1096_05	716	383.90	0.54	23.12139	0.6415183	0.3089	0.0051	0.04325	0.00073	0.72226	272.8	7.5	273.3	3.9	294.0	33.0	272.8	7.5
GOE–1096_25	224	131.00	0.58	24.09639	0.8709537	0.3046	0.0081	0.0415	0.0012	0.69177	261.9	9.4	269.9	6.3	301.0	53.0	261.9	9.4

Table 4. Zircon U–Pb data of the sample GOE–1098.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GOE–1098_08	385	154.50	0.401	0.0577	0.0013	0.35	0.01	0.04331	0.00059	0.72661	271.31	6.81	304.9	7.5	512	49	271.31	6.81
GOE–1098_41	151.4	96.00	0.634	0.0663	0.0035	0.427	0.026	0.04652	0.00087	0.51341	288.04	8.64	363	19	800	120	288.04	8.64
GOE–1098_29	140.7	80.60	0.573	0.058	0.0021	0.405	0.013	0.0512	0.00075	0.1	319.85	8.04	345.3	9.3	554	64	319.85	8.04
GOE–1098_19	170.9	58.20	0.341	0.05143	0.00074	0.3416	0.0053	0.04846	0.00059	0.49654	305.44	7.46	298.4	4	265	35	305.44	7.46
GOE–1098_36	257.2	137.40	0.534	0.05177	0.0009	0.3384	0.005	0.04831	0.0007	0.24372	304.38	8.08	295.9	3.8	272	40	304.38	8.08
GOE–1098_35	68.3	66.10	0.968	0.05065	0.00083	0.3405	0.0057	0.04849	0.0008	0.70064	305.92	8.09	297.5	4.3	248	41	305.92	8.09
GOE–1098_48	140.70	80.60	0.573	0.0536	0.0014	0.3826	0.0084	0.0514	0.00069	0.019263	322.82	8.06	328.8	6.1	346	57	322.82	8.06
GOE–1098_14	146.8	53.70	0.366	0.05204	0.00081	0.3467	0.0068	0.04827	0.00073	0.66119	304.03	8.07	302.1	5.1	292	37	304.03	8.07
GOE–1098_25	195.5	100.30	0.513	0.0563	0.0024	0.362	0.021	0.04778	0.00095	0.6784	299.42	8.69	308	13	445	89	299.42	8.69
GOE–1098_05	387	294.70	0.761	0.05218	0.0008	0.3124	0.0082	0.04283	0.00085	0.76349	270.18	8.10	275.9	6.3	290	36	270.18	8.10
GOE–1098_09	246	95.90	0.390	0.05153	0.00082	0.3221	0.0074	0.04433	0.00083	0.69855	279.73	8.10	283.4	5.7	262	37	279.73	8.10
GOE–1098_10	363.9	206.00	0.566	0.05213	0.00088	0.3213	0.0071	0.04395	0.0008	0.7297	277.16	8.09	282.8	5.4	287	39	277.16	8.09
GOE–1098_15	218.9	112.60	0.514	0.054	0.0011	0.34	0.0078	0.04596	0.00053	0.16942	288.99	6.83	297	5.9	364	47	288.99	6.83
GOE–1098_16	407	215.00	0.528	0.05219	0.00095	0.3085	0.0065	0.04295	0.00079	0.51992	270.92	7.48	272.9	5	299	39	270.92	7.48
GOE–1098_20	332.6	202.00	0.607	0.0526	0.0013	0.328	0.01	0.0459	0.001	0.54086	289.12	8.71	288.1	7.7	301	59	289.12	8.71
GOE–1098_34	359.9	264.00	0.734	0.0533	0.0018	0.318	0.012	0.04371	0.00081	0.049363	275.27	7.48	280.2	8.6	332	68	275.27	7.48
GOE–1098_38	271.7	126.90	0.467	0.05192	0.00074	0.3206	0.006	0.04461	0.0006	0.58946	281.34	7.47	282.3	4.6	293	36	281.34	7.47
GOE–1098_46	477	467.00	0.979	0.05229	0.00086	0.3154	0.0054	0.04341	0.00063	0.62348	273.75	6.85	279.2	3.9	295	38	273.75	6.85
GOE–1098_01	179	52.80	0.295	0.05264	0.00073	0.3318	0.0059	0.04584	0.00051	0.55679	288.73	6.84	290.8	4.5	311	32	288.73	6.84
GOE–1098_02	323.8	180.40	0.557	0.05296	0.00078	0.3337	0.0052	0.04541	0.00053	0.46719	285.95	6.84	292.3	3.9	331	31	285.95	6.84
GOE–1098_03	400	208.00	0.520	0.05296	0.00073	0.3274	0.0051	0.04489	0.00052	0.4848	282.72	6.84	287.5	3.9	325	31	282.72	6.84
GOE–1098_04	388	324.00	0.835	0.05237	0.00096	0.32	0.0077	0.04377	0.00085	0.60067	275.96	8.09	281.7	5.9	298	42	275.96	8.09
GOE–1098_06	271	110.80	0.409	0.05168	0.00098	0.3187	0.0063	0.0439	0.00074	0.52219	277.01	7.48	281.7	5	267	43	277.01	7.48
GOE–1098_07	279.1	290.00	1.039	0.0532	0.0013	0.3474	0.0078	0.04662	0.00061	0.1	293.37	7.46	302.7	5.8	333	53	293.37	7.46
GOE–1098_11	271	157.00	0.579	0.05235	0.00065	0.3433	0.0056	0.04642	0.00083	0.69218	292.44	8.08	299.6	4.3	299	28	292.44	8.08
GOE–1098_12	271	152.40	0.562	0.054	0.00069	0.3499	0.0051	0.04682	0.00052	0.53077	294.32	7.44	304.6	3.8	369	29	294.32	7.44
GOE–1098_17	431	230.00	0.534	0.05245	0.00082	0.3085	0.006	0.04272	0.00089	0.65422	269.40	8.09	273	4.7	302	35	269.40	8.09
GOE–1098_18	293	130.00	0.444	0.05215	0.00078	0.3179	0.0045	0.04446	0.00071	0.54993	280.33	7.47	280.2	3.5	296	33	280.33	7.47
GOE–1098_21	179.5	85.40	0.476	0.05179	0.00095	0.3227	0.0071	0.04547	0.00066	0.441	286.73	7.47	283.9	5.4	281	44	286.73	7.47
GOE–1098_22	391	263.00	0.673	0.05175	0.00074	0.3103	0.0042	0.04405	0.00038	0.37835	277.92	6.23	275.1	3.4	272	33	277.92	6.23
GOE–1098_23	420	172.00	0.410	0.05071	0.00086	0.3045	0.0049	0.04458	0.00076	0.53999	281.57	7.48	269.9	3.8	224	40	281.57	7.48
GOE–1098_24	172.1	84.80	0.493	0.05094	0.00078	0.3212	0.0065	0.04594	0.00099	0.64824	289.96	8.72	282.7	5	235	35	289.96	8.72
GOE–1098_26	169.4	126.70	0.748	0.0516	0.0012	0.324	0.0075	0.04654	0.00058	0.36472	293.45	7.47	284.9	5.7	263	52	293.45	7.47
GOE–1098_27	359	237.60	0.662	0.0522	0.0013	0.327	0.01	0.0466	0.00097	0.49662	293.61	8.71	286.9	8	287	58	293.61	8.71
GOE–1098_28	285.7	126.80	0.444	0.05167	0.00073	0.3147	0.0046	0.04492	0.00055	0.4287	283.36	6.85	277.7	3.6	277	29	283.36	6.85
GOE–1098_30	192.6	96.40	0.501	0.0527	0.0011	0.3187	0.0091	0.04544	0.00083	0.67697	286.23	8.08	282.2	7.4	312	47	286.23	8.08
GOE–1098_32	649	465.00	0.716	0.052	0.0011	0.3264	0.0081	0.04635	0.00079	0.66317	292.13	8.09	286.7	6.2	290	51	292.13	8.09
GOE–1098_33	346.2	134.40	0.388	0.0535	0.001	0.3329	0.008	0.04555	0.00077	0.65672	286.63	8.07	291.7	6.1	364	36	286.63	8.07

Table 4. Zircon U–Pb data of the sample GOE–1098 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GOE–1098_37	357	141.00	0.395	0.05224	0.00084	0.3204	0.0081	0.0445	0.001	0.64626	280.55	8.71	282.1	6.2	303	41	280.55	8.71
GOE–1098_39	247	125.00	0.506	0.05128	0.00082	0.3151	0.008	0.0441	0.001	0.77823	278.39	8.72	278	6.2	250	37	278.39	8.72
GOE–1098_42	401	59.80	0.149	0.05227	0.00075	0.3159	0.0042	0.04363	0.00065	0.655	275.13	7.47	279.4	3	295	33	275.13	7.47
GOE–1098_43	378	183.00	0.484	0.05158	0.00074	0.326	0.011	0.0454	0.0016	0.89901	286.37	11.82	286.1	8.3	271	32	286.37	11.82
GOE–1098_44	388.2	233.80	0.602	0.0525	0.0009	0.3252	0.0074	0.04485	0.00065	0.49474	282.63	7.46	285.8	5.6	304	39	282.63	7.46
GOE–1098_45	326.8	245.00	0.750	0.05182	0.00081	0.3144	0.0058	0.04378	0.0007	0.63455	276.21	7.47	277.5	4.5	282	38	276.21	7.47
GOE–1098_47	426	381.00	0.894	0.05252	0.00076	0.3146	0.006	0.0434	0.001	0.81222	273.61	8.71	277.7	4.6	305	33	273.61	8.71
GOE–1098_13	382	158.10	0.414	0.05255	0.00081	0.3209	0.0068	0.04433	0.00071	0.68837	279.38	7.46	282.5	5.2	314	33	279.38	7.46
GOE–1098_31	382	158.00	0.414	0.05379	0.00074	0.3244	0.0068	0.04401	0.0006	0.72686	276.97	6.83	285.1	5.2	360	31	276.97	6.83
GOE–1098_40	365	258.00	0.707	0.05119	0.00093	0.3212	0.0066	0.04529	0.00088	0.63463	285.82	8.10	282.8	5.1	245	42	285.82	8.10

Table 5. Zircon U–Pb data of the sample GOE–1099.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc 2σ
GOE–1099_06	228	66.2	0.29	0.0602	0.0015	0.429	0.013	0.05168	0.00098	0.56155	321.9	9.2	362.3	9.4	616.0	51.0	321.9	9.2
GOE–1099_07	480	182	0.38	0.0616	0.0012	0.3701	0.0093	0.0431	0.00074	0.62623	268.7	7.4	319.6	6.9	665.0	40.0	268.7	7.4
GOE–1099_37	602	289	0.48	0.0754	0.0022	0.466	0.015	0.0436	0.0018	0.72734	267.1	12.1	388.0	11.0	1070.0	60.0	267.1	12.1
GOE–1099_41	201	98	0.49	0.0624	0.0029	0.418	0.018	0.049	0.0016	0.35814	304.6	11.7	357.0	13.0	662.0	98.0	304.6	11.7
GOE–1099_22	750	283	0.38	0.05239	0.00073	0.3484	0.0068	0.04765	0.00066	0.66301	300.1	7.5	303.4	5.2	307.0	30.0	300.1	7.5
GOE–1099_01	327.8	147	0.45	0.0519	0.0012	0.3264	0.0099	0.0448	0.0012	0.72525	282.5	9.3	286.6	7.6	276.0	53.0	282.5	9.3
GOE–1099_02	687	468	0.68	0.05215	0.00097	0.3305	0.0074	0.04596	0.00088	0.59454	289.7	8.1	289.8	5.6	287.0	43.0	289.7	8.1
GOE–1099_03	1134	648	0.57	0.05336	0.00079	0.3228	0.0062	0.04404	0.00083	0.55798	277.3	8.1	284.0	4.7	348.0	35.0	277.3	8.1
GOE–1099_04	948	718	0.76	0.05152	0.00065	0.3177	0.0053	0.04368	0.0009	0.62196	275.7	8.7	280.0	4.1	262.0	29.0	275.7	8.7
GOE–1099_05	978	784	0.80	0.05291	0.00074	0.3238	0.0056	0.0438	0.00058	0.53324	276.0	6.8	284.8	4.3	323.0	32.0	276.0	6.8
GOE–1099_08	509	158.4	0.31	0.05342	0.00083	0.3287	0.0078	0.0443	0.001	0.84979	278.9	8.7	288.5	5.9	343.0	35.0	278.9	8.7
GOE–1099_09	345	98.2	0.28	0.05215	0.00097	0.3431	0.0089	0.0469	0.001	0.75867	295.5	8.7	299.4	6.7	288.0	42.0	295.5	8.7
GOE–1099_10	337	159	0.47	0.0519	0.0011	0.3382	0.0089	0.0473	0.0012	0.61407	298.1	9.9	295.6	6.7	276.0	48.0	298.1	9.9
GOE–1099_11	426	131	0.31	0.0522	0.0011	0.3259	0.0075	0.0453	0.0011	0.79242	285.5	9.3	286.3	5.8	289.0	49.0	285.5	9.3
GOE–1099_12	309	107	0.35	0.05122	0.00096	0.335	0.011	0.047	0.0013	0.71115	296.4	10.6	293.2	8.7	247.0	43.0	296.4	10.6
GOE–1099_13	113.8	58.2	0.51	0.0518	0.0013	0.3173	0.0084	0.0443	0.0012	0.72595	279.5	9.3	279.7	6.5	267.0	57.0	279.5	9.3
GOE–1099_14	388	119.9	0.31	0.0527	0.0011	0.3246	0.0087	0.04499	0.00082	0.63676	283.4	8.1	285.3	6.6	312.0	48.0	283.4	8.1
GOE–1099_15	508	238	0.47	0.05221	0.00091	0.3352	0.0065	0.046	0.00055	0.36315	289.9	7.5	293.4	5.0	300.0	43.0	289.9	7.5
GOE–1099_16	515	176	0.34	0.05195	0.00096	0.31	0.0059	0.0436	0.0012	0.58779	275.0	10.0	274.1	4.6	279.0	42.0	275.0	10.0
GOE–1099_17	419	116.8	0.28	0.05256	0.00056	0.3219	0.0058	0.04392	0.0008	0.80942	276.8	8.1	283.3	4.4	308.0	24.0	276.8	8.1
GOE–1099_18	479	163.3	0.34	0.05728	0.00088	0.3477	0.0087	0.04413	0.00093	0.70192	276.5	8.0	302.8	6.6	508.0	37.0	276.5	8.0
GOE–1099_19	536	266	0.50	0.05208	0.00062	0.3215	0.0064	0.04429	0.00096	0.80931	279.3	8.7	282.9	4.9	287.0	28.0	279.3	8.7
GOE–1099_20	516	217	0.42	0.05149	0.00076	0.3125	0.0052	0.04384	0.00079	0.58296	276.7	8.1	276.1	4.0	260.0	34.0	276.7	8.1
GOE–1099_21	890	353	0.40	0.05271	0.0007	0.332	0.0088	0.04555	0.00095	0.87402	286.9	8.7	290.9	6.7	314.0	30.0	286.9	8.7
GOE–1099_23	730	290	0.40	0.05436	0.00074	0.3203	0.0072	0.04254	0.00098	0.83424	267.7	8.7	282.1	5.5	384.0	30.0	267.7	8.7
GOE–1099_24	112.9	64.3	0.57	0.051	0.0017	0.3126	0.0089	0.04382	0.00082	0.3112	276.7	8.1	276.1	6.9	235.0	72.0	276.7	8.1
GOE–1099_25	381	134	0.35	0.05145	0.00082	0.3276	0.0075	0.0455	0.001	0.76242	287.0	8.7	287.6	5.7	258.0	36.0	287.0	8.7
GOE–1099_26	466	185.1	0.40	0.05214	0.00059	0.3154	0.0083	0.0438	0.001	0.8854	276.2	8.7	278.2	6.4	290.0	26.0	276.2	8.7
GOE–1099_27	394	114.4	0.29	0.05143	0.00089	0.3167	0.0056	0.04442	0.00077	0.50033	280.3	8.1	279.3	4.3	257.0	40.0	280.3	8.1
GOE–1099_28	476	151.6	0.32	0.05461	0.00075	0.333	0.011	0.0439	0.0012	0.83123	276.0	9.3	291.3	8.0	394.0	31.0	276.0	9.3
GOE–1099_29	517.4	167.6	0.32	0.05307	0.00075	0.3087	0.0056	0.042	0.00086	0.69527	264.7	8.1	273.1	4.3	329.0	32.0	264.7	8.1
GOE–1099_30	267	75.9	0.28	0.0513	0.001	0.3321	0.0081	0.0463	0.001	0.53956	292.1	9.3	291.0	6.2	251.0	46.0	292.1	9.3
GOE–1099_31	477	223.9	0.47	0.0516	0.0011	0.3158	0.0081	0.0443	0.001	0.69223	279.5	8.7	280.8	6.2	263.0	47.0	279.5	8.7
GOE–1099_32	418	177.5	0.42	0.05248	0.00088	0.334	0.0052	0.04591	0.00045	0.085479	289.2	6.8	292.6	3.9	321.0	39.0	289.2	6.8
GOE–1099_33	446.8	163.7	0.37	0.05205	0.00076	0.3163	0.0054	0.04395	0.00056	0.57773	277.2	6.8	279.7	4.0	285.0	34.0	277.2	6.8
GOE–1099_34	434	119	0.27	0.05205	0.00078	0.3162	0.0061	0.04371	0.00072	0.72577	275.7	7.5	278.9	4.7	285.0	34.0	275.7	7.5
GOE–1099_35	692	248.3	0.36	0.05232	0.00083	0.3096	0.005	0.04313	0.00079	0.62575	272.0	7.5	273.8	3.9	303.0	37.0	272.0	7.5

Table 5. Zircon U–Pb data of the sample GOE–1099 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc 2σ
GOE–1099_36	442.4	215.6	0.49	0.05306	0.00093	0.339	0.01	0.0459	0.00093	0.82475	289.0	8.7	295.9	7.6	337.0	42.0	289.0	8.7
GOE–1099_38	699	385	0.55	0.05218	0.00058	0.3098	0.0045	0.0436	0.00073	0.7064	275.0	7.5	274.8	3.7	292.0	26.0	275.0	7.5
GOE–1099_39	502	262.2	0.52	0.05214	0.00078	0.3211	0.005	0.04519	0.00066	0.55015	284.9	7.5	282.7	3.8	289.0	34.0	284.9	7.5
GOE–1099_40	605	222.6	0.37	0.05223	0.0008	0.3054	0.0049	0.04214	0.00065	0.62256	265.9	6.9	270.6	3.8	299.0	37.0	265.9	6.9
GOE–1099_42	365	116.7	0.32	0.0555	0.0015	0.339	0.012	0.04451	0.00081	0.78139	279.5	8.1	295.8	8.7	434.0	62.0	279.5	8.1
GOE–1099_43	321	189	0.59	0.05206	0.00085	0.3229	0.0071	0.04514	0.00069	0.71816	284.6	7.5	284.0	5.5	285.0	37.0	284.6	7.5
GOE–1099_44	550	322	0.59	0.0516	0.00067	0.3177	0.0045	0.04448	0.00065	0.62214	280.6	7.5	280.1	3.5	266.0	30.0	280.6	7.5

Table 6. Zircon U–Pb data of the sample GOE–1100.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc 2σ
GOE–1100_08	822	612	0.74	0.0717	0.006	0.414	0.04	0.04255	0.00081	0.75715	262.0	8.7	353.0	29.0	900.0	170.0	262.0	8.7
GOE–1100_26	623	396	0.64	0.05571	0.00079	0.565	0.013	0.0734	0.0015	0.84311	456.8	15.8	454.5	8.2	438.0	32.0	456.8	15.8
GOE–1100_58	45.1	11.46	0.25	0.0723	0.0016	1.578	0.043	0.1572	0.0037	0.55737	939.2	33.5	961.0	17.0	990.0	46.0	939.2	33.5
GOE–1100_59	167.3	43.6	0.26	0.0695	0.0011	1.449	0.037	0.1493	0.0033	0.79131	896.5	31.9	911.0	15.0	911.0	32.0	896.5	31.9
GOE–1100_40	370	279	0.75	0.0512	0.0012	0.343	0.01	0.0483	0.001	0.59097	304.5	10.6	299.3	7.6	245.0	53.0	304.5	10.6
GOE–1100_37	703	537	0.76	0.05168	0.00094	0.3173	0.0089	0.0437	0.001	0.76034	275.8	10.0	279.7	6.8	267.0	41.0	275.8	10.0
GOE–1100_01	452	410	0.91	0.05144	0.00097	0.3176	0.0065	0.04485	0.00067	0.45547	283.0	8.7	279.9	5.0	256.0	43.0	283.0	8.7
GOE–1100_02	451.9	286.5	0.63	0.0533	0.001	0.2992	0.0062	0.04111	0.0006	0.37931	259.1	8.7	265.7	4.9	335.0	43.0	259.1	8.7
GOE–1100_03	438	473	1.08	0.0535	0.0013	0.3095	0.0085	0.0433	0.0011	0.57797	272.7	10.0	273.6	6.6	344.0	56.0	272.7	10.0
GOE–1100_04	491	267.3	0.54	0.0521	0.0011	0.3071	0.0064	0.04379	0.00065	0.40299	276.2	8.7	271.8	5.0	285.0	50.0	276.2	8.7
GOE–1100_05	339	290	0.86	0.05232	0.00096	0.3182	0.0077	0.0447	0.001	0.71418	281.8	10.0	280.4	5.9	295.0	43.0	281.8	10.0
GOE–1100_06	375	227	0.61	0.0513	0.0011	0.3098	0.0078	0.04443	0.00072	0.38737	280.4	9.3	273.8	6.0	260.0	51.0	280.4	9.3
GOE–1100_07	246	219	0.89	0.0506	0.0013	0.3161	0.0087	0.04587	0.00065	0.50415	289.6	9.4	278.7	6.7	218.0	56.0	289.6	9.4
GOE–1100_09	392.7	295	0.75	0.0526	0.0013	0.3187	0.0075	0.04434	0.00068	0.22742	279.4	8.7	280.8	5.7	314.0	59.0	279.4	8.7
GOE–1100_10	377	227.4	0.60	0.05083	0.0009	0.3084	0.0056	0.04481	0.00053	0.30402	283.0	8.7	272.9	4.3	229.0	41.0	283.0	8.7
GOE–1100_11	426	418	0.98	0.053	0.0015	0.3416	0.0096	0.0473	0.0011	0.38522	297.7	10.6	298.2	7.3	331.0	67.0	297.7	10.6
GOE–1100_12	403	54.8	0.14	0.0515	0.0011	0.2692	0.0076	0.03839	0.00074	0.7025	242.7	8.1	243.2	5.7	257.0	47.0	242.7	8.1
GOE–1100_13	848	636	0.75	0.05201	0.00095	0.2983	0.0079	0.04191	0.00077	0.63623	264.5	8.7	264.9	6.2	281.0	42.0	264.5	8.7
GOE–1100_14	422	395	0.94	0.0512	0.001	0.3165	0.0061	0.04518	0.00089	0.64054	285.1	10.0	279.1	4.7	253.0	47.0	285.1	10.0
GOE–1100_15	364	429	1.18	0.0508	0.0014	0.3036	0.0069	0.04335	0.00079	0.19123	273.9	9.4	269.1	5.4	225.0	63.0	273.9	9.4
GOE–1100_16	416	484	1.16	0.0514	0.0011	0.3048	0.0083	0.04287	0.00085	0.52478	270.7	9.4	270.0	6.5	253.0	50.0	270.7	9.4
GOE–1100_17	296	66	0.22	0.0525	0.0015	0.245	0.013	0.0353	0.0017	0.84898	223.1	12.5	222.0	11.0	311.0	61.0	223.1	12.5
GOE–1100_18	1028	356	0.35	0.05315	0.00098	0.3044	0.0067	0.04187	0.00083	0.60491	263.9	9.3	269.8	5.2	331.0	42.0	263.9	9.3
GOE–1100_19	330	262	0.79	0.0503	0.0013	0.308	0.01	0.04354	0.00073	0.46773	275.2	8.7	272.7	8.1	230.0	66.0	275.2	8.7
GOE–1100_20	430	420	0.98	0.05156	0.00098	0.3143	0.0074	0.0444	0.0008	0.49161	280.2	9.3	277.4	5.7	262.0	43.0	280.2	9.3
GOE–1100_21	255	204	0.80	0.0516	0.0014	0.3202	0.0084	0.04508	0.00094	0.48786	284.4	10.0	281.9	6.5	261.0	60.0	284.4	10.0
GOE–1100_22	280	134.5	0.48	0.0518	0.001	0.3215	0.0085	0.045	0.0011	0.64097	283.8	10.6	282.9	6.5	274.0	46.0	283.8	10.6
GOE–1100_23	398	390	0.98	0.05121	0.00092	0.3111	0.006	0.04451	0.00079	0.57539	281.0	9.3	274.9	4.6	246.0	41.0	281.0	9.3
GOE–1100_24	422	484	1.15	0.0516	0.00099	0.3223	0.0068	0.04452	0.00092	0.59536	280.9	10.0	283.5	5.2	263.0	44.0	280.9	10.0
GOE–1100_25	212	138.1	0.65	0.0516	0.0017	0.313	0.011	0.04353	0.00066	0.39103	274.7	8.7	276.0	8.8	257.0	74.0	274.7	8.7
GOE–1100_27	573	175	0.31	0.05099	0.00095	0.3074	0.007	0.04341	0.00088	0.6071	274.2	10.0	272.1	5.4	245.0	40.0	274.2	10.0
GOE–1100_28	207	180	0.87	0.0514	0.0012	0.3176	0.0095	0.04426	0.00085	0.55734	279.3	9.3	279.8	7.3	253.0	55.0	279.3	9.3
GOE–1100_29	751	655	0.87	0.05225	0.00087	0.301	0.0076	0.04162	0.00082	0.53266	262.6	8.7	267.0	5.9	293.0	39.0	262.6	8.7
GOE–1100_30	514	458	0.89	0.0524	0.0011	0.3179	0.0089	0.0438	0.0013	0.75574	276.1	11.2	280.1	6.9	299.0	49.0	276.1	11.2
GOE–1100_31	485	386	0.80	0.0509	0.0014	0.314	0.01	0.0448	0.0015	0.66213	282.9	11.8	277.1	8.0	228.0	60.0	282.9	11.8
GOE–1100_32	310	200.2	0.65	0.0528	0.0013	0.3084	0.0071	0.04206	0.00067	0.31833	265.2	8.7	272.8	5.5	335.0	54.0	265.2	8.7
GOE–1100_33	419	448	1.07	0.0518	0.001	0.3104	0.0078	0.04433	0.0008	0.50812	279.6	9.3	274.4	6.1	271.0	46.0	279.6	9.3
GOE–1100_34	627	598	0.95	0.05068	0.00094	0.3003	0.0072	0.0426	0.001	0.70683	269.2	10.0	266.5	5.7	232.0	40.0	269.2	10.0

Table 6. Zircon U–Pb data of the sample GOE–1100 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc 2σ
GOE–1100_35	556	422	0.76	0.0523	0.0011	0.2764	0.0059	0.03894	0.00085	0.49437	245.9	8.7	247.7	4.7	294.0	49.0	245.9	8.7
GOE–1100_36	340	161.4	0.47	0.0545	0.0016	0.3395	0.0088	0.04504	0.00079	0.027713	283.1	9.3	296.7	6.7	409.0	65.0	283.1	9.3
GOE–1100_38	623	496	0.80	0.0518	0.0011	0.3076	0.0068	0.0428	0.0013	0.60302	270.1	11.2	272.2	5.3	270.0	48.0	270.1	11.2
GOE–1100_39	871	501	0.58	0.05216	0.00096	0.3235	0.0078	0.04542	0.00074	0.68299	286.3	9.3	284.5	6.0	288.0	42.0	286.3	9.3
GOE–1100_41	306	207.9	0.68	0.0524	0.0012	0.313	0.01	0.04424	0.00088	0.53205	278.9	9.3	277.6	8.2	296.0	54.0	278.9	9.3
GOE–1100_42	562	582	1.04	0.0527	0.0012	0.3174	0.008	0.04323	0.00086	0.69267	272.5	9.3	279.7	6.2	310.0	51.0	272.5	9.3
GOE–1100_43	710	574	0.81	0.05173	0.00097	0.3183	0.0055	0.0444	0.00088	0.41379	280.1	9.3	280.5	4.2	278.0	41.0	280.1	9.3
GOE–1100_44	507	403	0.79	0.0517	0.001	0.3087	0.0087	0.04279	0.00081	0.74266	270.1	9.4	273.0	6.7	276.0	43.0	270.1	9.4
GOE–1100_45	399	170.7	0.43	0.0519	0.0011	0.3197	0.0071	0.04448	0.00067	0.31252	280.5	8.7	281.6	5.5	274.0	50.0	280.5	8.7
GOE–1100_46	541	491	0.91	0.0536	0.0012	0.338	0.0066	0.0459	0.0012	0.76983	288.8	11.2	296.7	5.4	356.0	54.0	288.8	11.2
GOE–1100_47	414	238.4	0.58	0.0524	0.0012	0.3169	0.0072	0.04409	0.00093	0.55351	277.9	10.0	279.4	5.5	298.0	52.0	277.9	10.0
GOE–1100_48	549	469	0.85	0.054	0.0014	0.3246	0.0097	0.0435	0.001	0.3905	273.7	9.9	285.2	7.4	363.0	60.0	273.7	9.9
GOE–1100_49	415	299	0.72	0.0517	0.0013	0.296	0.01	0.0418	0.0011	0.63824	263.9	10.0	262.6	8.2	280.0	59.0	263.9	10.0
GOE–1100_50	338	187.4	0.55	0.0521	0.0012	0.3163	0.0088	0.0446	0.001	0.71823	281.2	10.0	278.9	6.8	282.0	51.0	281.2	10.0
GOE–1100_51	398	233	0.59	0.0545	0.0016	0.331	0.015	0.0439	0.0011	0.71762	276.0	9.9	292.0	12.0	383.0	65.0	276.0	9.9
GOE–1100_52	273.2	124.6	0.46	0.0514	0.001	0.3242	0.0078	0.04557	0.00067	0.70019	287.5	9.3	285.0	6.0	262.0	43.0	287.5	9.3
GOE–1100_53	329	288	0.88	0.0522	0.0016	0.323	0.01	0.04518	0.00091	0.44547	284.8	10.0	284.2	7.6	285.0	70.0	284.8	10.0
GOE–1100_54	264	190	0.72	0.0511	0.0013	0.3214	0.0091	0.04544	0.00095	0.46705	286.8	10.0	282.8	7.0	241.0	56.0	286.8	10.0
GOE–1100_55	343	322.4	0.94	0.05166	0.00097	0.3299	0.0062	0.04669	0.00079	0.47979	294.4	9.9	289.4	4.7	266.0	43.0	294.4	9.9
GOE–1100_56	255.4	179.4	0.70	0.0535	0.0013	0.3281	0.0075	0.04434	0.00075	0.33507	279.1	9.3	288.0	5.7	344.0	55.0	279.1	9.3

Table 7. Zircon U–Pb data of the sample GR–6872B.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GR–6872B_47	102	83	0.81	0.0507	0.0047	0.148	0.012	0.02207	0.00062	0.1	140.4	6.4	142.0	12.0	210.0	180.0	140.4	6.4
GR–6872B_03	69	75	1.09	0.101	0.026	1.84	0.73	0.118	0.018	0.72064	687.1	104.1	900.0	190.0	1330.0	380.0	687.1	104.1
GR–6872B_36	4360	2470	0.57	0.171	0.015	1.26	0.12	0.0546	0.0018	0.49852	293.3	15.8	819.0	52.0	2540.0	140.0	293.3	15.8
GR–6872B_53	970	266	0.27	0.0569	0.0018	0.367	0.011	0.0463	0.0013	0.1	290.1	13.0	317.2	8.4	480.0	72.0	290.1	13.0
GR–6872B_17	384	212.2	0.55	0.056	0.0013	0.358	0.011	0.0455	0.00074	0.42215	285.4	11.2	310.2	8.3	448.0	49.0	285.4	11.2
GR–6872B_43	402	236.6	0.59	0.0661	0.0048	0.425	0.04	0.0458	0.001	0.57276	283.7	11.8	357.0	28.0	760.0	150.0	283.7	11.8
GR–6872B_51	848	275.7	0.33	0.0604	0.0052	0.346	0.026	0.04233	0.0009	0.22404	264.4	11.2	300.0	19.0	550.0	160.0	264.4	11.2
GR–6872B_11	1155	197	0.17	0.0613	0.0011	0.358	0.015	0.0421	0.0016	0.85199	262.6	13.6	310.0	11.0	647.0	37.0	262.6	13.6
GR–6872B_50	2220	322	0.15	0.0581	0.0018	0.3036	0.0076	0.0383	0.0017	0.70112	240.2	13.0	269.1	5.9	523.0	66.0	240.2	13.0
GR–6872B_33	595	232.2	0.39	0.0552	0.0013	0.2901	0.0061	0.03796	0.0009	0.61902	238.9	10.0	258.6	4.8	424.0	49.0	238.9	10.0
GR–6872B_26	585	135.4	0.23	0.056	0.0015	0.2922	0.0067	0.03744	0.00059	0.21717	235.5	9.3	260.2	5.2	445.0	58.0	235.5	9.3
GR–6872B_41	1324	319.1	0.24	0.0566	0.0011	0.2739	0.0061	0.03499	0.00069	0.42558	220.1	8.7	245.7	4.9	481.0	40.0	220.1	8.7
GR–6872B_40	6760	750	0.11	0.0713	0.0031	0.304	0.0063	0.0316	0.0015	0.65738	195.3	11.7	269.4	4.9	965.0	88.0	195.3	11.7
GR–6872B_06	220	111	0.50	0.0499	0.0011	0.349	0.01	0.0514	0.0014	0.6902	324.3	14.3	303.6	7.6	185.0	52.0	324.3	14.3
GR–6872B_59	30400	8800	0.29	0.05248	0.00095	0.345	0.027	0.0482	0.0042	0.97936	303.4	27.9	300.0	20.0	302.0	42.0	303.4	27.9
GR–6872B_25	779	131.1	0.17	0.05167	0.00086	0.3405	0.0065	0.0483	0.00081	0.6021	304.4	11.8	298.4	5.1	268.0	38.0	304.4	11.8
GR–6872B_62	1540	210.8	0.14	0.05041	0.00081	0.3226	0.0079	0.0469	0.0013	0.80162	296.1	13.1	283.8	6.1	219.0	40.0	296.1	13.1
GR–6872B_44	505	382	0.76	0.05326	0.00098	0.3373	0.0064	0.0462	0.00064	0.24923	290.7	11.2	295.1	4.8	336.0	41.0	290.7	11.2
GR–6872B_01	859	157.3	0.18	0.05305	0.00085	0.3379	0.0069	0.04612	0.00063	0.69465	290.3	11.2	295.4	5.3	335.0	38.0	290.3	11.2
GR–6872B_23	595	117.5	0.20	0.05259	0.00086	0.3318	0.0074	0.04607	0.00074	0.56913	290.2	11.2	290.8	5.7	317.0	34.0	290.2	11.2
GR–6872B_08	727	155.8	0.21	0.0519	0.0011	0.3296	0.0096	0.046	0.0013	0.70338	290.0	13.1	289.0	7.3	276.0	49.0	290.0	13.1
GR–6872B_58	3760	636	0.17	0.05186	0.00064	0.3257	0.0066	0.04597	0.0008	0.82392	289.8	11.2	287.2	5.2	277.0	28.0	289.8	11.2
GR–6872B_20	451	314	0.70	0.05261	0.00098	0.3351	0.0068	0.04597	0.00066	0.39774	289.6	11.2	293.3	5.2	308.0	42.0	289.6	11.2
GR–6872B_14	306	215	0.70	0.0518	0.0012	0.332	0.01	0.04569	0.00094	0.61283	288.1	11.8	293.6	7.2	270.0	55.0	288.1	11.8
GR–6872B_22	599	154.3	0.26	0.05147	0.00084	0.3209	0.0063	0.04547	0.00076	0.62523	286.8	11.2	282.5	4.8	259.0	37.0	286.8	11.2
GR–6872B_15	598	164.8	0.28	0.05115	0.00089	0.3225	0.0074	0.04543	0.00074	0.59056	286.7	11.2	283.7	5.7	244.0	40.0	286.7	11.2
GR–6872B_02	495	191.9	0.39	0.05209	0.00086	0.3295	0.0068	0.04547	0.00086	0.69671	286.6	11.2	289.1	5.2	286.0	38.0	286.6	11.2
GR–6872B_49	1269	346	0.27	0.05212	0.0007	0.3203	0.0075	0.04507	0.00094	0.76847	284.1	11.8	282.0	5.8	289.0	31.0	284.1	11.8
GR–6872B_55	1062	96.5	0.09	0.0517	0.0011	0.3139	0.007	0.04487	0.00088	0.51261	283.0	11.2	277.1	5.4	266.0	49.0	283.0	11.2
GR–6872B_48	735	277.8	0.38	0.05173	0.00094	0.3213	0.0086	0.04463	0.00091	0.73831	281.5	11.2	282.7	6.6	270.0	41.0	281.5	11.2
GR–6872B_09	872	450	0.52	0.05148	0.00073	0.3194	0.0073	0.04438	0.00094	0.77154	280.1	11.8	281.3	5.6	260.0	33.0	280.1	11.8
GR–6872B_19	488	289	0.59	0.0535	0.0011	0.33	0.008	0.04442	0.00061	0.49929	279.6	10.6	289.4	6.1	355.0	41.0	279.6	10.6
GR–6872B_12	727	600	0.83	0.0538	0.0013	0.3295	0.007	0.0444	0.00096	0.38087	279.4	11.8	289.1	5.4	354.0	55.0	279.4	11.8
GR–6872B_46	484	365	0.75	0.052	0.0011	0.315	0.011	0.0443	0.0012	0.71848	279.4	12.5	278.2	8.1	280.0	48.0	279.4	12.5
GR–6872B_10	733	475	0.65	0.05296	0.00099	0.3258	0.0059	0.04433	0.00059	0.42769	279.2	10.6	286.3	4.5	323.0	42.0	279.2	10.6
GR–6872B_60	401	402	1.00	0.05198	0.00065	0.3172	0.0074	0.0442	0.0011	0.8297	278.8	11.8	279.7	5.7	283.0	28.0	278.8	11.8
GR–6872B_45	878	874	1.00	0.05157	0.00091	0.3144	0.0066	0.04411	0.00085	0.64482	278.4	11.2	277.5	5.1	263.0	40.0	278.4	11.2
GR–6872B_18	694	169.5	0.24	0.05201	0.00099	0.3181	0.0079	0.0441	0.0011	0.7475	278.1	11.8	281.5	6.4	289.0	42.0	278.1	11.8

Table 7. Zircon U–Pb data of the sample GR–6872B *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
GR–6872B_27	697	204.4	0.29	0.05222	0.00087	0.3141	0.0065	0.0441	0.00071	0.54143	278.1	10.6	278.2	5.2	292.0	38.0	278.1	10.6
GR–6872B_28	430	138.7	0.32	0.0524	0.0011	0.3208	0.0095	0.04409	0.00087	0.48537	277.9	11.2	283.8	6.9	300.0	46.0	277.9	11.2
GR–6872B_13	367	330	0.90	0.0517	0.0014	0.318	0.013	0.044	0.0016	0.72601	277.6	14.3	280.3	9.9	267.0	61.0	277.6	14.3
GR–6872B_29	902	259.9	0.29	0.0519	0.001	0.3122	0.0042	0.04393	0.00079	0.33919	277.1	11.2	275.9	3.3	274.0	45.0	277.1	11.2
GR–6872B_16	255	132.7	0.52	0.0521	0.0011	0.3174	0.0064	0.04393	0.00082	0.47569	277.0	11.2	279.8	5.0	292.0	52.0	277.0	11.2
GR–6872B_57	767	672	0.88	0.05223	0.00093	0.319	0.0065	0.04393	0.0008	0.74621	277.0	11.2	281.1	5.0	291.0	41.0	277.0	11.2
GR–6872B_05	812	252.4	0.31	0.05118	0.00059	0.3142	0.0072	0.04381	0.00093	0.82562	276.6	11.2	277.3	5.6	247.0	27.0	276.6	11.2
GR–6872B_21	501	119.8	0.24	0.05208	0.00091	0.312	0.0058	0.04385	0.00087	0.63361	276.6	11.2	275.7	4.4	285.0	40.0	276.6	11.2
GR–6872B_32	322	221	0.69	0.0524	0.0011	0.3171	0.0075	0.04371	0.00072	0.44938	275.6	10.6	279.5	5.8	297.0	48.0	275.6	10.6
GR–6872B_04	1087	845	0.78	0.0529	0.001	0.3195	0.0061	0.04371	0.00074	0.45101	275.4	10.6	281.5	4.7	321.0	44.0	275.4	10.6
GR–6872B_24	571	158.5	0.28	0.05236	0.00087	0.3106	0.0083	0.04358	0.00097	0.61097	274.8	11.8	274.5	6.4	298.0	38.0	274.8	11.8
GR–6872B_52	657	282	0.43	0.0556	0.00092	0.3344	0.0054	0.04367	0.0007	0.17918	274.2	10.6	292.9	4.1	433.0	38.0	274.2	10.6
GR–6872B_54	1181	494	0.42	0.05217	0.0007	0.3105	0.0045	0.04336	0.00065	0.55727	273.5	10.6	274.5	3.5	291.0	30.0	273.5	10.6
GR–6872B_39	314	194	0.62	0.0515	0.0012	0.311	0.012	0.0433	0.0014	0.68997	273.3	13.1	274.9	9.0	258.0	55.0	273.3	13.1
GR–6872B_30	583	619	1.06	0.05253	0.00092	0.3071	0.0056	0.04301	0.00082	0.55411	271.2	11.2	271.9	4.4	305.0	40.0	271.2	11.2
GR–6872B_07	480	292.6	0.61	0.05109	0.00089	0.3041	0.0061	0.04269	0.00087	0.52951	269.7	11.2	269.5	4.7	241.0	40.0	269.7	11.2
GR–6872B_34	632	203	0.32	0.05143	0.00084	0.3021	0.0056	0.04264	0.00078	0.59635	269.2	10.6	268.0	4.3	257.0	37.0	269.2	10.6
GR–6872B_35	638	171.6	0.27	0.05242	0.00084	0.3076	0.0067	0.0426	0.00091	0.71702	268.7	11.2	273.4	5.5	301.0	37.0	268.7	11.2
GR–6872B_31	390	303.7	0.78	0.055	0.0017	0.326	0.011	0.04268	0.0008	0.56345	268.3	10.6	286.3	8.7	399.0	69.0	268.3	10.6
GR–6872B_56	379	323.9	0.85	0.0523	0.0012	0.3035	0.0089	0.04246	0.00072	0.60843	267.8	10.6	268.9	6.9	291.0	53.0	267.8	10.6
GR–6872B_38	319	141	0.44	0.0525	0.0013	0.3015	0.0088	0.04218	0.0008	0.50603	266.0	10.6	267.4	6.9	301.0	56.0	266.0	10.6
GR–6872B_61	399	342	0.86	0.0525	0.0012	0.2997	0.0082	0.04201	0.00086	0.46685	265.0	10.6	266.0	6.4	299.0	53.0	265.0	10.6
GR–6872B_42	631	565	0.90	0.055	0.0017	0.3207	0.0094	0.04212	0.0008	0.36491	264.8	10.6	282.2	7.2	414.0	72.0	264.8	10.6
GR–6872B_63	881	202.3	0.23	0.05214	0.00089	0.3053	0.0062	0.04194	0.00077	0.75801	264.6	10.6	270.4	4.8	288.0	39.0	264.6	10.6
GR–6872B_37	1006	173.1	0.17	0.0533	0.001	0.3023	0.0057	0.04154	0.00086	0.58074	261.8	10.6	268.2	4.4	338.0	43.0	261.8	10.6

Table 8. Zircon U–Pb data of the sample JPZ–010A.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
JP2–010_A_46	1139	1296	1.14	0.0884	0.0026	0.55	0.015	0.04505	0.00071	0.12463	271.3	8.9	443.4	9.7	1377.0	58.0	271.3	8.9
JP2–010_A_15	496	223	0.45	0.0747	0.0014	0.945	0.025	0.0945	0.0014	0.70002	571.5	16.4	678.0	13.0	1058.0	37.0	571.5	16.4
JP2–010_A_27	699	405.1	0.58	0.0603	0.0019	0.357	0.012	0.04386	0.00047	0.4638	273.8	7.0	309.0	8.8	592.0	68.0	273.8	7.0
JP2–010_A_54	545	257	0.47	0.0576	0.0015	0.3313	0.0094	0.04157	0.00046	0.33714	260.6	6.7	289.6	7.2	485.0	56.0	260.6	6.7
JP2–010_A_67	366	249	0.68	0.0583	0.0033	0.459	0.033	0.0563	0.0023	0.45617	351.0	16.5	383.0	23.0	540.0	130.0	351.0	16.5
JP2–010_A_70	1029	455	0.44	0.057	0.0026	0.406	0.024	0.051	0.0014	0.72866	319.0	11.7	344.0	17.0	515.0	98.0	319.0	11.7
JP2–010_A_34	1133	833	0.74	0.05767	0.00095	0.3686	0.0067	0.0464	0.00044	0.47491	290.4	7.6	318.5	5.0	515.0	38.0	290.4	7.6
JP2–010_A_57	726	243	0.33	0.05596	0.00093	0.342	0.0067	0.04388	0.00062	0.52785	275.4	7.5	298.6	5.1	443.0	38.0	275.4	7.5
JP2–010_A_33	775	471	0.61	0.0564	0.0014	0.3302	0.0096	0.04265	0.00047	0.59866	267.7	6.9	288.5	7.3	442.0	54.0	267.7	6.9
JP2–010_A_45	1300	1470	1.13	0.0544	0.0011	0.3697	0.0087	0.04976	0.00066	0.38824	312.4	8.2	318.5	6.5	376.0	46.0	312.4	8.2
JP2–010_A_38	447	202.9	0.45	0.0515	0.0012	0.3477	0.0083	0.04883	0.0005	0.18626	307.7	7.5	303.5	6.1	248.0	51.0	307.7	7.5
JP2–010_A_29	357	351	0.98	0.0513	0.0018	0.314	0.013	0.04533	0.00083	0.3822	286.0	8.0	278.6	9.8	247.0	73.0	286.0	8.0
JP2–010_A_26	1057	922	0.87	0.0512	0.0012	0.3128	0.0072	0.04518	0.00042	0.26731	285.1	6.9	276.3	5.5	245.0	51.0	285.1	6.9
JP2–010_A_21	428	251	0.59	0.0533	0.0017	0.324	0.011	0.04497	0.00048	0.23457	283.1	6.9	283.6	8.2	319.0	66.0	283.1	6.9
JP2–010_A_20	1092	841	0.77	0.05184	0.00092	0.3146	0.0062	0.04473	0.00043	0.40265	282.1	6.9	277.7	4.8	265.0	39.0	282.1	6.9
JP2–010_A_22	840	522	0.62	0.0492	0.0013	0.2991	0.0078	0.04449	0.00045	0.18186	281.5	6.8	266.3	6.2	164.0	54.0	281.5	6.8
JP2–010_A_28	1197	786	0.66	0.0516	0.001	0.3144	0.0068	0.04458	0.00049	0.38854	281.3	6.9	277.3	5.2	269.0	43.0	281.3	6.9
JP2–010_A_07	583	303	0.52	0.052	0.0021	0.314	0.014	0.0446	0.0012	0.57375	281.3	9.8	278.0	11.0	288.0	84.0	281.3	9.8
JP2–010_A_24	608	379	0.62	0.0515	0.0014	0.3031	0.0084	0.04359	0.00052	0.31217	275.1	6.8	267.8	6.6	248.0	56.0	275.1	6.8
JP2–010_A_04	982	793	0.81	0.0502	0.00098	0.2922	0.0062	0.04311	0.00042	0.31876	272.6	6.7	260.9	4.9	202.0	42.0	272.6	6.7
JP2–010_A_12	357	161.3	0.45	0.0513	0.0014	0.3068	0.008	0.04315	0.00047	0.16521	272.5	6.8	271.3	6.3	266.0	58.0	272.5	6.8
JP2–010_A_32	744	422	0.57	0.0519	0.0014	0.3022	0.0087	0.04318	0.00054	0.30414	272.4	6.8	268.1	6.7	272.0	58.0	272.4	6.8
JP2–010_A_18	522	281.5	0.54	0.0537	0.0014	0.3074	0.0096	0.04318	0.00063	0.51938	271.8	7.4	271.6	7.5	343.0	57.0	271.8	7.4
JP2–010_A_08	610	404	0.66	0.0512	0.001	0.2973	0.0061	0.04292	0.0004	0.21476	271.1	6.6	264.6	4.7	238.0	43.0	271.1	6.6
JP2–010_A_11	559	193.6	0.35	0.051	0.0011	0.2978	0.0068	0.04287	0.00041	0.22665	270.8	6.6	265.3	5.3	234.0	46.0	270.8	6.6
JP2–010_A_05	602	311.4	0.52	0.0506	0.0011	0.2955	0.0069	0.04281	0.00042	0.31058	270.6	6.7	263.6	5.3	215.0	46.0	270.6	6.7
JP2–010_A_01	1224	1239	1.01	0.0514	0.0011	0.2996	0.007	0.04274	0.00037	0.30499	269.9	6.6	265.5	5.5	258.0	48.0	269.9	6.6
JP2–010_A_25	563.1	272.5	0.48	0.0498	0.0014	0.2907	0.0084	0.04263	0.00047	0.20997	269.7	6.8	258.7	6.7	188.0	60.0	269.7	6.8
JP2–010_A_35	458	218.6	0.48	0.0526	0.0013	0.3088	0.0076	0.04277	0.00043	0.17948	269.7	6.7	272.5	6.0	306.0	54.0	269.7	6.7
JP2–010_A_14	542	263.2	0.49	0.0515	0.0011	0.3008	0.007	0.04263	0.0004	0.34124	269.2	6.7	267.2	5.3	259.0	48.0	269.2	6.7
JP2–010_A_19	764	444	0.58	0.0519	0.0011	0.3019	0.0067	0.0426	0.00042	0.30365	268.8	6.7	267.3	5.2	270.0	45.0	268.8	6.7
JP2–010_A_41	451	262	0.58	0.0514	0.0013	0.3041	0.0078	0.0425	0.00041	0.32895	268.4	6.7	270.7	6.0	254.0	52.0	268.4	6.7
JP2–010_A_30	786	502	0.64	0.05	0.0013	0.2923	0.0073	0.04242	0.00039	0.1893	268.3	6.6	260.6	5.7	196.0	53.0	268.3	6.6
JP2–010_A_09	409	185.1	0.45	0.0515	0.0012	0.2975	0.0076	0.04248	0.00042	0.26704	268.2	6.6	264.1	5.9	250.0	51.0	268.2	6.6
JP2–010_A_03	540	301	0.56	0.0529	0.0015	0.3096	0.0084	0.04252	0.00043	0.20865	268.0	6.7	274.5	6.4	316.0	59.0	268.0	6.7
JP2–010_A_16	457.9	196.3	0.43	0.0538	0.0014	0.3073	0.0085	0.04254	0.00047	0.33309	267.8	6.9	272.2	6.5	366.0	55.0	267.8	6.9
JP2–010_A_17	427	170.2	0.40	0.0497	0.0014	0.2876	0.0084	0.04221	0.00039	0.33887	267.1	6.5	257.3	6.6	179.0	56.0	267.1	6.5
JP2–010_A_23	963	626	0.65	0.0516	0.0012	0.2968	0.0072	0.04229	0.00049	0.38992	267.0	6.8	264.5	5.6	254.0	49.0	267.0	6.8

Table 8. Zircon U–Pb data of the sample JPZ–010A *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
JP2–010_A_56	463	154.4	0.33	0.0511	0.0011	0.3023	0.0067	0.04225	0.00041	0.26933	266.9	6.6	268.0	5.3	235.0	47.0	266.9	6.6
JP2–010_A_53	501	153.8	0.31	0.051	0.0016	0.3003	0.0093	0.04221	0.00055	0.2862	266.7	6.8	266.0	7.2	231.0	65.0	266.7	6.8
JP2–010_A_10	552	344.4	0.62	0.0511	0.0011	0.294	0.0067	0.0422	0.00048	0.40964	266.6	6.8	262.3	5.2	241.0	47.0	266.6	6.8
JP2–010_A_42	469	282	0.60	0.0523	0.0013	0.304	0.0084	0.04226	0.00046	0.36816	266.6	6.7	268.5	6.5	285.0	53.0	266.6	6.7
JP2–010_A_71	778	413.5	0.53	0.0535	0.0013	0.3183	0.0092	0.04223	0.00051	0.52706	266.0	6.9	280.0	7.0	336.0	54.0	266.0	6.9
JP2–010_A_69	782	519	0.66	0.0532	0.0013	0.3135	0.0075	0.04221	0.00046	0.3615	266.0	6.8	277.2	5.9	330.0	49.0	266.0	6.8
JP2–010_A_36	507	254	0.50	0.0502	0.0011	0.2903	0.0066	0.042	0.00041	0.32529	265.7	6.6	258.6	5.3	201.0	47.0	265.7	6.6
JP2–010_A_48	873	749	0.86	0.0523	0.0015	0.3127	0.0095	0.04211	0.00052	0.26799	265.7	6.8	275.4	7.4	291.0	62.0	265.7	6.8
JP2–010_A_06	429	210	0.49	0.0548	0.0018	0.317	0.011	0.0422	0.00046	0.35559	265.4	6.8	278.0	8.7	375.0	71.0	265.4	6.8
JP2–010_A_65	972	1064	1.09	0.0517	0.0013	0.308	0.0083	0.042	0.00044	0.40274	265.2	6.7	271.7	6.4	261.0	52.0	265.2	6.7
JP2–010_A_31	835	574.7	0.69	0.0507	0.0013	0.291	0.0076	0.0419	0.00038	0.25852	264.9	6.5	260.0	5.8	218.0	53.0	264.9	6.5
JP2–010_A_60	686	342	0.50	0.0506	0.001	0.2988	0.0063	0.0418	0.00037	0.31027	264.3	6.4	266.6	4.9	220.0	43.0	264.3	6.4
JP2–010_A_13	386	202.7	0.53	0.0542	0.0015	0.3108	0.0092	0.04198	0.00047	0.34902	264.2	6.8	276.5	7.0	380.0	58.0	264.2	6.8
JP2–010_A_61	485	199.4	0.41	0.0516	0.0013	0.3028	0.0077	0.04182	0.00041	0.22732	264.1	6.5	267.8	6.0	259.0	55.0	264.1	6.5
JP2–010_A_44	802	694	0.87	0.0532	0.0014	0.3103	0.0091	0.04186	0.0005	0.37597	263.8	6.8	274.0	7.1	316.0	57.0	263.8	6.8
JP2–010_A_37	409	176.3	0.43	0.0509	0.0012	0.2927	0.007	0.04161	0.00041	0.20521	263.0	6.5	260.9	5.5	246.0	52.0	263.0	6.5
JP2–010_A_55	581	194.6	0.33	0.0506	0.0012	0.2952	0.0074	0.04152	0.00041	0.40214	262.5	6.5	261.8	5.8	225.0	49.0	262.5	6.5
JP2–010_A_64	619	460	0.74	0.0516	0.0016	0.3055	0.0091	0.04156	0.0005	0.24416	262.5	6.8	270.7	7.1	267.0	64.0	262.5	6.8
JP2–010_A_49	1349	969	0.72	0.0521	0.001	0.3016	0.0062	0.04148	0.0004	0.35141	261.8	6.5	267.5	4.9	274.0	42.0	261.8	6.5
JP2–010_A_68	851	548	0.64	0.0509	0.0013	0.2957	0.0077	0.0414	0.00044	0.35969	261.7	6.6	263.7	6.1	220.0	52.0	261.7	6.6
JP2–010_A_50	757	352	0.46	0.0519	0.0013	0.3038	0.0083	0.04144	0.00044	0.25432	261.6	6.6	269.5	6.4	278.0	54.0	261.6	6.6
JP2–010_A_39	341	139.9	0.41	0.0522	0.0015	0.2968	0.0081	0.04142	0.00049	0.21758	261.4	6.7	264.0	6.5	282.0	62.0	261.4	6.7
JP2–010_A_02	1750	1089	0.62	0.0532	0.00085	0.2972	0.0085	0.04147	0.00092	0.78622	261.4	8.6	264.3	6.5	336.0	37.0	261.4	8.6
JP2–010_A_47	1126	894	0.79	0.051	0.0012	0.295	0.0075	0.04135	0.00041	0.41041	261.3	6.5	262.6	6.0	233.0	49.0	261.3	6.5
JP2–010_A_40	275.7	121.7	0.44	0.0513	0.0015	0.2952	0.0092	0.04134	0.00049	0.40178	261.2	6.7	261.5	7.2	251.0	60.0	261.2	6.7
JP2–010_A_75	755	530	0.70	0.052	0.0014	0.3026	0.0083	0.04132	0.00039	0.31743	260.8	6.5	268.1	6.4	267.0	56.0	260.8	6.5
JP2–010_A_63	587	416.2	0.71	0.0505	0.0014	0.2945	0.0091	0.04118	0.00048	0.44522	260.4	6.6	261.5	7.2	227.0	59.0	260.4	6.6
JP2–010_A_58	714	286	0.40	0.0522	0.0011	0.3017	0.0059	0.04124	0.0004	0.20751	260.3	6.5	267.3	4.7	283.0	45.0	260.3	6.5
JP2–010_A_66	1011	825	0.82	0.0507	0.0012	0.296	0.0072	0.04106	0.00039	0.34948	259.6	6.4	262.5	5.7	225.0	51.0	259.6	6.4
JP2–010_A_59	447	164.4	0.37	0.0508	0.0013	0.2906	0.008	0.04091	0.00048	0.45154	258.7	6.6	259.1	6.2	217.0	52.0	258.7	6.6
JP2–010_A_73	742	533	0.72	0.0521	0.0014	0.3012	0.0089	0.04094	0.00041	0.42902	258.4	6.5	266.8	6.9	271.0	55.0	258.4	6.5
JP2–010_A_74	900	715	0.79	0.0516	0.0011	0.294	0.007	0.04082	0.00043	0.43153	257.8	6.4	261.5	5.4	264.0	47.0	257.8	6.4
JP2–010_A_62	218.6	80.1	0.37	0.0505	0.002	0.29	0.011	0.04076	0.00053	0.1267	257.8	6.8	257.7	8.9	203.0	79.0	257.8	6.8
JP2–010_A_72	844	471	0.56	0.051	0.0013	0.294	0.008	0.04076	0.00049	0.32086	257.7	6.6	260.8	6.2	231.0	54.0	257.7	6.6
JP2–010_A_43	622	447	0.72	0.0515	0.0014	0.2896	0.0085	0.04074	0.00047	0.36126	257.4	6.6	257.8	6.7	248.0	58.0	257.4	6.6
JP2–010_A_52	671	265	0.39	0.0518	0.0013	0.2969	0.0084	0.04069	0.00041	0.45535	257.0	6.4	263.5	6.5	259.0	52.0	257.0	6.4
JP2–010_A_51	813	437	0.54	0.0516	0.0013	0.2938	0.0073	0.04066	0.00042	0.27733	256.8	6.4	261.7	5.8	247.0	53.0	256.8	6.4

Table 9. Zircon U–Pb data of the sample MGOQ–008.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
MGO–008_12	6.33	31.5	4.98	0.695	0.032	17.28	0.82	0.1739	0.0062	0.36705	276.2	151.7	2923.0	47.0	4710.0	79.0	276.2	151.7
MGO–008_11	45	25.6	0.57	0.0775	0.0031	2.034	0.078	0.1894	0.0027	0.11662	1117.3	31.5	1130.0	27.0	1104.0	80.0	1104.0	80.0
MGO–008_20	75.7	32	0.42	0.0704	0.0019	1.423	0.041	0.1476	0.0016	0.5364	885.7	23.8	893.0	17.0	924.0	54.0	924.0	54.0
MGO–008_02	82.1	38.1	0.46	0.0829	0.0058	0.494	0.036	0.0424	0.0011	0.3299	257.4	9.7	406.0	24.0	1250.0	130.0	257.4	9.7
MGO–008_03	90.5	44.6	0.49	0.0701	0.005	0.428	0.031	0.04397	0.00092	0.122	271.2	8.9	358.0	22.0	850.0	140.0	271.2	8.9
MGO–008_05	81.5	53	0.65	0.0742	0.009	0.432	0.055	0.0424	0.001	0.28467	260.2	9.8	351.0	37.0	790.0	220.0	260.2	9.8
MGO–008_19	54.1	23.1	0.43	0.09	0.011	0.561	0.076	0.0457	0.0021	0.46217	274.6	15.1	437.0	47.0	1310.0	260.0	274.6	15.1
MGO–008_21	48.6	22.9	0.47	0.0671	0.0079	0.388	0.043	0.0443	0.0012	0.01471	274.2	10.2	334.0	31.0	710.0	230.0	274.2	10.2
MGO–008_27	44.1	51.8	1.17	0.0644	0.0092	0.34	0.044	0.0387	0.0011	0.020144	240.7	9.0	288.0	33.0	510.0	250.0	240.7	9.0
MGO–008_28	82.5	77.7	0.94	0.0729	0.0049	0.432	0.029	0.04363	0.00073	0.051972	268.1	8.5	361.0	20.0	940.0	140.0	268.1	8.5
MGO–008_29	184	211	1.15	0.06	0.0044	0.339	0.025	0.04162	0.00077	0.20421	260.1	8.2	298.0	19.0	550.0	140.0	260.1	8.2
MGO–008_37	141.6	128.4	0.91	0.0599	0.0042	0.338	0.023	0.04167	0.00085	0.05821	260.5	8.2	295.0	17.0	540.0	140.0	260.5	8.2
MGO–008_18	111	85	0.77	0.0505	0.0023	0.384	0.019	0.0548	0.0013	0.36462	345.1	11.1	330.0	14.0	236.0	86.0	345.1	11.1
MGO–008_26	93.2	111.8	1.20	0.0527	0.0034	0.357	0.024	0.04892	0.0009	0.1563	307.8	9.3	302.0	18.0	320.0	120.0	307.8	9.3
MGO–008_01	88.2	64.8	0.73	0.056	0.0033	0.341	0.02	0.04384	0.00063	0.035198	275.2	7.6	299.0	15.0	420.0	110.0	275.2	7.6
MGO–008_04	69.9	30.58	0.44	0.0511	0.0041	0.286	0.022	0.04062	0.00072	0.086925	256.8	7.5	259.0	18.0	220.0	140.0	256.8	7.5
MGO–008_06	131.5	82.2	0.63	0.0532	0.0031	0.327	0.019	0.04464	0.00063	0.15403	281.1	7.5	285.0	15.0	290.0	110.0	281.1	7.5
MGO–008_07	265	192	0.72	0.0563	0.0026	0.344	0.016	0.0442	0.00064	0.030088	277.3	7.5	303.0	12.0	463.0	96.0	277.3	7.5
MGO–008_08	133.9	106.1	0.79	0.051	0.0034	0.299	0.02	0.04167	0.00059	0.082591	263.3	6.9	265.0	15.0	230.0	120.0	263.3	6.9
MGO–008_09	199.1	226.9	1.14	0.0532	0.0027	0.301	0.015	0.04116	0.0006	0.06316	259.5	6.9	266.0	12.0	310.0	100.0	259.5	6.9
MGO–008_10	170	264	1.55	0.0544	0.0032	0.32	0.019	0.04326	0.00065	0.13044	272.1	7.5	285.0	14.0	380.0	110.0	272.1	7.5
MGO–008_13	112.7	71.2	0.63	0.0502	0.003	0.297	0.018	0.04252	0.00066	0.1884	268.9	7.4	259.0	14.0	160.0	110.0	268.9	7.4
MGO–008_14	175.9	129.9	0.74	0.0525	0.0025	0.296	0.014	0.04074	0.00051	0.12334	257.1	6.8	262.0	11.0	311.0	95.0	257.1	6.8
MGO–008_15	114.2	73.4	0.64	0.0537	0.003	0.308	0.017	0.04191	0.00062	0.054591	264.0	7.5	271.0	13.0	330.0	110.0	264.0	7.5
MGO–008_16	52.2	26	0.50	0.0517	0.0039	0.298	0.022	0.04361	0.00081	0.10985	275.2	8.1	273.0	19.0	250.0	140.0	275.2	8.1
MGO–008_17	76.5	36.3	0.47	0.0576	0.0033	0.337	0.02	0.04269	0.00069	0.23823	267.5	7.6	292.0	15.0	440.0	110.0	267.5	7.6
MGO–008_22	67.1	52.8	0.79	0.0508	0.003	0.285	0.016	0.04088	0.00064	0.10108	258.5	7.4	252.0	13.0	250.0	120.0	258.5	7.4
MGO–008_23	96.8	56.3	0.58	0.0538	0.0028	0.307	0.016	0.04196	0.00055	0.1009	264.2	6.9	272.0	12.0	320.0	100.0	264.2	6.9
MGO–008_24	118.3	89.8	0.76	0.0558	0.0033	0.305	0.018	0.04006	0.00068	0.11411	251.8	7.5	273.0	14.0	420.0	120.0	251.8	7.5
MGO–008_25	45	38	0.84	0.0509	0.0044	0.293	0.024	0.04189	0.0008	0.1	264.7	8.1	261.0	19.0	230.0	150.0	264.7	8.1
MGO–008_30	64.8	55.2	0.85	0.0476	0.0047	0.277	0.028	0.04143	0.00077	0.1	262.9	7.5	248.0	22.0	90.0	170.0	262.9	7.5
MGO–008_31	236.9	309	1.30	0.0532	0.0025	0.295	0.014	0.04064	0.00052	0.22205	256.2	6.8	261.0	11.0	298.0	92.0	256.2	6.8
MGO–008_32	100	74	0.74	0.0539	0.0033	0.311	0.019	0.04287	0.00069	0.24008	269.9	7.5	273.0	15.0	320.0	110.0	269.9	7.5
MGO–008_33	140.3	105.7	0.75	0.0538	0.0033	0.302	0.018	0.04174	0.00063	0.07187	262.9	7.5	268.0	14.0	300.0	120.0	262.9	7.5

Table 9. Zircon U–Pb data of the sample MGOQ–008 *(continued)*.

Analysis name	U (ppm)	Th (ppm)	Th/U	$^{207}Pb/^{206}Pb$	±2σ abs	$^{207}Pb/^{235}U$	±2σ abs	$^{206}Pb/^{238}U$	±2σ abs	Error correlation	$^{206}Pb/^{238}U$ age (Ma)	±2σ	$^{207}Pb/^{235}U$ age (Ma)	±2σ	$^{207}Pb/^{206}Pb$ age (Ma)	±2σ	Best age (Ma)	Unc ± 2σ
MGO–008_34	152.2	140.4	0.92	0.0577	0.0032	0.321	0.018	0.04149	0.00051	0.078438	260.1	7.0	284.0	13.0	480.0	110.0	260.1	7.0
MGO–008_35	187	234	1.25	0.0562	0.0033	0.315	0.018	0.04142	0.0006	0.1	260.1	6.9	278.0	14.0	400.0	110.0	260.1	6.9
MGO–008_36	262	242	0.92	0.0517	0.0022	0.295	0.013	0.0425	0.00056	0.29093	268.3	6.9	262.0	10.0	242.0	85.0	268.3	6.9
MGO–008_38	112.4	82.2	0.73	0.0539	0.0044	0.297	0.024	0.04098	0.00075	0.13568	258.1	7.5	265.0	18.0	320.0	150.0	258.1	7.5
MGO–008_39	63.2	50.2	0.79	0.0558	0.0049	0.308	0.027	0.04195	0.00088	0.11199	263.5	8.1	273.0	20.0	400.0	160.0	263.5	8.1
MGO–008_40	65.7	70.9	1.08	0.0564	0.0048	0.32	0.027	0.04174	0.0008	0.14866	262.0	8.1	285.0	20.0	440.0	150.0	262.0	8.1