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Table 7s U-Pb data for Qinghu Zircon

Analysis	Pb[a] [ppm]	U[a] [ppm]	Th/U	^{207}Pb[b] [cps]	^{238}U[b] [cps]	RATIOS							AGES [Ma]					
						$^{207}Pb/^{206}Pb$[c]	2s	$^{207}Pb/^{235}U$[c]	2s	$^{206}Pb/^{238}U$[c]	2s	rho[d]	$^{207}Pb/^{206}Pb$	2s	$^{207}Pb/^{235}U$	2s	$^{206}Pb/^{238}U$	2s
Date: 2016-6-7																		
Qinghu-1	27	856	0.4	536	452027	0.0486	0.0015	0.1673	0.0084	0.0249	0.0010	0.77	128	61	157	7	159	6
Qinghu-2	28	860	0.5	543	470107	0.0486	0.0016	0.1676	0.0084	0.0249	0.0009	0.75	128	81	157	7	159	6
Qinghu-3	20	647	0.4	432	366397	0.0507	0.0020	0.1725	0.0100	0.0247	0.0011	0.79	228	83	162	9	157	7
Qinghu-4	21	661	0.5	442	385842	0.0491	0.0019	0.1687	0.0091	0.0249	0.0010	0.71	150	93	158	8	158	6
Qinghu-5	30	941	0.5	654	547816	0.0499	0.0014	0.1720	0.0078	0.0250	0.0008	0.75	187	67	161	7	159	5
Qinghu-6	15	502	0.3	354	291738	0.0517	0.0024	0.1771	0.0098	0.0249	0.0008	0.60	272	107	166	8	159	5
Qinghu-7	19	610	0.4	383	323608	0.0498	0.0021	0.1704	0.0100	0.0248	0.0010	0.70	187	35	160	9	158	6
Qinghu-8	27	852	0.5	528	467751	0.0474	0.0016	0.1637	0.0077	0.0250	0.0009	0.77	78	81	154	7	159	6
Qinghu-9	46	1473	0.4	976	838264	0.0493	0.0013	0.1696	0.0085	0.0250	0.0011	0.91	161	63	159	7	159	7
Qinghu-10	21	633	0.5	431	369580	0.0492	0.0017	0.1694	0.0080	0.0250	0.0009	0.78	167	81	159	7	159	6
Qinghu-11	29	929	0.5	615	540633	0.0488	0.0016	0.1675	0.0082	0.0249	0.0009	0.74	200	78	157	7	158	6
Qinghu-12	31	984	0.5	686	571489	0.0505	0.0015	0.1744	0.0075	0.0250	0.0007	0.67	217	61	163	6	159	5
Qinghu-13	22	646	0.5	420	344572	0.0489	0.0020	0.1737	0.0103	0.0256	0.0011	0.72	143	96	163	9	163	7
Qinghu-14	32	980	0.6	636	541275	0.0494	0.0015	0.1694	0.0084	0.0248	0.0009	0.76	169	80	159	7	158	6
Qinghu-15	24	731	0.5	516	418159	0.0498	0.0017	0.1716	0.0070	0.0250	0.0008	0.75	187	87	161	6	159	5
Qinghu-16	29	882	0.6	620	514487	0.0503	0.0016	0.1726	0.0074	0.0249	0.0008	0.73	209	83	162	6	158	5
Qinghu-17	19	619	0.3	423	360081	0.0500	0.0019	0.1720	0.0089	0.0249	0.0008	0.63	195	85	161	8	159	5
Qinghu-18	34	1092	0.5	725	634016	0.0486	0.0015	0.1665	0.0081	0.0249	0.0010	0.79	128	61	156	7	158	6
Qinghu-19	25	791	0.5	487	423803	0.0486	0.0015	0.1665	0.0086	0.0248	0.0011	0.83	132	69	156	7	158	7
Qinghu-20	36	1077	0.6	705	597307	0.0492	0.0014	0.1689	0.0071	0.0249	0.0008	0.81	167	67	158	6	158	5
Qinghu-21	33	1026	0.5	685	589883	0.0488	0.0014	0.1686	0.0085	0.0250	0.0011	0.84	139	67	158	7	159	7
Qinghu-22	27	833	0.5	570	485647	0.0499	0.0018	0.1704	0.0088	0.0248	0.0010	0.80	187	81	160	8	158	6

Qinghu-23	28	887	0.4	588	516147	0.0483	0.0016	0.1653	0.0091	0.0248	0.0010	0.74	122	74	155	8	158	6
Qinghu-24	34	1082	0.5	740	628251	0.0498	0.0015	0.1710	0.0088	0.0249	0.0010	0.79	183	67	160	8	158	6
Qinghu-25	19	626	0.4	393	337027	0.0494	0.0019	0.1676	0.0083	0.0247	0.0011	0.86	169	89	157	7	157	7
Qinghu-26	39	1166	0.7	752	650213	0.0481	0.0013	0.1653	0.0070	0.0249	0.0009	0.82	106	122	155	6	159	5
Qinghu-27	26	816	0.5	569	471924	0.0506	0.0017	0.1772	0.0100	0.0253	0.0010	0.73	233	78	166	9	161	7
Qinghu-28	35	1037	0.7	739	604779	0.0514	0.0017	0.1770	0.0088	0.0249	0.0010	0.78	257	74	165	8	159	6
Qinghu-29	30	917	0.5	636	533267	0.0487	0.0016	0.1732	0.0084	0.0259	0.0010	0.80	132	74	162	7	165	6
Qinghu-30	34	1105	0.3	777	641121	0.0511	0.0016	0.1764	0.0099	0.0250	0.0012	0.83	256	70	165	9	159	7

[a] U and Pb concentrations and Th/U ratios are calculated relative to NIST 610 with laser fluence of 4 J/cm^2 and repitition of 4 Hz

[b] Within-run background-corrected mean ^{207}Pb and ^{238}U signal in counts per second [cps]

[c] Corrected for background and within-run Pb/U fractionation and normalised to reference zircon GJ-1; ^{207}Pb/^{235}U calculated using (^{207}Pb/^{206}Pb)/(^{238}U/^{206}Pb * 1/137.818)

[d] Rho is the error correlation defined as the quotient of the propagated relative errors of the ^{206}Pb/^{238}U and the ^{207}Pb/^{235}U ratio