

Fraction	Dates (Ma)				Composition				Isotopic Ratios												Fraction
	$^{206}\text{Pb}/^{238}\text{U}$ <sup>a</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup> abs	$^{207}\text{Pb}/^{235}\text{U}$ <sup>a</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup> abs	$^{207}\text{Pb}/^{206}\text{Pb}$ <sup>a</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup> abs	Corr. coef.	% disc <sup>b</sup>	Th/U <sup>c</sup>	Pb* (pg) <sup>d</sup>	Pbc (pg) <sup>e</sup>	Pb*/Pbc <sup>f</sup>	$^{206}\text{Pb}/^{204}\text{Pb}$ <sup>g</sup>	$^{206}\text{Pb}/^{238}\text{U}$ <sup>h</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup>	$^{207}\text{Pb}/^{235}\text{U}$ <sup>a</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup>	$^{207}\text{Pb}/^{206}\text{Pb}$ <sup>a</sup>	$\hat{\Delta}\pm 2\hat{\sigma}_f$ <sup>a</sup>	%	
zircon																					
z1	70.568	0.038	70.42	0.20	65.4	6.5	0.525	-7.95	0.08	20.1	0.49	41	2793	0.0110070	0.054	0.07181	0.30	0.04732	0.27	z1	
z2	70.556	0.036	70.74	0.14	76.9	4.4	0.577	8.30	0.31	42.0	0.66	64	4045	0.0110051	0.051	0.07215	0.21	0.047550	0.19	z2	
z3	70.544	0.034	70.54	0.11	70.5	3.3	0.565	-0.04	0.61	58.7	0.55	107	6238	0.0110033	0.048	0.07194	0.16	0.047422	0.14	z3	
z4	70.562	0.036	70.53	0.13	69.6	4.0	0.594	-1.35	0.28	34.4	0.44	78	4950	0.0110060	0.051	0.07194	0.19	0.047404	0.17	z4	
z5	70.566	0.038	70.48	0.23	67.7	7.2	0.547	-4.31	0.34	26.9	0.72	38	2363	0.0110067	0.054	0.07188	0.33	0.04736	0.30	z5	
z6	70.524	0.039	70.60	0.24	73.3	7.8	0.491	3.78	0.47	19.3	0.50	39	2354	0.0110001	0.056	0.07201	0.35	0.04748	0.33	z6	
z7	70.557	0.044	70.51	0.27	68.9	8.8	0.536	-2.40	0.36	13.4	0.40	34	2106	0.0110053	0.062	0.07191	0.40	0.04739	0.37	z7	
z8	70.573	0.035	70.62	0.12	72.2	3.7	0.588	2.20	0.36	49.1	0.59	83	5171	0.0110077	0.049	0.07202	0.18	0.047454	0.16	z8	
z9	70.556	0.035	70.64	0.13	73.6	3.8	0.663	4.11	0.83	44.7	0.42	105	5808	0.0110051	0.050	0.07205	0.19	0.047483	0.16	z9	
z10	70.570	0.035	70.66	0.13	73.7	4.1	0.548	4.26	0.80	41.6	0.44	95	5257	0.0110073	0.049	0.07207	0.19	0.047485	0.17	z10	
z11	70.559	0.036	70.61	0.14	72.2	4.4	0.485	2.34	0.78	39.3	0.44	90	5020	0.0110056	0.051	0.07201	0.20	0.047456	0.18	z11	
z12	70.530	0.035	70.55	0.12	71.2	3.6	0.587	0.92	0.85	52.4	0.47	111	6075	0.0110011	0.049	0.07195	0.17	0.047435	0.15	z12	
z13	70.538	0.034	70.58	0.11	72.0	3.4	0.548	2.06	0.59	68.5	0.68	100	5890	0.0110023	0.048	0.07198	0.16	0.047452	0.14	z13	
z14	70.533	0.037	70.62	0.18	73.6	5.7	0.580	4.15	0.80	41.1	0.73	56	3133	0.0110016	0.052	0.07203	0.27	0.04748	0.24	z14	

a Isotopic dates calculated using the decay constants  $\lambda^{238} = 1.55125\text{E-}10$  and  $\lambda^{235} = 9.8485\text{E-}10$  (Jaffey et al. 1971).

b % discordance =  $100 - (100 * (^{206}\text{Pb}/^{238}\text{U} \text{ date}) / (^{207}\text{Pb}/^{206}\text{Pb} \text{ date}))$

c Th contents calculated from radiogenic  $^{208}\text{Pb}$  and the  $^{207}\text{Pb}/^{206}\text{Pb}$  date of the sample, assuming concordance between U-Th and Pb systems.

d Total mass of radiogenic Pb.

e Total mass of common Pb.

f Ratio of radiogenic Pb (including  $^{208}\text{Pb}$ ) to common Pb.

g Measured ratio corrected for fractionation and spike contribution only.

h Measured ratios corrected for fractionation, tracer and blank.