

Table 1. Zircon U-Pb Isotope Data

Ages calculated using the computer program Isoplot by Ludwig (1998).

Oliver et al., p.1

Sample No.	Morphology	U_{tot}/Pb^*	Atomic ratios				Ages (Ma)		
			$^{204}Pb/^{206}Pb_m$	$^{206}Pb/^{238}U_c$	$^{207}Pb/^{235}U_c$	$^{207}Pb/^{206}Pb_c$	$^{206}Pb/^{238}U$	$^{207}Pb/^{235}U$	$^{207}Pb/^{206}Pb$
St 02	brown, prismatic, idiomorphic $\sim 200\mu m$	14.4633	1100	0.13556 ± 80	1.2546 ± 30	0.06724 ± 31	819.5 ± 4.5	825.4 ± 1.3	845 ± 10
		14.7701	1425	0.11424 ± 89	1.0125 ± 81	0.06532 ± 25	697.3 ± 5.1	710.1 ± 4.1	785 ± 09
		15.0152	1312	0.10957 ± 75	0.9650 ± 95	0.06601 ± 32	670.2 ± 4.3	685.8 ± 4.9	807 ± 10
		16.1123	890	0.13354 ± 78	1.2236 ± 120	0.06694 ± 41	808.0 ± 4.4	811.4 ± 5.5	836 ± 13
		14.2455	1054	0.13440 ± 132	1.2412 ± 99	0.06735 ± 38	812.9 ± 7.5	819.4 ± 4.5	848 ± 12
		13.8544	965	0.12800 ± 77	1.1654 ± 43	0.06677 ± 29	776.4 ± 4.4	784.4 ± 2.0	831 ± 09
	clear, prismatic, idiomorphic $\sim 100\mu m$	14.8745	1423	0.07612 ± 40	0.5952 ± 40	0.05661 ± 37	472.9 ± 2.4	474.2 ± 2.5	476 ± 14
		14.8457	1278	0.07623 ± 30	0.5959 ± 20	0.05659 ± 33	473.5 ± 1.8	474.6 ± 1.3	475 ± 13

m = measured Pb ratio; c = ratio corrected for common lead (Stacy & Kramers 1975); spike, fraction and blank; Uncertainties are quoted at 2σ errors.

Sample No.	Zircon colour and morphology	Grain No.	Mass scans	Evaporation temp. In $^{\circ}C$	Mean $^{207}Pb/^{206}Pb$ ratio and $2\sigma m$ error	Mean $^{207}Pb/^{206}Pb$ age and error
KA 03	Brown, idiomorphic, long prismatic $\sim 200\mu m$	1	176	1600	0.055644 ± 41	438.2 ± 1.7
		2	187	1600	0.056146 ± 29	458.2 ± 1.2
		3	321	1610	0.056293 ± 17	463.9 ± 0.7
		4	309	1600	0.056227 ± 14	461.3 ± 0.5
	brown, prismatic, idiomorphic, $\sim 200\mu m$	993	1	127	0.056130 ± 23	457.5 ± 0.9
St 02			1600		0.067228 ± 81	844.9 ± 2.5

Table 2, Garnet Sm-Nd Isotope Data

Oliver et al., p. 2

Ages were calculated using the computer program Isoplot by Ludwig (1998).

Sample	Step	¹⁴⁷ Sm	¹⁴³ Nd		
		¹⁴⁴ Nd	¹⁴⁴ Nd		
GT-1					
garnet*	R1	0.5018	0.51285 ± 11		
	R2	0.646	0.513293 ± 12		
WR		0.1011	0.511609 ± 9		
KH-1					
WR		0.1016	0.511624 ± 10		
garnet*	R1	3.4331	0.521817 ± 60		
garnet**	R2	2.0737	0.517670 ± 30		
RG3b					
garnet*	R1	1.5637	0.516452 ± 12		
WR		0.116	0.512010 ± 9		
WR: whole rock					
garnet*: leached in 6N HCl, ground to ca. 0.1mm, then leached in 14N HNO ₃ , before composition					
garnet**: leached in 6N HCl, 14N HBr, 22N HF, and 14N HNO ₃ , respectively.					
R1 and R2: residue after leaching					
Ages	Uncertainties are quoted at 2 sigma errors				
GT1:	WR-R1-R2, 472 ± 2 Ma; WR-R2, 471.8 ± 2.0 Ma				
RG3b:	WR-R1, 468.7 ± 1.5 Ma				
KH-1:	WR-R1, 467.1 ± 3.4 Ma, WR-R2, 468.1 ± 3.3 Ma; WR-R1-R2, 467.6 ± 2.5 Ma				