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A revised Aquitanian age for the emplacement of the Ronda peridotites (Betic Cordilleras, southern Spain)

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Appendix Table 1. SHRIMP U-Pb isotopic data for analyzed zircons

Spot Name	Info	$^{206}Pb_c$ (%)	U (ppm)	Th (ppm)	$^{232}Th / ^{238}U$	$^{206}Pb^*$ (ppm)	(1)Age (Ma) $^{206}Pb - ^{238}U$	(1)Age (Ma) $^{207}Pb - ^{206}Pb$	Dis. %	(1) $^{238}U / ^{206}Pb^*$	± (%)	(1) $^{207}Pb^* / ^{206}Pb^*$	± (%)
Migmatite (Guadaiza nappe)													
Gu-35.6.1	r	13.54	557	23	0.04	1.9	21.7 ± 1.1	1309 ± 750	5944	297.0	5.0	0.085	39.0
Gu-35.9.1	r	3.14	621	19	0.03	1.9	22.2 ± 0.6	-257 ± 830	-1257	289.9	2.8	0.041	33.0
Gu-35.7.1	r	1.06	2485	37	0.02	7.5	22.4 ± 0.4	-132 ± 270	-688	287.6	1.9	0.044	11.0
Gu-35.4.1	r-c	2.86	818	30	0.04	4.8	42.7 ± 1.0	36 ± 550	-16.77	150.6	2.3	0.047	23.0
Gu-35.2.3	c	0.17	221	136	0.64	30.7	966 ± 14	993 ± 36	2.84	6.189	1.6	0.072	1.8
Gu-35.4.2	c	0.57	67	21	0.32	9.6	993 ± 17	972 ± 83	-2.05	6.01	1.8	0.072	4.1
Gu-35.5.1	c	0.25	143	38	0.27	25.5	1213 ± 18	1208 ± 40	-0.42	4.83	1.6	0.080	2.0
Gu-35.5.2	c	0.16	199	74	0.38	35.8	1223 ± 17	1251 ± 25	2.29	4.789	1.6	0.082	1.3
Gu-35.1.1	c	0.03	604	52	0.09	232	2383 ± 30	2824 ± 5	18.50	2.236	1.5	0.200	0.3
Gu-35.1.2	c	0.07	310	75	0.25	125	2476 ± 31	2662 ± 8	7.51	2.136	1.5	0.181	0.5
Granite dyke (Sierra Bermeja)													
tb-06-838.4.1	r	6.12	286	17	0.06	0.9	22.4 ± 1.3	1521 ± 720	6705	288	5.7	0.095	38.0
tb-06-838.3.2	r	5.78	294	25	0.09	1.0	22.9 ± 1.3	690 ± 1300	2915	281	5.8	0.063	62.0
tb-06-838.6.2	r-c	1.51	381	32	0.09	4.2	81.1 ± 1.6	67 ± 350	-17.78	79	2.0	0.047	15.0
tb-06-838.1.1	r-c	1.93	245	44	0.18	3.8	114 ± 2.4	496 ± 290	333.2	55.8	2.1	0.057	13.0
tb-06-838.5.2	r-c	0.75	359	86	0.25	39.1	763 ± 12	2295 ± 32	200.73	7.95	1.6	0.146	1.8
tb-06-838.4.3	c	----	503	132	0.27	21.3	310 ± 5	547 ± 62	76.37	20.3	1.6	0.059	2.9
tb-06-838.6.1	c	1.33	149	136	0.94	7.0	338 ± 6	336 ± 210	-0.43	18.57	1.8	0.053	9.4
tb-06-838.2.1	c	0.75	135	64	0.49	6.7	360 ± 7	611 ± 240	69.63	17.39	1.9	0.060	11.0
tb-06-838.7.2	c	0.15	897	6	0.01	48.9	396 ± 6	554 ± 52	39.69	15.77	1.5	0.059	2.4
tb-06-838.3.1	c	----	678	380	0.58	42.2	451 ± 7	492 ± 27	9.10	13.8	1.5	0.057	1.2
tb-06-838.1.2	c	0.26	332	165	0.51	24.4	527 ± 8	543 ± 49	3.05	11.74	1.6	0.058	2.3
tb-06-838.5.1	c	0.03	245	128	0.54	90.6	2305 ± 37	2591 ± 57	12.42	2.326	1.9	0.174	3.4
Granite dyke (Sierra Alpujata)													
tb-06-842.2.2	r	8.52	883	6	0.01	2.5	19.4 ± 1.0	----	----	304.2 [T]	1.8	0.078 [T]	10
tb-06-842.3.1	r	18.61	386	3	0.01	1.5	22.1 ± 1.2	1777 870	7926	225.9 [T]	2.1	0.271 [T]	10
tb-06-842.6.2	r	16.39	355	2	0.01	1.3	22.1 ± 1.4	----	----	243.4 [T]	2.7	0.142 [T]	11
tb-06-842.5.3	r	11.15	205	2	0.01	0.7	22.6 ± 2.1	----	----	252.86 [T]	2.8	0.122 [T]	16.2
tb-06-842.4.2	r	----	400	4	0.01	1.3	23.7 ± 0.6	2093 130	8749	272 [T]	2.4	0.129 [T]	7.5
tb-06-842.1.1	c	0.56	210	55	0.27	13.9	477 ± 7	531 110	11.42	13.02	1.5	0.058	4.8
tb-06-842.5.1	c	0.29	260	178	0.71	23.6	646 ± 8	623 52	-3.64	9.48	1.3	0.061	2.4
tb-06-842.4.1	c	0.05	357	376	1.09	118.0	2092 ± 22	2069 9	-1.12	2.608	1.3	0.128	0.5
tb-06-842.6.1	c	0.04	150	76	0.52	50.8	2139 ± 25	2167 13	1.31	2.541	1.3	0.135	0.8
tb-06-842.3.2	c	0.12	182	124	0.70	66.3	2281 ± 25	2479 11	8.68	2.354	1.3	0.162	0.6
tb-06-842.2.1	c	0.98	32	31	1.01	14.3	2685 ± 40	2525 33	-5.96	1.929	1.8	0.167	2.0

- r: external rim / c: core / r-c: mixed rim and core analyses
- Errors are 1-sigma; Pb_c and Pb* indicate the common and radiogenic portions. respectively.
- Error in Temora Standard calibration was 0.54 % (Gu-35 & tb-06-838) and 0.58 % (tb-06-842).
- (1) Common Pb corrected using measured ^{204}Pb.
- (T) Total (uncorrected for Pb_c) ratios.