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Electronic Appendix to

A PETROGRAPHIC AND U-PB GEOCHRONOLOGICAL APPROACH
TO THE RECONSTRUCTION OF THE PRE-ALPINE HISTORY
OF ALPI APUANE (TUSCANY)

by Diego Pieruccioni ⁽¹⁾, Simone Vezzoni ⁽¹⁾, Maurizio Petrelli ⁽²⁾⁽³⁾

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Tab. 2 - U-Pb LA-ICP-MS zircon data on the samples studied in this work.

Electronic Supplementary Material: LA-ICP-MS U-Pb zircon data												
Spot #	Date - Time	Radiogenic ratios				ρ	Age (Ma)		Concordance			
		$^{207}\text{Pb}/^{235}\text{U}$	$\pm 2\sigma$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm 2\sigma$		$^{207}\text{Pb}/^{235}\text{U}$	$\pm 2\sigma$	$^{206}\text{Pb}/^{238}\text{U}$	$\pm 2\sigma$	%	
PDRF-4 sample												
74	/10/2017 - 16:31:19.39	0.993	0.12	0.114	0.0023	0.5515	696	13	671	160	99.7	
75	/10/2017 - 16:33:01.80	0.945	0.12	0.1097	0.0016	0.46942	670.8	9.5	525	130	99.5	
76	/10/2017 - 16:34:33.90	0.883	0.11	0.1038	0.0015	0.37252	636.6	8.5	612	140	99.5	
77	/10/2017 - 16:36:09.17	1.669	0.21	0.17	0.0042	0.60331	1003	23	1041	240	100.9	
78	/10/2017 - 16:37:41.16	1.633	0.2	0.1654	0.0029	0.51495	982	16	963	220	100.4	
79	/10/2017 - 16:39:15.74	1.29	0.16	0.1383	0.0014	0.066851	834	8	787	180	100.1	
80	/10/2017 - 16:40:50.73	1.136	0.14	0.1272	0.002	0.22262	769	11	752	170	100.4	
81	/10/2017 - 16:42:27.73	1.34	0.22	0.1365	0.004	0.13317	821	23	820	200	100.4	
82	/10/2017 - 16:44:09.38	0.894	0.11	0.1059	0.0016	0.36102	647.8	9.6	873	220	100.1	
83	/10/2017 - 16:45:28.90	0.993	0.12	0.1143	0.0019	0.48	700	11	675	160	99.6	
84	/10/2017 - 16:47:02.31	0.963	0.12	0.1109	0.0012	0.11057	682	6.7	643	150	99.4	
85	/10/2017 - 16:48:35.07	12.93	1.7	0.467	0.016	0.6103	2678	71	2458	550	92.1	
86	/10/2017 - 16:50:09.75	0.857	0.11	0.1042	0.0027	0.49636	627	16	633	150	101.8	
87	/10/2017 - 16:51:42.74	1.164	0.14	0.1279	0.0024	0.60944	781	14	756	180	99.2	
88	/10/2017 - 16:53:22.20	1005	0.13	0.1151	0.0051	0.82999	704	30	742	170	99.6	
89	/10/2017 - 16:54:49.52	1741	0.22	0.1724	0.0037	0.68659	1022	21	1023	240	100.3	
90	/10/2017 - 16:56:22.51	0.972	0.13	0.1096	0.0035	0.41582	685	20	734	170	97.8	
91	/10/2017 - 16:57:56.90	1633	0.2	0.1651	0.0028	0.24708	980	16	1003	230	100.5	
92	/10/2017 - 16:59:30.68	1798	0.23	0.1747	0.0032	0.15264	1040	17	1036	240	99.8	
93	/10/2017 - 17:01:03.97	1706	0.21	0.169	0.0028	0.34827	1005	16	924	210	100.3	
94	/10/2017 - 17:02:43.89	12.29	1.5	0.5023	0.007	0.6613	2624	30	2489	550	99.9	
95	/10/2017 - 17:04:13.60	1725	0.21	0.1709	0.0028	0.1265	1015	15	1007	230	100.2	
96	/10/2017 - 17:05:46.39	0.903	0.11	0.1069	0.0015	0.32901	655	8.8	652	150	99.9	
97	/10/2017 - 17:07:17.75	1.06	0.18	0.1187	0.0066	0.4435	724	38	834	210	99.9	
98	/10/2017 - 17:08:51.04	0.869	0.12	0.1045	0.0038	0.49619	631	22	910	240	101.4	
99	/10/2017 - 17:18:11.73	1.87	0.26	0.1729	0.0057	0.053843	1049	32	996	230	97.9	
100	/10/2017 - 17:19:50.36	1792	0.23	0.1742	0.0035	0.21797	1035	19	1033	240	99.9	
101	/10/2017 - 17:21:46.62	1009	0.13	0.1145	0.0016	0.36009	707	9.3	2870	670	98.8	
102	/10/2017 - 17:22:58.02	1267	0.16	0.1365	0.0019	0.32534	828	11	842	200	99.6	

103	/10/2017 - 17:24:31.35	1071	0.13	0.1204	0.0013	0.30023	735	66	732.7	7.5	668	160	99.7
104	/10/2017 - 17:26:09.45	1478	0.2	0.1554	0.0025	0.36449	919	75	930	14	858	200	101.2
105	/10/2017 - 17:27:41.86	7418	0.9	0.3573	0.004	0.76767	2162.1	110	1969	19	1931	430	91.1
106	/10/2017 - 17:29:11.89	12.23	1.5	0.5034	0.007	0.48258	2621	120	2631	29	2467	550	100.4
107	/10/2017 - 17:30:45.64	0.686	0.085	0.0812	0.0013	0.56813	531	54	503	7.7	495	120	94.7
108	/10/2017 - 17:32:18.09	1288	0.17	0.136	0.0032	0.12967	833	78	822	18	822	190	98.7
109	/10/2017 - 17:33:52.04	0.789	0.1	0.0956	0.0016	0.1415	588	56	588.3	9.1	570	130	100.1
110	/10/2017 - 17:35:23.13	0.783	0.1	0.0947	0.0016	-0.038605	585	56	583.2	9.7	586	140	99.7
111	/10/2017 - 17:36:58.21	0.857	0.12	0.1031	0.0025	0.066167	623	64	632	14	640	150	101.4
112	/10/2017 - 17:38:30.13	1328	0.17	0.1443	0.0022	0.26447	851	72	870	12	855	130	102.2
113	/10/2017 - 17:40:04.33	1227	0.15	0.1343	0.0016	0.1805	812	67	810.1	8.4	742	170	99.8
114	/10/2017 - 17:41:49.74	15.26	1.9	0.5503	0.0065	0.69607	2831	120	2826	27	2719	600	99.8
115	/10/2017 - 17:43:21.53	14.4	1.8	0.5374	0.0081	0.80519	2775	120	2772	34	2672	590	99.9
116	/10/2017 - 17:44:44.21	3379	0.42	0.2223	0.0053	0.75738	1500	100	1293	28	1157	270	86.2
117	/10/2017 - 17:46:17.38	1212	0.15	0.1315	0.0018	0.30331	806	72	796	10	760	180	98.8
118	/10/2017 - 17:47:50.32	1487	0.19	0.153	0.0022	0.35983	920	76	917	12	879	200	99.7
119	/10/2017 - 17:49:24.55	1125	0.14	0.1237	0.002	0.34234	761	71	752	11	724	170	98.8
120	/10/2017 - 17:50:59.73	0.764	0.095	0.0929	0.00095	0.14306	574.7	54	572.6	5.6	527.3	120	99.6
121	/10/2017 - 17:52:30.64	0.765	0.095	0.0937	0.0012	0.091369	575.3	55	577.3	6.9	548.6	130	100.3
122	/10/2017 - 17:54:04.57	1132	0.14	0.1254	0.0017	0.17156	767	68	761.1	9.7	723	170	99.2
123	/10/2017 - 17:55:39.43	1122	0.14	0.125	0.0016	0.28535	761	66	758.9	9.2	696	160	99.7
124	/10/2017 - 18:05:03.16	0.77	0.099	0.0933	0.0016	0.32371	582	55	574.6	9.2	568	130	98.7
125	/10/2017 - 18:06:41.21	0.798	0.1	0.0943	0.0014	0.098783	590	57	580.7	8.5	558	130	98.4
126	/10/2017 - 18:08:16.77	1196	0.15	0.1317	0.0031	0.33757	797	70	797	19	783	180	100
127	/10/2017 - 18:09:48.57	1209	0.15	0.1321	0.0025	0.27216	802	70	799	14	940	220	99.6
128	/10/2017 - 18:11:22.48	5.26	0.65	0.3347	0.0059	0.63558	1859	100	1859	28	1660	380	100
129	/10/2017 - 18:12:56.34	5046	0.62	0.3124	0.0043	0.66414	1825	110	1752	21	1671	380	96
130	/10/2017 - 18:14:30.41	5683	0.7	0.3477	0.0048	0.61742	1927	110	1923	23	1852	420	99.8
131	/10/2017 - 18:16:03.70	0.884	0.11	0.0924	0.0025	0.3122	638	65	569	15	571	130	89.2
132	/10/2017 - 18:17:36.72	0.755	0.097	0.0946	0.0016	0.52737	568	56	582.8	9.6	566	130	102.6
133	/10/2017 - 18:19:10.30	1467	0.18	0.1522	0.0017	0.2435	914	74	913	9.5	868	200	99.9
134	/10/2017 - 18:20:42.90	1.48	0.18	0.1531	0.0015	0.26413	920	75	917.9	8.6	893	210	99.8
135	/10/2017 - 18:22:15.08	1005	0.13	0.1162	0.0015	0.25997	704	63	708.2	8.9	689	160	100.6
136	/10/2017 - 18:23:50.95	1787	0.22	0.165	0.0017	0.36678	1040	77	984.4	9.2	1911	430	94.7
137	/10/2017 - 18:25:23.28	2937	0.36	0.2161	0.0024	0.73214	1388	96	1261	13	1643	370	90.9

138	/10/2017 - 18:26:54.73	0.787	0.1	0.0935	0.0022	0.63204	587	58	576	13	529	120	98.1
139	/10/2017 - 18:28:27.39	0.778	0.096	0.0953	0.0011	0.16756	583	55	586.4	6.7	595	140	100.6
140	/10/2017 - 18:30:01.14	1034	0.13	0.1171	0.002	0.5734	722	60	714	12	668	160	98.9
141	/10/2017 - 18:31:35.72	1363	0.17	0.1452	0.0017	0.35665	872	70	874.8	9.9	831	190	100.3
142	/10/2017 - 18:33:08.25	1373	0.17	0.1444	0.002	0.25481	874	74	869	11	865	200	99.4
143	/10/2017 - 18:34:42.71	1204	0.15	0.1312	0.002	0.04112	799	71	794	11	780	180	99.4
144	/10/2017 - 18:36:16.19	1183	0.15	0.1281	0.0025	0.20968	787	70	776	14	755	180	98.6
145	/10/2017 - 18:38:04.18	1162	0.14	0.1277	0.0013	0.34275	782	66	774.6	7.2	711	160	99.1
146	/10/2017 - 18:39:23.31	5822	0.71	0.3289	0.0043	0.78127	1947	110	1832	21	1876	420	94.1
147	/10/2017 - 18:40:55.11	2686	0.34	0.1775	0.0039	0.71282	1322	94	1053	21	335	92	79.7

0). The cutoff limit was set to 3% normal discordance $\left(\left[\frac{^{206}\text{Pb}/^{238}\text{U age}}{(^{207}\text{Pb}/^{235}\text{U age}) - 1} \right] * 100 \right)$.

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