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Contribution to the understanding of the Rondonia Tin Province granites (SW Amazonian Craton) origin using U-Pb and Lu-Hf in zircon by LA-ICP-MS: implications to A-type granite genesis

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APPENDIX A – U-Pb results

Massangana BD-MA-14															
Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
004 - 2 A	0.499	1.705	3.144	0.171	2.696	0.857	0.072	1.618	1017.096	27.418	1010.532	31.774	996.332	16.125	102.084
005- 3 A	0.553	1.715	3.243	0.171	2.405	0.742	0.073	2.175	1017.295	24.465	1014.204	32.887	1007.534	21.914	100.969
006-4 A	0.543	1.716	3.131	0.170	2.233	0.713	0.073	2.195	1010.373	22.563	1014.683	31.771	1023.996	22.474	98.670
004- 2 B	0.518	1.752	1.936	0.174	1.019	0.526	0.073	1.646	1035.784	10.550	1027.773	19.894	1010.761	16.637	102.476
005- 3 B	0.791	1.727	2.328	0.174	1.199	0.515	0.072	1.996	1031.901	12.371	1018.747	23.718	990.588	19.770	104.171
006- 4 B	0.560	1.716	3.891	0.170	1.939	0.498	0.073	3.373	1014.106	19.661	1014.375	39.467	1014.958	34.238	99.916
007- 5 B	0.500	1.741	2.244	0.173	1.022	0.456	0.073	1.997	1031.089	10.540	1023.802	22.970	1008.260	20.137	102.264
011- 9 B	0.470	1.749	1.954	0.174	1.095	0.560	0.073	1.619	1032.708	11.304	1026.732	20.065	1014.018	16.416	101.843
003-1 C	0.641	1.738	2.862	0.172	1.935	0.676	0.073	2.108	1024.133	19.821	1022.905	29.274	1020.279	21.510	100.378
004- 2 C	0.586	1.697	2.846	0.170	1.397	0.491	0.073	2.479	1009.880	14.103	1007.479	28.668	1002.261	24.848	100.760
005- 3 C	0.709	1.733	2.023	0.174	1.214	0.600	0.072	1.619	1032.839	12.541	1020.811	20.655	995.107	16.107	103.792
007- 5 C	0.669	1.706	2.676	0.171	1.116	0.417	0.072	2.432	1016.608	11.349	1010.805	27.046	998.249	24.274	101.839
008-6 C	0.473	1.698	1.695	0.170	0.733	0.432	0.072	1.529	1011.192	7.411	1007.647	17.083	999.948	15.287	101.124
009- 7 C	0.725	1.690	2.584	0.169	1.193	0.462	0.073	2.292	1006.537	12.004	1004.759	25.962	1000.884	22.943	100.565

Massangana BD-MA-27															
Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
003-1 A	0.620	1.710	3.426	0.173	2.121	0.619	0.072	2.690	1029.807	21.846	1012.332	34.680	974.712	26.219	105.652
004- 2 A	0.653	1.685	2.660	0.171	1.582	0.595	0.071	2.138	1020.246	16.140	1003.043	26.676	965.638	20.644	105.655
005-3 A	0.448	1.700	3.885	0.170	1.893	0.487	0.072	3.393	1013.587	19.189	1008.582	39.188	997.725	33.853	101.590
006- 4 A	0.520	1.681	2.437	0.171	1.232	0.506	0.071	2.103	1016.997	12.532	1001.470	24.406	967.634	20.345	105.101
007- 5 A	0.694	1.702	4.961	0.172	3.024	0.610	0.072	3.933	1023.308	30.943	1009.365	50.071	979.224	38.508	104.502
008-6 A	0.654	1.694	3.201	0.171	1.410	0.440	0.072	2.874	1018.419	14.360	1006.103	32.210	979.372	28.150	103.987
009- 7 A	0.595	1.700	4.454	0.170	2.598	0.583	0.073	3.618	1011.539	26.278	1008.632	44.926	1002.323	36.265	100.919

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010- 8 A	0.355	1.664	2.570	0.168	1.420	0.553	0.072	2.142	1003.480	14.253	994.852	25.569	975.880	20.904	102.828
011-9 A	0.435	1.676	2.566	0.170	1.017	0.396	0.072	2.356	1011.802	10.289	999.404	25.642	972.304	22.904	104.062
003- B	0.575	1.682	1.635	0.168	0.894	0.547	0.073	1.369	1000.605	8.946	1001.910	16.386	1004.766	13.760	99.586
004- 2 B	0.675	1.692	3.849	0.168	1.950	0.507	0.073	3.319	999.564	19.494	1005.517	38.705	1018.514	33.801	98.139
005- 3 B	0.761	1.702	4.625	0.169	2.196	0.475	0.073	4.070	1006.196	22.095	1009.338	46.680	1016.164	41.360	99.019
006- 4 B	0.744	1.740	4.201	0.174	2.287	0.544	0.073	3.524	1034.209	23.649	1023.352	42.993	1000.206	35.251	103.400
007- 5 B	0.631	1.686	2.973	0.169	1.218	0.410	0.072	2.712	1006.176	12.252	1003.403	29.827	997.351	27.046	100.885
008- 6 B	0.501	1.671	2.743	0.167	1.198	0.437	0.073	2.468	995.287	11.925	997.722	27.370	1003.079	24.754	99.223
009- 7 B	0.652	1.729	4.354	0.169	1.601	0.368	0.074	4.049	1004.423	16.077	1019.386	44.379	1051.660	42.578	95.508
010- 8 B	0.245	1.722	2.128	0.172	1.276	0.599	0.073	1.704	1022.575	13.045	1016.608	21.638	1003.780	17.102	101.872
011-9 B	0.658	1.676	2.163	0.167	0.867	0.401	0.073	1.981	998.010	8.654	999.394	21.615	1002.430	19.862	99.559
004-2 C	0.711	1.709	4.203	0.171	1.997	0.475	0.072	3.698	1019.887	20.372	1011.897	42.527	994.641	36.778	102.538
005-3 C	0.569	1.634	3.253	0.163	1.793	0.551	0.073	2.714	972.230	17.430	983.412	31.987	1008.458	27.369	96.408
006- 4 C	0.650	1.731	3.367	0.174	2.316	0.688	0.072	2.444	1031.704	23.892	1020.083	34.346	995.229	24.324	103.665
007- 5 C	0.577	1.651	2.040	0.165	1.121	0.550	0.072	1.704	987.098	11.068	989.948	20.192	996.270	16.975	99.079
008- 6 C	0.607	1.702	2.038	0.170	1.146	0.562	0.073	1.686	1011.403	11.586	1009.303	20.572	1004.747	16.938	100.663
009- 7 C	0.549	1.649	3.046	0.164	2.408	0.791	0.073	1.865	979.385	23.584	989.250	30.129	1011.197	18.856	96.854

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Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
003- A	0.665	1.657	3.905	0.166	2.282	0.585	0.072	3.168	992.304	22.649	992.263	38.747	992.171	31.436	100.013
004- A	0.672	1.672	3.904	0.167	2.928	0.750	0.073	2.583	994.473	29.118	998.019	38.966	1005.819	25.978	98.872
005- 3 A	0.783	1.670	2.960	0.167	1.494	0.505	0.073	2.555	994.056	14.852	997.307	29.518	1004.462	25.664	98.964
006- 4 A	0.700	1.706	3.514	0.169	2.691	0.766	0.073	2.259	1008.079	27.130	1010.943	35.519	1017.153	22.974	99.108
007- 5 A	0.853	1.655	3.152	0.168	2.116	0.671	0.071	2.336	1003.268	21.226	991.462	31.246	965.429	22.551	103.919
011- 9 A	0.596	1.661	2.106	0.165	0.992	0.471	0.073	1.858	983.370	9.757	993.814	20.931	1016.938	18.893	96.699
003-B	0.553	1.696	2.211	0.168	1.126	0.509	0.073	1.903	1002.241	11.285	1007.025	22.267	1017.450	19.362	98.505
004- 2 B	0.406	1.712	5.097	0.168	2.836	0.556	0.074	4.235	1001.485	28.404	1013.071	51.637	1038.207	43.969	96.463
010- 8 B	0.409	1.704	4.158	0.170	2.591	0.623	0.073	3.252	1010.654	26.183	1010.165	42.000	1009.103	32.815	100.154
011- 9 B	0.417	1.710	4.422	0.169	2.833	0.641	0.073	3.394	1007.144	28.537	1012.171	44.753	1023.065	34.726	98.444
003-1 C	0.373	1.727	4.834	0.170	3.435	0.711	0.074	3.400	1009.395	34.676	1018.557	49.232	1038.301	35.304	97.216
005- 3 C	0.354	1.680	2.098	0.167	1.080	0.515	0.073	1.799	995.467	10.748	1001.051	21.006	1013.300	18.233	98.240
007- 5 C	0.455	1.672	2.820	0.166	1.996	0.708	0.073	1.992	992.068	19.801	997.916	28.143	1010.789	20.139	98.148
010-8 A	0.571	1.652	3.603	0.166	2.198	0.610	0.072	2.855	990.900	21.778	990.212	35.676	988.688	28.225	100.224
010-8 C	0.288	1.710	1.692	0.170	1.115	0.659	0.073	1.273	1010.997	11.269	1012.225	17.128	1014.882	12.921	99.617

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Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
003-1 A	0.460	1.782	4.321	0.176	3.523	0.815	0.073	2.503	1045.832	36.840	1039.047	44.902	1024.800	25.654	102.052
004- 2 A	0.582	1.806	4.287	0.178	3.537	0.825	0.074	2.421	1056.792	37.384	1047.526	44.905	1028.254	24.897	102.775
005-3 A	0.764	1.799	5.303	0.177	4.476	0.844	0.074	2.844	1051.313	47.054	1045.275	55.428	1032.676	29.367	101.805
007- 5 A	0.299	1.804	4.149	0.178	3.366	0.811	0.073	2.427	1056.254	35.552	1046.836	43.438	1027.233	24.928	102.825
008- 6 A	0.303	1.764	4.134	0.174	3.349	0.810	0.074	2.425	1032.925	34.591	1032.300	42.680	1030.976	24.998	100.189
009- 7 A	0.714	1.776	6.066	0.175	4.290	0.707	0.073	4.288	1042.109	44.706	1036.587	62.878	1024.958	43.955	101.673
010- 8 A	0.790	1.709	4.344	0.169	3.451	0.794	0.073	2.639	1005.682	34.703	1011.811	43.952	1025.105	27.048	98.105
003-1 B	0.332	1.726	4.856	0.171	3.179	0.655	0.073	3.671	1016.162	32.301	1018.443	49.459	1023.350	37.572	99.298
004-2 B	0.349	1.703	4.992	0.169	3.390	0.679	0.073	3.664	1004.414	34.052	1009.783	50.404	1021.451	37.423	98.332
006-4 B	0.353	1.761	5.180	0.174	3.671	0.709	0.073	3.655	1034.801	37.987	1031.217	53.420	1023.624	37.415	101.092
007-5 B	0.371	1.751	5.028	0.173	3.454	0.687	0.073	3.654	1028.024	35.504	1027.482	51.660	1026.328	37.502	100.165
008-6 B	0.771	1.746	4.938	0.173	3.303	0.669	0.073	3.671	1026.397	33.897	1025.852	50.658	1024.689	37.620	100.167
009- 7 B	1.061	1.705	5.032	0.169	3.326	0.661	0.073	3.776	1007.371	33.505	1010.505	50.845	1017.304	38.409	99.024
010-8 B	0.576	1.747	4.795	0.173	3.099	0.646	0.073	3.660	1026.506	31.810	1025.958	49.199	1024.789	37.503	100.168
011- B	0.368	1.705	5.116	0.168	3.572	0.698	0.073	3.663	1003.157	35.830	1010.393	51.690	1026.115	37.583	97.763

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Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
2 A	0.6463	2.0175	3.9651	0.2008	3.3700	0.8499	0.0729	2.0893	1179.7377	39.7577	1121.4287	44.4662	1010.1421	21.1048	116.7893
2 B	0.5125	1.8106	2.9592	0.1804	2.3840	0.8056	0.0728	1.7531	1069.0999	25.4877	1049.2930	31.0508	1008.2897	17.6762	106.0310
3 B	0.3523	1.8599	4.2934	0.1850	3.9543	0.9210	0.0729	1.6725	1094.0671	43.2624	1066.9609	45.8091	1011.9531	16.9247	108.1144
4 B	0.5685	1.7299	3.0105	0.1752	2.3330	0.7750	0.0716	1.9027	1040.8486	24.2830	1019.7300	30.6990	974.6668	18.5450	106.7902
6 B	0.5733	1.7261	3.4520	0.1733	2.6862	0.7782	0.0722	2.1681	1030.2944	27.6758	1018.3114	35.1522	992.6370	21.5213	103.7937
7 B	0.3646	1.8342	1.5569	0.1841	1.1654	0.7485	0.0723	1.0324	1089.3710	12.6953	1057.7880	16.4685	993.1774	10.2531	109.6854
3 C	0.5675	1.6578	3.5005	0.1668	2.8672	0.8191	0.0721	2.0082	994.5489	28.5157	992.5540	34.7444	988.1478	19.8436	100.6478
3	0.7090	1.6472	2.3825	0.1662	0.9250	0.3883	0.0719	2.1956	991.2155	9.1688	988.4723	23.5500	982.3874	21.5689	100.8986
5	0.4947	1.6876	2.9073	0.1687	1.5000	0.5160	0.0725	2.4904	1005.1006	15.0770	1003.8427	29.1849	1001.0970	24.9318	100.3999
6	0.3001	1.6802	1.8297	0.1704	0.8585	0.4692	0.0715	1.6158	1014.2346	8.7072	1001.0693	18.3164	972.3494	15.7110	104.3076
7	0.5466	1.6566	2.2373	0.1660	1.1124	0.4972	0.0724	1.9411	989.8397	11.0108	992.0621	22.1950	996.9798	19.3525	99.2838
8	0.3787	1.7551	2.9457	0.1765	1.1324	0.3844	0.0721	2.7193	1047.7649	11.8649	1029.0494	30.3127	989.4746	26.9072	105.8910

Massangana BD-CT-02 N = 16

Zircon		$^{207}Pb/^{235}U$	1 s [%]	$^{206}Pb/^{238}U$	1 s [%]	Rhod	$^{207}Pb/n^{206}Pb$	1 s [%]	$^{206}Pb/^{238}U$	1 s abs	$^{207}Pb/^{235}U$	1 s abs	$^{207}Pb/^{206}Pb$	1 s abs	Concord. (%)
2 A	0.888	1.691	3.669	0.169	3.047	0.831	0.073	2.043	1006.644	30.675	1005.121	36.873	1001.803	20.464	100.483
5 A	0.869	1.666	3.410	0.165	2.431	0.713	0.073	2.390	987.166	24.001	995.694	33.949	1014.527	24.252	97.303
6 A	1.015	1.681	3.615	0.167	2.906	0.804	0.073	2.151	996.299	28.950	1001.181	36.195	1011.886	21.764	98.460
7 A	0.706	1.690	2.707	0.168	2.059	0.761	0.073	1.757	1003.583	20.668	1004.624	27.197	1006.895	17.693	99.671
8 A	0.681	1.691	3.862	0.169	3.419	0.885	0.072	1.796	1008.316	34.477	1005.194	38.824	998.391	17.934	100.994
9 A	0.858	1.662	3.216	0.166	2.575	0.801	0.073	1.926	990.076	25.493	994.300	31.973	1003.632	19.332	98.649
1 B	0.930	1.706	2.294	0.170	1.824	0.795	0.073	1.391	1012.549	18.466	1010.868	23.185	1007.226	14.009	100.529
4 B	0.829	1.612	3.410	0.162	2.489	0.730	0.072	2.331	966.353	24.050	974.790	33.238	993.853	23.164	97.233
5 B	0.901	1.652	3.770	0.168	2.537	0.673	0.071	2.788	1001.944	25.422	990.474	37.341	965.152	26.913	103.812
7 B	1.061	1.544	3.817	0.156	2.798	0.733	0.072	2.596	936.259	26.200	948.242	36.196	976.165	25.342	95.912
8 B	0.884	1.651	3.691	0.164	2.554	0.692	0.073	2.664	981.554	25.074	989.964	36.537	1008.648	26.869	97.314
2 C	0.878	1.576	4.086	0.157	3.307	0.809	0.073	2.399	940.936	31.119	960.924	39.261	1006.950	24.158	93.444
3 C	0.698	1.613	3.994	0.162	3.273	0.820	0.072	2.289	970.329	31.757	975.231	38.947	986.289	22.572	98.382
4 C	0.900	1.701	4.188	0.173	3.345	0.799	0.071	2.521	1026.998	34.350	1008.964	42.258	970.007	24.453	105.875
8	0.863	1.643	4.651	0.167	3.535	0.760	0.071	3.023	994.450	35.156	986.871	45.904	970.057	29.323	102.515
9 C	0.450	1.566	3.526	0.157	3.170	0.899	0.072	1.543	940.329	29.808	956.981	33.739	995.455	15.359	94.462

Massangana BD-CT-03

Zircon		$^{207}Pb/^{235}U$	1 s [%]	$^{206}Pb/^{238}U$	1 s [%]	Rhod	$^{207}Pb/n^{206}Pb$	1 s [%]	$^{206}Pb/^{238}U$	1 s abs	$^{207}Pb/^{235}U$	1 s abs	$^{207}Pb/^{206}Pb$	1 s abs	Concord. (%)
1	0.665	1.768	3.765	0.174	3.246	0.862	0.074	1.907	1033.162	33.535	1033.764	38.919	1035.039	19.741	99.819
2	0.405	1.719	2.406	0.171	1.908	0.793	0.073	1.465	1017.319	19.413	1015.486	24.428	1011.534	14.817	100.572
3	0.888	1.712	3.709	0.173	3.172	0.855	0.072	1.921	1028.946	32.641	1013.122	37.574	979.070	18.810	105.094
4	0.918	1.727	5.473	0.173	4.170	0.762	0.072	3.545	1028.033	42.867	1018.609	55.750	998.407	35.395	102.967
5	0.429	1.757	2.815	0.175	2.406	0.855	0.073	1.460	1038.713	24.994	1029.821	28.986	1010.980	14.762	102.743
6	0.851	1.756	3.850	0.177	3.250	0.844	0.072	2.065	1050.162	34.128	1029.320	39.631	985.287	20.344	106.584
7	0.368	1.759	2.255	0.175	1.863	0.826	0.073	1.270	1037.828	19.337	1030.339	23.231	1014.475	12.882	102.302
8	1.015	1.714	4.303	0.171	3.284	0.763	0.073	2.780	1017.370	33.412	1013.837	43.626	1006.213	27.977	101.109
9	0.404	1.738	2.133	0.174	1.721	0.807	0.072	1.259	1036.353	17.836	1022.781	21.812	993.852	12.517	104.276
10	0.716	1.701	4.403	0.172	2.955	0.671	0.072	3.264	1022.840	30.222	1008.849	44.417	978.589	31.941	104.522
11	0.811	1.721	4.935	0.173	3.340	0.677	0.072	3.633	1029.371	34.379	1016.570	50.166	989.100	35.934	104.072
12	0.705	1.707	6.819	0.174	5.342	0.783	0.071	4.238	1032.279	55.143	1011.074	68.945	965.413	40.917	106.926
13	0.870	1.746	4.018	0.176	3.479	0.866	0.072	2.011	1047.247	36.431	1025.550	41.207	979.543	19.696	106.912
14	0.967	1.748	3.275	0.175	2.307	0.704	0.072	2.326	1039.354	23.974	1026.262	33.615	998.454	23.220	104.096
15	0.945	1.729	3.095	0.173	1.987	0.642	0.072	2.373	1031.201	20.493	1019.311	31.552	993.862	23.587	103.757

São Carlos: BD-SC-45

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.679	1.667	3.223	0.170	1.478	0.458	0.071	2.865	1013.997	14.983	996.199	32.111	957.221	27.422	105.931
2	1.006	1.663	2.660	0.169	1.689	0.635	0.071	2.056	1006.427	16.994	994.511	26.458	968.325	19.907	103.935
3	0.923	1.625	2.790	0.164	1.881	0.674	0.072	2.061	980.606	18.444	979.907	27.343	978.342	20.165	100.231
4	0.925	1.642	3.633	0.165	2.713	0.747	0.072	2.416	983.934	26.695	986.424	35.838	991.969	23.970	99.190
5	0.935	1.729	3.697	0.173	3.167	0.857	0.073	1.908	1027.140	32.528	1019.369	37.689	1002.718	19.133	102.436
6	0.863	1.695	3.683	0.170	2.720	0.738	0.072	2.484	1012.506	27.538	1006.751	37.083	994.247	24.698	101.836
7	0.806	1.668	3.122	0.167	2.504	0.802	0.072	1.865	994.988	24.912	996.363	31.108	999.389	18.640	99.560
8	0.860	1.665	3.395	0.166	2.675	0.788	0.073	2.090	988.245	26.440	995.248	33.788	1010.713	21.122	97.777
9	0.542	1.677	2.978	0.169	2.583	0.867	0.072	1.483	1005.547	25.969	999.974	29.782	987.775	14.652	101.799
10	0.973	1.691	3.429	0.169	2.529	0.738	0.073	2.315	1005.750	25.435	1005.206	34.465	1004.021	23.246	100.172
11	0.963	1.684	3.885	0.167	2.967	0.764	0.073	2.507	995.471	29.540	1002.583	38.947	1018.166	25.525	97.771
12	1.035	1.674	2.973	0.166	1.811	0.609	0.073	2.358	989.780	17.928	998.526	29.686	1017.782	23.995	97.249
13	0.957	1.649	2.410	0.166	1.793	0.744	0.072	1.611	988.944	17.727	989.280	23.841	990.024	15.948	99.891
14	0.853	1.664	5.292	0.163	2.666	0.504	0.074	4.571	976.185	26.027	995.084	52.656	1036.977	47.398	94.138
15	0.909	1.606	2.128	0.161	1.640	0.771	0.073	1.356	960.163	15.750	972.476	20.694	1000.397	13.561	95.978
16	0.977	1.709	3.375	0.170	1.703	0.505	0.073	2.913	1010.252	17.206	1011.847	34.146	1015.303	29.579	99.503
17	0.947	1.659	3.615	0.162	1.497	0.414	0.074	3.291	968.150	14.497	993.182	35.906	1048.889	34.515	92.302

São Carlos BD-SC-46

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.845	1.638	1.944	0.164	1.111	0.572	0.073	1.595	977.955	10.867	984.936	19.144	1000.526	15.956	97.744
2	0.696	1.613	5.041	0.162	2.641	0.524	0.072	4.293	966.937	25.537	975.397	49.166	994.499	42.698	97.229
3	0.904	1.619	3.428	0.162	1.403	0.409	0.072	3.128	968.859	13.593	977.753	33.518	997.785	31.209	97.101
4	0.897	1.641	5.290	0.162	2.254	0.426	0.073	4.786	969.009	21.837	986.178	52.172	1024.587	49.040	94.576
5	0.896	1.602	2.327	0.161	1.226	0.527	0.072	1.978	962.425	11.798	970.963	22.592	990.336	19.586	97.182
6	0.745	1.598	2.259	0.160	1.633	0.723	0.072	1.561	957.305	15.632	969.589	21.906	997.535	15.576	95.967
7	1.154	1.608	2.124	0.163	1.266	0.596	0.072	1.705	970.762	12.293	973.241	20.668	978.843	16.686	99.174
8	1.152	1.676	2.230	0.168	1.838	0.824	0.073	1.263	998.888	18.355	999.320	22.282	1000.268	12.633	99.862
9	1.052	1.648	2.388	0.165	1.802	0.755	0.072	1.566	986.679	17.780	988.854	23.609	993.683	15.564	99.295
10	1.131	1.597	2.359	0.161	1.656	0.702	0.072	1.680	962.594	15.936	969.057	22.856	983.742	16.526	97.850
11	1.434	1.651	1.892	0.166	1.566	0.828	0.072	1.062	992.783	15.545	989.914	18.728	983.561	10.443	100.938
12	1.057	1.662	4.504	0.164	2.541	0.564	0.074	3.719	978.501	24.868	994.171	44.782	1028.907	38.266	95.101
13	1.201	1.625	3.140	0.162	2.022	0.644	0.073	2.402	969.234	19.594	979.909	30.767	1003.908	24.117	96.546
14	0.885	1.646	4.200	0.163	2.596	0.618	0.073	3.301	976.005	25.336	987.900	41.489	1014.417	33.489	96.213
15	0.708	1.596	3.732	0.160	3.221	0.863	0.072	1.884	959.085	30.897	968.617	36.147	990.308	18.654	96.847
16	0.892	1.658	3.115	0.168	2.834	0.910	0.072	1.292	998.854	28.312	992.570	30.917	978.706	12.641	102.059
17	0.731	1.695	2.067	0.169	1.157	0.560	0.073	1.713	1008.551	11.666	1006.572	20.806	1002.265	17.170	100.627
18	1.004	1.656	3.139	0.165	1.393	0.444	0.073	2.813	985.835	13.730	991.679	31.129	1004.631	28.261	98.129

19	0.999	1.682	2.576	0.169	1.360	0.528	0.072	2.188	1007.605	13.706	1001.619	25.803	988.543	21.627	101.928
20	0.781	1.711	2.032	0.171	1.023	0.504	0.073	1.755	1014.906	10.387	1012.764	20.577	1008.133	17.694	100.672
21	0.879	1.672	3.633	0.169	1.982	0.546	0.072	3.044	1004.293	19.907	998.041	36.255	984.330	29.964	102.028
22	1.006	1.637	4.228	0.165	2.101	0.497	0.072	3.669	986.386	20.720	984.469	41.622	980.198	35.964	100.631
23	0.558	1.650	5.078	0.167	2.302	0.453	0.072	4.526	996.015	22.928	989.409	50.239	974.788	44.118	102.178
24	0.627	1.687	2.180	0.169	1.471	0.675	0.072	1.609	1008.403	14.832	1003.443	21.875	992.625	15.972	101.590

São Carlos CN-MG-12

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.770	1.677	4.080	0.172	3.196	0.783	0.071	2.535	1021.883	32.660	999.787	40.787	951.644	24.127	107.381
2	0.976	1.638	3.203	0.166	2.703	0.844	0.071	1.718	991.586	26.800	984.826	31.542	969.789	16.665	102.248
3	0.728	1.618	4.692	0.166	2.700	0.575	0.071	3.838	988.783	26.695	977.269	45.856	951.480	36.515	103.921
4	0.889	1.505	4.595	0.153	4.014	0.874	0.071	2.236	919.409	36.909	932.475	42.848	963.485	21.543	95.425
5	1.086	1.577	3.610	0.162	2.515	0.697	0.071	2.589	967.755	24.340	961.164	34.694	946.116	24.496	102.287
6	0.612	1.576	6.571	0.161	4.651	0.708	0.071	4.642	959.879	44.641	960.882	63.139	963.178	44.712	99.658
7	0.600	1.601	3.452	0.161	3.294	0.954	0.072	1.032	959.617	31.610	970.453	33.500	995.069	10.271	96.437
8	0.628	1.539	6.194	0.155	6.028	0.973	0.072	1.424	931.399	56.146	945.979	58.593	980.068	13.954	95.034
9	0.759	1.618	4.524	0.163	3.743	0.827	0.072	2.542	975.673	36.515	977.047	44.201	980.137	24.911	99.544
10	0.349	1.657	16.823	0.169	15.946	0.948	0.071	5.360	1004.733	160.214	992.071	166.894	964.174	51.684	104.207
11	0.444	1.489	15.377	0.148	14.321	0.931	0.073	5.601	889.991	127.454	925.791	142.361	1012.063	56.690	87.938
12	0.747	1.601	5.867	0.160	3.871	0.660	0.072	4.408	959.108	37.126	970.514	56.937	996.432	43.927	96.254
13	0.453	1.538	4.626	0.155	4.295	0.929	0.072	1.717	926.198	39.782	945.509	43.737	990.753	17.016	93.484
14	0.465	1.575	6.890	0.158	6.701	0.973	0.073	1.600	943.232	63.209	960.496	66.176	1000.235	16.005	94.301
15	0.652	1.616	5.298	0.161	4.924	0.929	0.073	1.956	959.822	47.264	976.249	51.725	1013.395	19.818	94.713
16	1.208	1.568	4.752	0.158	4.593	0.967	0.072	1.219	948.147	43.544	957.671	45.504	979.611	11.941	96.788

São Carlos CN-MG-10

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.833	1.710	0.019	0.171	0.002	0.900	0.071	0.001	1.019	0.013	1012.444	0.007	950.866	0.017	100.657
2	0.518	1.771	0.021	0.177	0.002	0.900	0.072	0.000	1.051	0.014	1034.714	0.008	990.243	0.013	101.566
3	0.866	1.555	0.023	0.157	0.002	0.900	0.071	0.000	0.942	0.013	952.657	0.009	946.197	0.014	98.921
4	1.252	1.701	0.020	0.171	0.002	0.900	0.073	0.000	1.015	0.013	1009.082	0.008	1002.607	0.013	100.589
5	0.468	1.651	0.016	0.166	0.002	0.900	0.072	0.000	0.991	0.012	989.815	0.006	981.738	0.012	100.159
6	1.174	1.714	0.023	0.174	0.003	0.900	0.072	0.000	1.032	0.015	1013.828	0.009	997.552	0.013	101.772
7	0.532	1.702	0.022	0.172	0.002	0.887	0.072	0.000	1.023	0.011	1009.375	0.008	983.905	0.009	101.339
8	0.887	1.620	0.023	0.163	0.002	0.881	0.072	0.000	0.972	0.011	978.079	0.009	982.963	0.008	99.419
9	0.460	1.777	0.019	0.177	0.002	0.900	0.073	0.000	1.049	0.010	1037.244	0.007	1005.336	0.007	101.150
10	0.864	1.565	0.022	0.158	0.002	0.900	0.071	0.000	0.947	0.011	956.292	0.009	965.037	0.009	99.078
11	0.838	1.743	0.020	0.175	0.002	0.900	0.072	0.000	1.038	0.010	1024.652	0.007	998.007	0.007	101.269

Caritianas: BD-CT-02

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.888	1.691	3.669	0.169	3.047	0.831	0.073	2.043	1006.644	30.675	1005.121	36.873	1001.803	20.464	100.483
2	0.869	1.666	3.410	0.165	2.431	0.713	0.073	2.390	987.166	24.001	995.694	33.949	1014.527	24.252	97.303
3	1.015	1.681	3.615	0.167	2.906	0.804	0.073	2.151	996.299	28.950	1001.181	36.195	1011.886	21.764	98.460
4	0.706	1.690	2.707	0.168	2.059	0.761	0.073	1.757	1003.583	20.668	1004.624	27.197	1006.895	17.693	99.671
5	0.681	1.691	3.862	0.169	3.419	0.885	0.072	1.796	1008.316	34.477	1005.194	38.824	998.391	17.934	100.994
6	0.858	1.662	3.216	0.166	2.575	0.801	0.073	1.926	990.076	25.493	994.300	31.973	1003.632	19.332	98.649
7	0.930	1.706	2.294	0.170	1.824	0.795	0.073	1.391	1012.549	18.466	1010.868	23.185	1007.226	14.009	100.529
8	0.829	1.612	3.410	0.162	2.489	0.730	0.072	2.331	966.353	24.050	974.790	33.238	993.853	23.164	97.233
9	0.901	1.652	3.770	0.168	2.537	0.673	0.071	2.788	1001.944	25.422	990.474	37.341	965.152	26.913	103.812
10	1.061	1.544	3.817	0.156	2.798	0.733	0.072	2.596	936.259	26.200	948.242	36.196	976.165	25.342	95.912
11	0.884	1.651	3.691	0.164	2.554	0.692	0.073	2.664	981.554	25.074	989.964	36.537	1008.648	26.869	97.314
12	0.878	1.576	4.086	0.157	3.307	0.809	0.073	2.399	940.936	31.119	960.924	39.261	1006.950	24.158	93.444
13	0.698	1.613	3.994	0.162	3.273	0.820	0.072	2.289	970.329	31.757	975.231	38.947	986.289	22.572	98.382
14	0.900	1.701	4.188	0.173	3.345	0.799	0.071	2.521	1026.998	34.350	1008.964	42.258	970.007	24.453	105.875
15	0.863	1.643	4.651	0.167	3.535	0.760	0.071	3.023	994.450	35.156	986.871	45.904	970.057	29.323	102.515
16	0.450	1.566	3.526	0.157	3.170	0.899	0.072	1.543	940.329	29.808	956.981	33.739	995.455	15.359	94.462

Caritianas BD-CT-03

Zircon	Th/U	$^{207}Pb/^{235}U$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]		$^{207}Pb/n^{206}Pb$	2σ error [%]	$^{206}Pb/^{238}U$	2σ error [%]	$^{207}Pb/^{235}U$	2σ error [%]	$^{207}Pb/^{206}Pb$	2σ error [%]	Concord. (%)
1	0.665	1.768	3.765	0.174	3.246	0.862	0.074	1.907	1033.162	33.535	1033.764	38.919	1035.039	19.741	99.819
2	0.405	1.719	2.406	0.171	1.908	0.793	0.073	1.465	1017.319	19.413	1015.486	24.428	1011.534	14.817	100.572
3	0.888	1.712	3.709	0.173	3.172	0.855	0.072	1.921	1028.946	32.641	1013.122	37.574	979.070	18.810	105.094
4	0.918	1.727	5.473	0.173	4.170	0.762	0.072	3.545	1028.033	42.867	1018.609	55.750	998.407	35.395	102.967
5	0.429	1.757	2.815	0.175	2.406	0.855	0.073	1.460	1038.713	24.994	1029.821	28.986	1010.980	14.762	102.743
6	0.851	1.756	3.850	0.177	3.250	0.844	0.072	2.065	1050.162	34.128	1029.320	39.631	985.287	20.344	106.584
7	0.368	1.759	2.255	0.175	1.863	0.826	0.073	1.270	1037.828	19.337	1030.339	23.231	1014.475	12.882	102.302
8	1.015	1.714	4.303	0.171	3.284	0.763	0.073	2.780	1017.370	33.412	1013.837	43.626	1006.213	27.977	101.109
9	0.404	1.738	2.133	0.174	1.721	0.807	0.072	1.259	1036.353	17.836	1022.781	21.812	993.852	12.517	104.276
10	0.716	1.701	4.403	0.172	2.955	0.671	0.072	3.264	1022.840	30.222	1008.849	44.417	978.589	31.941	104.522
11	0.811	1.721	4.935	0.173	3.340	0.677	0.072	3.633	1029.371	34.379	1016.570	50.166	989.100	35.934	104.072
12	0.705	1.707	6.819	0.174	5.342	0.783	0.071	4.238	1032.279	55.143	1011.074	68.945	965.413	40.917	106.926
13	0.870	1.746	4.018	0.176	3.479	0.866	0.072	2.011	1047.247	36.431	1025.550	41.207	979.543	19.696	106.912
14	0.967	1.748	3.275	0.175	2.307	0.704	0.072	2.326	1039.354	23.974	1026.262	33.615	998.454	23.220	104.096
15	0.945	1.729	3.095	0.173	1.987	0.642	0.072	2.373	1031.201	20.493	1019.311	31.552	993.862	23.587	103.757