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Depositional setting and U-Pb detrital record of rift-related deposits of the Moeda Formation (Minas Supergroup) at Gandarela and Ouro Fino synclines, Quadrilátero Ferrífero, Brazil

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Supplementary Table A1

LA-ICP-MS U-Pb results from samples of Gandarela and Ouro Fino synclines

a concentration uncertainty ca. 20%

b data not corrected for common-Pb

c data corrected for common-Pb

d Concordance calculated as (^{206}Pb-^{238}U age/^{207}Pb-^{206}Pb age)*100

BDL: below detection limit

Sample 1																									
					Ratios b						Ratios c							Ages c							
spot		f206c	U (µg g-1) a	Th U	207Pb 206Pb	1s	206Pb 238U	1s	207Pb 235U	1s	207Pb 206Pb	2s (%)	207Pb 235U	2s (%)	206Pb 238U	2s (%)	Rho	207Pb 206Pb	2s abs	206Pb 238U	2s abs	207Pb 235U	2s abs	conc. d
1	7	BDL	74.271	1.213	0.168	0.001	0.566	0.006	13.119	0.006	0.210	1.094	16.398	2.379	0.566	2.113	0.888	2907	18	2889	49	2900	22	99
1	9	BDL	26.308	0.773	0.165	0.002	0.542	0.007	12.353	0.008	0.206	2.058	15.441	3.423	0.542	2.735	0.799	2878	34	2793	62	2842	32	97
1	10	BDL	100.378	1.076	0.169	0.001	0.570	0.006	13.300	0.006	0.212	1.022	16.625	2.352	0.570	2.119	0.901	2918	17	2906	49	2913	22	99
1	11	BDL	184.353	0.684	0.169	0.001	0.589	0.006	13.715	0.006	0.211	0.977	17.144	2.316	0.589	2.099	0.907	2913	16	2986	50	2942	22	102
1	12	0.090	70.734	1.250	0.165	0.001	0.577	0.006	13.134	0.006	0.206	1.085	16.403	2.403	0.577	2.144	0.892	2875	18	2936	50	2900	22	102
1	13	0.160	159.488	1.169	0.192	0.001	0.616	0.006	16.325	0.007	0.240	0.994	20.373	2.328	0.616	2.106	0.904	3118	16	3094	51	3109	22	99
1	14	0.094	235.965	1.361	0.167	0.001	0.555	0.006	12.793	0.006	0.209	0.983	15.976	2.313	0.555	2.094	0.905	2894	16	2847	48	2875	22	98
1	17	0.131	367.071	1.373	0.160	0.001	0.499	0.006	10.989	0.006	0.199	1.209	13.719	2.569	0.499	2.267	0.882	2821	20	2609	48	2730	24	92
1	19	BDL	132.711	0.689	0.169	0.001	0.548	0.006	12.777	0.006	0.211	1.106	15.971	2.468	0.548	2.206	0.894	2915	18	2817	50	2875	23	96
1	27	BDL	218.293	1.135	0.162	0.001	0.519	0.005	11.613	0.006	0.203	0.967	14.517	2.329	0.519	2.118	0.910	2850	16	2693	46	2784	22	94
1	28	0.079	242.588	0.980	0.167	0.001	0.510	0.005	11.759	0.005	0.209	0.962	14.688	2.317	0.510	2.107	0.910	2896	16	2657	46	2795	21	91
1	29	0.293	168.942	0.918	0.175	0.001	0.565	0.006	13.621	0.006	0.218	1.037	16.976	2.351	0.565	2.110	0.897	2964	17	2888	49	2933	22	97
1	30	BDL	68.531	0.983	0.168	0.001	0.575	0.006	13.336	0.006	0.210	1.053	16.670	2.400	0.575	2.157	0.899	2906	17	2929	50	2916	22	100
1	31	0.218	149.342	1.064	0.171	0.001	0.541	0.006	12.738	0.006	0.213	1.576	15.888	2.721	0.541	2.218	0.815	2929	26	2786	50	2870	25	95
1	32	BDL	132.191	0.746	0.161	0.001	0.554	0.006	12.285	0.006	0.201	1.001	15.356	2.342	0.554	2.118	0.904	2834	16	2841	48	2837	22	100
1	33	BDL	76.352	1.695	0.197	0.001	0.633	0.007	17.187	0.007	0.246	1.067	21.484	2.362	0.633	2.108	0.892	3159	17	3163	52	3160	22	100
1	35	BDL	99.927	1.156	0.161	0.001	0.561	0.006	12.501	0.006	0.202	1.183	15.626	2.429	0.561	2.121	0.873	2841	19	2872	49	2854	23	101
1	38	BDL	152.036	0.842	0.166	0.001	0.554	0.006	12.664	0.006	0.207	1.032	15.830	2.322	0.554	2.080	0.896	2883	17	2843	47	2866	22	98
1	39	0.007	147.776	0.740	0.166	0.001	0.533	0.006	12.205	0.006	0.208	0.988	15.255	2.327	0.533	2.107	0.905	2886	16	2754	47	2831	22	95
1	40	BDL	80.978	1.095	0.163	0.001	0.537	0.006	12.059	0.006	0.204	1.124	15.074	2.469	0.537	2.199	0.890	2854	18	2771	49	2819	23	97
1	48	0.063	122.917	0.913	0.160	0.001	0.530	0.006	11.653	0.006	0.199	1.000	14.557	2.348	0.530	2.124	0.905	2821	16	2739	47	2786	22	97
1	49	BDL	79.627	1.740	0.160	0.002	0.543	0.007	12.003	0.007	0.200	1.890	15.004	3.072	0.543	2.422	0.788	2829	31	2796	55	2815	29	98
1	52	1.000	75.617	1.398	0.165	0.001	0.568	0.006	12.910	0.006	0.206	1.608	16.141	2.693	0.568	2.161	0.802	2874	27	2899	50	2885	25	100
1	55	0.104	83.575	0.776	0.163	0.001	0.563	0.006	12.630	0.006	0.203	1.065	15.771	2.389	0.563	2.138	0.895	2852	17	2877	49	2863	22	100

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1	60	0.050	68.384	0.851	0.160	0.001	0.497	0.005	10.937	0.005	0.199	1.106	13.664	2.407	0.497	2.138	0.888	2820	18	2601	45	2726	22	92
1	67	BDL	134.892	1.081	0.162	0.001	0.537	0.006	12.007	0.006	0.203	1.270	15.009	2.595	0.537	2.263	0.872	2848	21	2770	51	2815	24	97
1	68	BDL	108.886	1.222	0.175	0.001	0.581	0.006	14.018	0.006	0.219	1.304	17.522	2.513	0.581	2.148	0.855	2970	21	2954	51	2963	24	99
1	69	BDL	102.946	0.904	0.166	0.001	0.536	0.006	12.267	0.006	0.208	1.133	15.333	2.405	0.536	2.121	0.882	2886	19	2766	47	2836	22	95
1	70	BDL	198.852	0.739	0.156	0.001	0.544	0.006	11.676	0.006	0.195	1.226	14.595	2.575	0.544	2.264	0.879	2782	20	2798	51	2789	24	100
1	71	BDL	37.137	0.816	0.159	0.001	0.542	0.007	11.857	0.007	0.198	1.581	14.821	2.922	0.542	2.457	0.841	2813	26	2790	55	2803	27	99
1	72	BDL	136.567	1.572	0.156	0.001	0.539	0.006	11.567	0.006	0.195	1.175	14.459	2.520	0.539	2.229	0.885	2781	19	2778	50	2780	23	99
1	74	BDL	72.228	0.947	0.157	0.001	0.524	0.006	11.352	0.006	0.197	1.603	14.191	2.779	0.524	2.270	0.817	2797	27	2714	50	2762	26	97
1	75	BDL	126.667	0.785	0.158	0.001	0.539	0.006	11.758	0.006	0.198	1.309	14.698	2.653	0.539	2.308	0.870	2806	22	2781	52	2795	25	99
1	76	BDL	73.416	1.326	0.158	0.001	0.578	0.006	12.611	0.006	0.198	1.061	15.764	2.387	0.578	2.138	0.896	2809	17	2939	50	2862	22	104
1	77	BDL	126.502	0.920	0.158	0.001	0.554	0.006	12.066	0.006	0.198	1.025	15.082	2.343	0.554	2.107	0.899	2805	17	2841	48	2820	22	101
1	79	BDL	103.996	1.014	0.160	0.001	0.552	0.006	12.158	0.006	0.200	1.289	15.198	2.624	0.552	2.285	0.871	2823	21	2833	52	2827	24	100
1	80	BDL	100.840	1.089	0.160	0.001	0.557	0.006	12.314	0.006	0.200	1.203	15.392	2.426	0.557	2.106	0.868	2830	20	2853	48	2839	23	100
1	87	0.220	102.261	1.083	0.160	0.001	0.546	0.006	12.033	0.006	0.199	1.531	15.009	2.677	0.546	2.196	0.820	2819	25	2809	50	2815	25	99
1	(1) 87	BDL	106.987	0.923	0.178	0.001	0.573	0.006	14.055	0.006	0.212	1.237	16.726	2.439	0.573	2.102	0.862	2917	20	2921	49	2919	23	100
1	88	0.677	59.076	1.001	0.156	0.001	0.532	0.006	11.441	0.006	0.194	1.475	14.204	2.674	0.532	2.230	0.834	2772	25	2750	50	2763	25	99
1	(1) 88	BDL	83.037	1.582	0.170	0.001	0.555	0.006	13.021	0.006	0.202	1.294	15.495	2.486	0.555	2.123	0.854	2845	21	2847	49	2846	23	100
1	(1) 89	0.115	171.927	0.641	0.176	0.001	0.564	0.006	13.662	0.006	0.209	1.237	16.239	2.428	0.564	2.089	0.860	2897	20	2881	48	2890	23	99
1	(1) 90	BDL	54.648	0.739	0.175	0.001	0.579	0.006	14.016	0.006	0.209	1.373	16.679	2.586	0.579	2.191	0.847	2896	22	2945	52	2916	24	101
1	90	BDL	199.501	1.180	0.183	0.001	0.590	0.006	14.848	0.006	0.228	1.014	18.560	2.338	0.590	2.106	0.901	3038	16	2989	50	3019	22	98
1	92	BDL	68.564	1.078	0.153	0.001	0.534	0.006	11.228	0.006	0.191	1.482	14.035	2.665	0.534	2.215	0.831	2747	25	2758	49	2752	25	100
1	(1) 92	0.019	212.383	0.707	0.174	0.001	0.552	0.006	13.253	0.006	0.207	1.218	15.768	2.408	0.552	2.077	0.863	2882	20	2834	47	2862	22	98
1	(1) 93	BDL	65.455	1.339	0.233	0.002	0.708	0.007	22.757	0.008	0.278	1.299	27.080	2.475	0.708	2.107	0.851	3349	20	3449	56	3386	24	102
1	94	BDL	89.164	0.798	0.157	0.001	0.528	0.006	11.453	0.006	0.197	1.055	14.316	2.381	0.528	2.134	0.896	2798	17	2733	47	2770	22	97
1	(1) 94	BDL	87.354	0.721	0.235	0.001	0.676	0.007	21.911	0.007	0.280	1.263	26.074	2.455	0.676	2.106	0.858	3361	20	3328	54	3349	24	98
1	95	BDL	71.817	1.096	0.159	0.001	0.550	0.006	12.049	0.006	0.199	1.220	15.061	2.455	0.550	2.131	0.868	2816	20	2823	48	2819	23	100
1	96	0.039	67.443	1.280	0.160	0.001	0.540	0.006	11.888	0.006	0.199	1.349	14.855	2.600	0.540	2.223	0.855	2821	22	2784	50	2805	24	98
1	(1) 96	0.234	60.568	1.091	0.174	0.001	0.562	0.006	13.487	0.006	0.207	1.709	16.012	2.793	0.562	2.209	0.791	2878	28	2875	51	2877	26	99
1	97	0.023	128.447	1.330	0.157	0.001	0.556	0.006	12.040	0.006	0.196	1.026	15.046	2.349	0.556	2.114	0.900	2795	17	2849	48	2818	22	101
1	98	0.136	125.332	0.824	0.161	0.001	0.525	0.006	11.640	0.006	0.201	1.331	14.530	2.559	0.525	2.186	0.854	2832	22	2719	48	2784	24	96
1	(1) 98	0.368	58.755	0.993	0.174	0.001	0.555	0.006	13.290	0.006	0.206	1.546	15.757	2.726	0.555	2.245	0.824	2872	25	2847	51	2862	26	99
1	99	BDL	134.791	0.962	0.159	0.001	0.546	0.006	11.949	0.006	0.199	1.171	14.937	2.406	0.546	2.102	0.874	2814	19	2806	47	2811	22	99
1	100	0.047	57.660	1.079	0.159	0.001	0.556	0.006	12.187	0.006	0.199	1.134	15.227	2.441	0.556	2.161	0.886	2815	19	2848	49	2829	23	101
1	(1) 107	BDL	97.748	0.995	0.173	0.002	0.555	0.007	13.221	0.007	0.205	1.813	15.733	2.965	0.555	2.346	0.791	2870	30	2847	54	2860	28	99
1	107	BDL	58.783	0.472	0.188	0.002	0.634	0.008	16.467	0.009	0.235	1.907	20.584	3.242	0.634	2.622	0.809	3088	31	3166	65	3119	31	102
1	109	BDL	80.073	1.481	0.157	0.001	0.540	0.006	11.727	0.006	0.197	1.105	14.659	2.403	0.540	2.134	0.888	2799	18	2784	48	2793	22	99
1	110	1.273	98.677	0.755	0.178	0.001	0.599	0.006	14.706	0.006	0.220	1.838	18.149	2.837	0.599	2.161	0.762	2979	30	3025	52	2997	27	101
1	112	BDL	250.819	0.769	0.146	0.001	0.519	0.006	10.441	0.006	0.183	1.404	13.051	2.698	0.519	2.304	0.854	2675	24	2693	50	2683	25	100
1	113	0.351	98.339	1.231	0.157	0.001	0.548	0.006	11.889	0.006	0.196	1.191	14.809	2.449	0.548	2.140	0.874	2792	20	2817	49	2803	23	100

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1	(1) 113	0.110	64.557	1.286	0.175	0.001	0.554	0.006	13.374	0.006	0.208	1.584	15.898	2.757	0.554	2.257	0.818	2889	26	2843	52	2870	26	98
1	(1) 114	BDL	18.868	0.864	0.198	0.002	0.574	0.008	15.671	0.008	0.236	2.449	18.649	3.667	0.574	2.730	0.744	3090	40	2923	64	3023	35	94
1	115	0.148	212.240	0.731	0.156	0.001	0.536	0.006	11.531	0.006	0.195	1.070	14.392	2.365	0.536	2.109	0.892	2781	18	2767	47	2775	22	99
1	116	BDL	139.351	0.706	0.152	0.001	0.512	0.005	10.723	0.006	0.190	1.447	13.404	2.587	0.512	2.144	0.829	2742	24	2663	46	2708	24	97
1	117	0.024	162.844	1.217	0.157	0.001	0.528	0.006	11.399	0.006	0.196	1.125	14.246	2.405	0.528	2.126	0.884	2790	19	2733	47	2766	22	97
1	118	BDL	178.922	0.745	0.152	0.001	0.512	0.005	10.733	0.005	0.190	1.336	13.416	2.497	0.512	2.110	0.845	2741	22	2666	46	2709	23	97
1	(1) 119	BDL	60.275	1.141	0.175	0.001	0.555	0.006	13.405	0.006	0.208	1.411	15.952	2.555	0.555	2.130	0.834	2892	23	2847	49	2873	24	98
1	127	BDL	113.311	0.685	0.159	0.001	0.572	0.006	12.561	0.006	0.199	1.469	15.701	2.603	0.572	2.149	0.826	2819	24	2915	50	2858	24	103
1	(1) 127	0.198	113.671	1.055	0.178	0.001	0.568	0.006	13.913	0.006	0.211	1.445	16.523	2.561	0.568	2.115	0.826	2912	24	2900	49	2907	24	99
1	128	1.000	95.045	0.747	0.156	0.001	0.544	0.006	11.724	0.006	0.196	1.703	14.655	2.756	0.544	2.167	0.786	2789	28	2798	49	2793	26	100
1	129	BDL	125.807	0.810	0.159	0.001	0.544	0.006	11.942	0.006	0.199	1.262	14.928	2.458	0.544	2.109	0.858	2818	21	2799	48	2810	23	99
1	(1) 129	0.100	206.153	0.172	0.202	0.001	0.579	0.006	16.170	0.006	0.241	1.378	19.223	2.501	0.579	2.087	0.834	3123	22	2946	49	3053	24	94
1	130	BDL	249.766	1.019	0.173	0.001	0.573	0.006	13.675	0.006	0.217	1.074	17.093	2.366	0.573	2.108	0.891	2954	17	2918	49	2940	22	98
1	(1) 130	BDL	141.064	1.645	0.291	0.004	0.762	0.009	30.599	0.010	0.347	2.444	36.412	3.452	0.762	2.437	0.706	3692	37	3650	68	3677	34	98
1	131	0.050	173.968	0.855	0.152	0.001	0.530	0.006	11.084	0.006	0.190	1.129	13.848	2.372	0.530	2.086	0.879	2739	19	2739	46	2739	22	100
1	(1) 131	0.057	192.619	1.774	0.165	0.002	0.542	0.006	12.363	0.006	0.197	2.120	14.704	3.073	0.542	2.225	0.724	2798	35	2793	50	2796	29	99
1	132	BDL	34.619	1.706	0.151	0.001	0.571	0.006	11.915	0.006	0.189	1.328	14.893	2.586	0.571	2.220	0.858	2735	22	2911	52	2808	24	106
1	135	BDL	77.907	1.121	0.167	0.001	0.587	0.007	13.567	0.007	0.209	1.612	16.959	2.756	0.587	2.235	0.811	2900	27	2979	53	2932	26	102
1	136	0.550	52.513	1.046	0.172	0.001	0.605	0.007	14.363	0.007	0.214	1.714	17.855	2.833	0.605	2.256	0.796	2935	28	3051	55	2981	27	103
1	137	1.000	123.739	1.056	0.150	0.001	0.510	0.006	10.534	0.006	0.188	2.070	13.194	3.181	0.510	2.415	0.759	2722	35	2655	52	2693	29	97
1	(1) 137	BDL	120.289	0.688	0.176	0.001	0.564	0.006	13.722	0.006	0.210	1.451	16.329	2.562	0.564	2.112	0.824	2905	24	2883	49	2896	24	99
1	138	BDL	158.675	1.067	0.154	0.001	0.540	0.006	11.470	0.006	0.193	1.103	14.337	2.378	0.540	2.107	0.886	2765	18	2781	47	2772	22	100
1	(1) 138	BDL	99.935	0.714	0.183	0.001	0.577	0.006	14.542	0.006	0.218	1.559	17.305	2.668	0.577	2.165	0.812	2962	25	2935	51	2951	25	99
1	139	BDL	175.280	1.358	0.150	0.001	0.505	0.006	10.441	0.006	0.187	1.360	13.051	2.651	0.505	2.276	0.858	2720	23	2634	49	2683	24	96
1	(1) 139	BDL	79.612	0.978	0.182	0.002	0.573	0.007	14.353	0.007	0.216	2.052	17.080	3.079	0.573	2.296	0.746	2953	33	2918	54	2939	29	98
1	140	BDL	150.155	0.883	0.153	0.001	0.508	0.005	10.698	0.005	0.191	1.088	13.373	2.381	0.508	2.118	0.890	2748	18	2650	46	2706	22	96
1	(1) 140	0.103	124.684	0.818	0.239	0.003	0.682	0.008	22.521	0.008	0.285	2.271	26.772	3.227	0.682	2.292	0.710	3388	36	3352	60	3375	31	98
1	147	0.044	191.847	0.634	0.150	0.001	0.512	0.006	10.567	0.006	0.187	1.271	13.203	2.556	0.512	2.218	0.868	2716	21	2664	48	2694	23	98
1	149	1.000	54.475	0.730	0.175	0.002	0.604	0.007	14.581	0.007	0.219	2.079	18.228	3.139	0.604	2.352	0.749	2971	34	3047	57	3001	30	102
1	150	BDL	112.123	1.261	0.150	0.001	0.516	0.006	10.716	0.006	0.188	1.163	13.395	2.432	0.516	2.135	0.878	2725	19	2684	47	2707	22	98
1	151	BDL	36.998	0.855	0.157	0.001	0.559	0.006	12.085	0.006	0.196	1.371	15.107	2.619	0.559	2.231	0.852	2793	23	2862	51	2821	24	102
1	152	BDL	87.779	1.845	0.162	0.001	0.561	0.006	12.567	0.006	0.203	1.262	15.708	2.466	0.561	2.119	0.859	2850	21	2871	49	2859	23	100
1	154	0.118	144.081	0.847	0.149	0.001	0.507	0.005	10.417	0.005	0.186	1.167	13.006	2.423	0.507	2.123	0.876	2706	19	2645	46	2680	22	97
1	155	0.539	260.534	0.637	0.160	0.001	0.524	0.005	11.572	0.006	0.199	1.339	14.387	2.490	0.524	2.099	0.843	2818	22	2716	46	2775	23	96
1	157	BDL	106.056	0.892	0.145	0.001	0.546	0.006	10.942	0.006	0.182	1.542	13.677	2.807	0.546	2.345	0.836	2667	26	2809	53	2727	26	105
1	158	BDL	117.495	0.619	0.170	0.001	0.564	0.006	13.245	0.006	0.213	1.334	16.556	2.493	0.564	2.106	0.845	2926	22	2884	49	2909	23	98
1	159	0.205	89.970	1.110	0.150	0.001	0.513	0.006	10.625	0.006	0.188	1.426	13.255	2.586	0.513	2.157	0.834	2720	24	2667	47	2697	24	98
1	160	0.102	76.511	0.788	0.147	0.001	0.512	0.006	10.361	0.006	0.183	1.411	12.939	2.696	0.512	2.297	0.852	2684	24	2663	50	2675	25	99

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Depositional setting and U-Pb detrital record of rift-related deposits of the Moeda Formation (Minas Supergroup) at Gandarela and Ouro Fino synclines, Quadrilátero Ferrífero, Brazil

Rafael da Silva Madureira, Maximiliano Martins, Gláucia Queiroga, Cristiano Lana, Luiz Fernandes Dutra, Ana Ramalho Alkmim

Sample 1b																										
						Ratios b						Ratios c							Dates c							
	spot		f206c	U (µg g-1) a	Th U	207Pb 206Pb	1s	206Pb 238U	1s	207Pb 235U	1s	207Pb 206Pb	2s (%)	207Pb 235U	2s (%)	206Pb 238U	2s (%)	Rho	207Pb 206Pb	2s abs	206Pb 238U	2s abs	207Pb 235U	2s abs	conc. d	
1b	8	0.076	149.908	0.746	0.204	0.001	0.644	0.005	18.078	0.005	0.256	0.805	22.761	1.800	0.644	1.610	0.894	3224	13	3204	40	3216	17	99		
1b	9	0.073	42.413	1.755	0.191	0.001	0.624	0.005	16.412	0.005	0.240	0.796	20.664	1.850	0.624	1.670	0.903	3120	13	3126	41	3122	17	100		
1b	10	0.062	53.439	0.945	0.169	0.001	0.584	0.005	13.587	0.005	0.213	0.839	17.109	1.844	0.584	1.642	0.891	2925	14	2963	38	2940	17	101		
1b	14	0.118	157.151	1.422	0.166	0.001	0.579	0.005	13.215	0.005	0.208	0.805	16.632	1.801	0.579	1.611	0.895	2893	13	2943	38	2913	17	101		
1b	15	0.177	43.407	1.160	0.197	0.001	0.649	0.005	17.642	0.005	0.248	0.843	22.189	1.859	0.649	1.657	0.891	3171	13	3224	42	3192	18	101		
1b	16	0.042	152.145	0.475	0.188	0.001	0.618	0.006	16.012	0.006	0.237	0.784	20.167	1.956	0.618	1.792	0.916	3097	12	3101	44	3099	18	100		
1b	19	0.018	190.737	0.921	0.195	0.001	0.624	0.005	16.761	0.005	0.246	0.755	21.115	1.834	0.624	1.672	0.911	3156	12	3124	41	3143	17	99		
1b	20	0.117	109.241	0.735	0.191	0.001	0.669	0.006	17.639	0.006	0.241	0.769	22.200	1.842	0.669	1.674	0.909	3125	12	3300	43	3192	17	105		
1b	27	0.030	110.957	1.012	0.177	0.001	0.587	0.005	14.314	0.005	0.223	0.798	18.031	1.799	0.587	1.612	0.896	3000	13	2977	38	2991	17	99		
1b	28	1.000	47.076	0.822	0.176	0.001	0.587	0.005	14.241	0.005	0.222	1.394	17.962	2.196	0.587	1.697	0.773	2993	23	2978	40	2987	21	99		
1b	29	0.021	65.702	0.674	0.159	0.001	0.551	0.005	12.059	0.005	0.200	0.782	15.192	1.850	0.551	1.676	0.906	2825	13	2829	38	2827	17	100		
1b	30	0.009	141.279	0.163	0.202	0.001	0.653	0.005	18.234	0.005	0.255	0.766	22.972	1.832	0.653	1.664	0.908	3216	12	3241	42	3225	17	100		
1b	32	0.126	80.369	0.555	0.158	0.001	0.559	0.005	12.150	0.005	0.198	0.834	15.289	1.983	0.559	1.798	0.907	2813	14	2861	41	2833	18	101		
1b	33	0.045	104.849	0.747	0.192	0.001	0.623	0.005	16.501	0.005	0.242	0.767	20.782	1.826	0.623	1.658	0.908	3132	12	3121	40	3128	17	99		
1b	34	BDL	82.563	0.831	0.160	0.001	0.559	0.005	12.312	0.005	0.201	0.777	15.513	1.841	0.559	1.670	0.907	2835	13	2864	38	2847	17	101		
1b	35	0.031	207.055	0.880	0.157	0.001	0.549	0.005	11.917	0.005	0.198	0.770	15.010	1.887	0.549	1.723	0.913	2812	13	2821	39	2815	17	100		
1b	36	0.182	35.607	0.605	0.187	0.001	0.607	0.005	15.636	0.005	0.235	0.858	19.665	1.952	0.607	1.753	0.898	3087	14	3056	42	3075	18	98		
1b	40	BDL	140.694	0.269	0.206	0.001	0.647	0.005	18.419	0.005	0.260	0.775	23.207	1.802	0.647	1.627	0.903	3247	12	3216	41	3235	17	99		
1b	47	0.050	241.691	0.939	0.211	0.001	0.607	0.005	17.664	0.005	0.266	0.808	22.246	1.781	0.607	1.588	0.891	3280	13	3059	38	3194	17	93		
1b	48	0.183	69.578	0.539	0.162	0.001	0.559	0.005	12.521	0.005	0.204	0.815	15.748	1.856	0.559	1.668	0.898	2860	13	2863	38	2861	17	100		
1b	49	BDL	52.644	0.709	0.196	0.001	0.660	0.005	17.864	0.006	0.247	0.775	22.509	1.839	0.660	1.668	0.907	3167	12	3268	42	3205	17	103		
1b	50	0.110	76.197	1.282	0.157	0.001	0.516	0.004	11.151	0.004	0.197	0.786	14.034	1.842	0.516	1.666	0.904	2803	13	2683	36	2752	17	95		
1b	51	0.070	48.370	1.041	0.160	0.001	0.549	0.005	12.084	0.005	0.201	0.801	15.215	1.854	0.549	1.672	0.902	2834	13	2821	38	2828	17	99		
1b	52	0.046	187.895	0.808	0.168	0.001	0.576	0.005	13.350	0.005	0.212	0.775	16.814	1.893	0.576	1.727	0.912	2919	13	2931	40	2924	18	100		
1b	53	BDL	71.922	0.762	0.205	0.001	0.659	0.005	18.644	0.005	0.258	0.809	23.492	1.801	0.659	1.609	0.893	3237	13	3264	41	3247	17	100		
1b	54	0.069	67.510	0.777	0.196	0.001	0.614	0.005	16.613	0.005	0.247	0.773	20.918	1.833	0.614	1.662	0.907	3166	12	3086	40	3134	17	97		
1b	55	0.071	63.866	1.124	0.153	0.001	0.551	0.005	11.623	0.005	0.193	0.836	14.634	1.962	0.551	1.775	0.905	2764	14	2829	40	2791	18	102		
1b	56	0.052	50.017	0.306	0.158	0.001	0.553	0.005	12.025	0.005	0.198	0.796	15.144	1.840	0.553	1.659	0.902	2813	13	2839	38	2824	17	100		
1b	57	BDL	124.781	1.298	0.169	0.001	0.574	0.005	13.408	0.005	0.213	0.815	16.894	1.794	0.574	1.598	0.891	2930	13	2926	37	2928	17	99		
1b	59	1.000	92.057	0.843	0.158	0.001	0.558	0.005	12.162	0.005	0.199	1.485	15.331	2.253	0.558	1.694	0.752	2819	25	2858	39	2836	21	101		
1b	67	BDL	196.029	0.597	0.165	0.001	0.536	0.004	12.192	0.004	0.208	0.770	15.362	1.795	0.536	1.621	0.903	2887	12	2768	36	2837	16	95		
1b	69	BDL	51.823	0.841	0.173	0.001	0.588	0.005	13.988	0.005	0.218	0.823	17.625	1.832	0.588	1.637	0.894	2962	13	2979	39	2969	17	100		
1b	71	0.118	66.264	0.516	0.205	0.001	0.667	0.005	18.887	0.005	0.258	0.856	23.769	1.835	0.667	1.623	0.884	3236	13	3295	41	3258	17	101		
1b	72	0.050	121.170	0.733	0.187	0.001	0.614	0.005	15.841	0.005	0.236	0.772	19.949	1.818	0.614	1.646	0.905	3091	12	3085	40	3088	17	99		
1b	74	BDL	155.184	1.244	0.192	0.001	0.654	0.005	17.279	0.005	0.241	0.762	21.772	1.814	0.654	1.646	0.907	3129	12	3244	41	3173	17	103		

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1b	75	BDL	46.248	0.769	0.252	0.001	0.734	0.006	25.498	0.006	0.317	0.798	32.128	1.808	0.734	1.623	0.897	3556	12	3549	44	3554	17	99
1b	77	0.070	117.960	1.494	0.171	0.001	0.591	0.005	13.953	0.005	0.216	0.810	17.568	1.798	0.591	1.605	0.893	2948	13	2992	38	2966	17	101
1b	79	BDL	129.651	1.044	0.157	0.001	0.551	0.005	11.914	0.005	0.198	0.803	15.011	1.909	0.551	1.732	0.907	2806	13	2828	39	2815	18	100
1b	80	BDL	102.329	0.515	0.163	0.001	0.558	0.005	12.567	0.005	0.206	0.820	15.835	1.913	0.558	1.728	0.903	2873	13	2857	39	2866	18	99
1b	87	0.039	182.730	0.848	0.157	0.001	0.502	0.004	10.865	0.004	0.198	0.779	13.685	1.870	0.502	1.700	0.909	2807	13	2622	36	2728	17	93
1b	88	0.115	61.224	0.577	0.165	0.001	0.556	0.005	12.638	0.005	0.207	0.832	15.905	1.832	0.556	1.632	0.891	2884	14	2851	37	2871	17	98
1b	90	BDL	76.143	0.651	0.153	0.001	0.547	0.005	11.568	0.005	0.193	0.971	14.576	2.094	0.547	1.856	0.886	2770	16	2811	42	2787	19	101
1b	93	0.105	159.759	0.596	0.196	0.001	0.616	0.005	16.673	0.006	0.247	0.889	20.986	2.002	0.616	1.794	0.896	3165	14	3094	44	3137	19	97
1b	94	BDL	112.668	0.814	0.173	0.001	0.576	0.005	13.759	0.005	0.218	0.779	17.336	1.821	0.576	1.645	0.904	2967	13	2933	38	2953	17	98
1b	97	0.090	250.496	1.021	0.180	0.001	0.581	0.005	14.398	0.005	0.226	0.781	18.125	1.862	0.581	1.691	0.908	3025	12	2953	40	2996	17	97
1b	98	BDL	134.854	0.480	0.179	0.001	0.595	0.005	14.669	0.005	0.225	0.783	18.483	1.879	0.595	1.708	0.909	3018	13	3010	41	3015	18	99
1b	99	0.007	102.806	0.614	0.161	0.001	0.534	0.004	11.848	0.004	0.203	0.907	14.928	1.848	0.534	1.610	0.871	2849	15	2757	36	2810	17	96
1b	100	0.094	46.721	1.224	0.201	0.001	0.650	0.005	18.010	0.005	0.253	0.807	22.671	1.813	0.650	1.624	0.896	3204	13	3226	41	3212	17	100
1b	109	BDL	59.062	1.432	0.201	0.001	0.605	0.005	16.786	0.005	0.254	0.953	21.151	1.901	0.605	1.645	0.865	3208	15	3048	39	3145	18	95
1b	110	0.062	130.917	0.796	0.185	0.001	0.604	0.005	15.408	0.005	0.233	0.777	19.402	1.835	0.604	1.662	0.906	3071	12	3047	40	3062	17	99
1b	111	BDL	50.133	1.088	0.249	0.001	0.725	0.006	24.910	0.006	0.314	0.790	31.386	1.815	0.725	1.634	0.900	3541	12	3512	44	3531	17	99
1b	112	0.057	155.329	0.907	0.253	0.001	0.732	0.006	25.530	0.006	0.318	0.809	32.149	1.787	0.732	1.594	0.892	3561	12	3542	43	3554	17	99
1b	113	0.025	81.987	0.581	0.169	0.001	0.576	0.005	13.434	0.005	0.213	1.260	16.923	2.202	0.576	1.806	0.820	2928	21	2932	42	2930	21	100
1b	115	0.089	151.315	0.399	0.203	0.001	0.596	0.005	16.640	0.005	0.255	0.830	20.948	1.783	0.596	1.579	0.885	3216	13	3012	37	3136	17	93
1b	116	BDL	4.186	0.168	0.192	0.001	0.626	0.006	16.526	0.007	0.241	1.493	20.823	2.564	0.626	2.084	0.813	3128	24	3132	51	3130	24	100
1b	118	0.022	174.536	0.806	0.158	0.001	0.548	0.004	11.920	0.004	0.199	0.781	15.015	1.804	0.548	1.627	0.902	2815	13	2817	37	2816	17	100
1b	120	BDL	65.357	0.790	0.243	0.001	0.710	0.006	23.787	0.006	0.306	0.843	29.972	1.821	0.710	1.614	0.886	3502	13	3457	43	3485	17	98
1b	127	BDL	161.375	0.808	0.186	0.001	0.596	0.005	15.253	0.005	0.234	0.835	19.219	1.782	0.596	1.574	0.883	3078	13	3013	37	3052	17	97
1b	128	0.025	64.267	1.139	0.247	0.001	0.696	0.006	23.750	0.006	0.312	0.780	29.917	1.816	0.696	1.640	0.903	3529	12	3405	43	3484	17	96
1b	129	0.014	157.949	0.700	0.214	0.001	0.652	0.005	19.249	0.005	0.270	0.780	24.251	1.805	0.652	1.628	0.902	3305	12	3235	41	3278	17	97
1b	131	BDL	145.476	1.429	0.175	0.001	0.574	0.005	13.858	0.005	0.221	0.777	17.461	1.809	0.574	1.633	0.903	2984	12	2925	38	2960	17	98
1b	132	0.079	183.534	0.473	0.178	0.001	0.584	0.005	14.354	0.005	0.225	0.785	18.072	1.826	0.584	1.648	0.903	3013	13	2964	39	2993	17	98
1b	133	BDL	147.560	0.683	0.158	0.001	0.539	0.004	11.730	0.004	0.199	0.906	14.779	1.821	0.539	1.579	0.867	2816	15	2780	35	2801	17	98
1b	134	0.435	34.573	0.424	0.185	0.001	0.602	0.005	15.388	0.005	0.233	1.029	19.304	2.050	0.602	1.772	0.865	3070	17	3036	42	3057	19	98
1b	135	BDL	71.005	0.671	0.160	0.001	0.559	0.005	12.328	0.005	0.201	0.825	15.533	1.879	0.559	1.688	0.898	2838	13	2862	38	2848	17	100
1b	137	BDL	24.264	0.182	0.201	0.001	0.631	0.006	17.477	0.006	0.253	1.120	22.022	2.223	0.631	1.920	0.864	3204	18	3154	47	3184	21	98
1b	138	0.088	64.831	0.937	0.200	0.001	0.628	0.005	17.368	0.005	0.252	0.948	21.865	1.906	0.628	1.653	0.868	3199	15	3143	41	3177	18	98
1b	139	BDL	70.618	0.593	0.201	0.001	0.634	0.005	17.602	0.005	0.254	0.889	22.179	1.839	0.634	1.609	0.875	3207	14	3165	40	3191	17	98
1b	140	0.189	54.454	0.572	0.179	0.001	0.594	0.005	14.645	0.005	0.225	0.850	18.417	1.816	0.594	1.604	0.884	3016	14	3005	38	3011	17	99
1b	148	1.942	109.093	0.818	0.288	0.001	0.781	0.006	31.015	0.006	0.356	1.590	38.320	2.326	0.781	1.698	0.730	3733	24	3718	47	3728	23	99
1b	151	0.329	23.754	0.786	0.199	0.001	0.657	0.005	18.040	0.005	0.250	0.890	22.656	1.877	0.657	1.652	0.881	3186	14	3253	42	3212	18	102
1b	152	0.152	35.094	1.395	0.202	0.001	0.625	0.005	17.391	0.005	0.254	0.857	21.879	1.828	0.625	1.614	0.883	3208	13	3130	39	3178	17	97
1b	154	0.219	40.056	0.643	0.169	0.001	0.560	0.005	13.040	0.005	0.212	1.008	16.395	1.941	0.560	1.658	0.855	2922	16	2867	38	2900	18	98
1b	155	BDL	33.511	1.010	0.207	0.001	0.643	0.005	18.349	0.005	0.261	0.841	23.120	1.879	0.643	1.681	0.894	3251	13	3201	42	3232	18	98

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Depositional setting and U-Pb detrital record of rift-related deposits of the Moeda Formation (Minas Supergroup) at Gandarela and Ouro Fino synclines, Quadrilátero Ferrífero, Brazil

Rafael da Silva Madureira, Maximiliano Martins, Gláucia Queiroga, Cristiano Lana, Luiz Fernandes Dutra, Ana Ramalho Alkmim

1b	156	0.050	48.074	0.808	0.163	0.001	0.546	0.004	12.247	0.004	0.205	0.821	15.424	1.827	0.546	1.632	0.893	2864	13	2809	37	2841	17	98
1b	167	0.014	214.487	0.714	0.160	0.001	0.559	0.004	12.364	0.004	0.202	0.823	15.577	1.783	0.559	1.581	0.887	2843	13	2861	36	2851	16	100
1b	168	BDL	129.209	0.344	0.190	0.001	0.661	0.005	17.329	0.005	0.240	0.784	21.834	1.791	0.661	1.610	0.899	3116	12	3271	41	3176	17	104
1b	169	BDL	114.940	0.687	0.177	0.001	0.615	0.005	15.000	0.005	0.223	0.786	18.900	1.795	0.615	1.614	0.899	3002	13	3089	39	3036	17	102
1b	170	0.074	131.076	0.413	0.204	0.001	0.681	0.005	19.192	0.006	0.257	0.787	24.164	1.792	0.681	1.610	0.898	3229	12	3349	42	3275	17	103
1b	172	BDL	103.279	1.034	0.203	0.001	0.653	0.005	18.260	0.005	0.256	0.788	23.008	1.801	0.653	1.619	0.899	3220	12	3238	41	3227	17	100
1b	173	1.000	94.161	0.492	0.165	0.001	0.585	0.005	13.334	0.005	0.208	1.541	16.813	2.248	0.585	1.636	0.728	2893	25	2969	38	2924	21	102
1b	174	BDL	68.293	0.600	0.191	0.001	0.606	0.005	16.002	0.005	0.241	0.794	20.162	1.798	0.606	1.613	0.897	3127	13	3055	39	3099	17	97
1b	175	BDL	163.703	0.828	0.258	0.001	0.779	0.006	27.649	0.006	0.324	0.928	34.838	1.845	0.779	1.595	0.864	3591	14	3712	45	3634	18	103
1b	176	0.157	154.666	0.636	0.160	0.001	0.541	0.004	11.936	0.004	0.201	0.812	15.016	1.796	0.541	1.602	0.892	2837	13	2786	36	2816	16	98
1b	177	0.016	189.192	0.651	0.170	0.001	0.614	0.005	14.368	0.005	0.214	0.784	18.101	1.787	0.614	1.606	0.899	2934	13	3086	39	2995	17	105
1b	178	1.000	249.157	0.850	0.167	0.001	0.562	0.005	12.905	0.005	0.210	1.458	16.266	2.254	0.562	1.719	0.763	2905	24	2873	39	2892	21	98
1b	179	0.067	94.122	0.544	0.194	0.001	0.655	0.005	17.499	0.005	0.244	0.999	22.034	1.896	0.655	1.611	0.850	3146	16	3246	41	3185	18	103
1b	180	BDL	82.186	0.899	0.204	0.001	0.651	0.005	18.282	0.005	0.256	0.796	23.035	1.807	0.651	1.622	0.898	3225	12	3233	41	3228	17	100
1b	187	BDL	35.798	0.698	0.208	0.001	0.691	0.006	19.822	0.006	0.262	0.990	24.976	2.065	0.691	1.812	0.878	3260	16	3385	47	3307	20	103
1b	188	0.045	171.855	0.101	0.206	0.001	0.646	0.005	18.314	0.005	0.259	0.794	23.066	1.796	0.646	1.611	0.897	3240	12	3213	40	3229	17	99
1b	189	0.113	199.048	0.523	0.157	0.001	0.544	0.004	11.780	0.004	0.198	0.817	14.826	1.831	0.544	1.639	0.895	2805	13	2801	37	2804	17	99
1b	190	0.056	136.852	0.430	0.172	0.001	0.610	0.005	14.479	0.005	0.217	0.793	18.233	1.790	0.610	1.604	0.896	2957	13	3069	39	3002	17	103
1b	191	BDL	121.362	0.435	0.161	0.001	0.547	0.005	12.164	0.005	0.203	0.868	15.327	1.906	0.547	1.697	0.890	2852	14	2811	38	2835	18	98
1b	192	0.040	266.306	0.466	0.163	0.001	0.568	0.005	12.778	0.005	0.206	1.068	16.093	1.931	0.568	1.609	0.833	2870	17	2899	37	2882	18	101
1b	193	BDL	81.186	1.656	0.163	0.001	0.587	0.005	13.208	0.005	0.206	0.796	16.641	1.795	0.587	1.609	0.896	2872	13	2975	38	2914	17	103
1b	194	0.116	56.908	1.286	0.203	0.001	0.680	0.005	19.050	0.006	0.256	0.807	23.975	1.803	0.680	1.613	0.894	3219	13	3345	42	3267	17	103
1b	195	1.000	61.914	1.310	0.180	0.001	0.583	0.005	14.466	0.005	0.227	1.378	18.239	2.152	0.583	1.652	0.768	3030	22	2961	39	3002	20	97
1b	196	0.139	102.826	0.553	0.163	0.001	0.581	0.005	13.079	0.005	0.205	1.050	16.457	1.980	0.581	1.678	0.848	2870	17	2952	39	2903	18	102
1b	198	0.082	76.319	1.377	0.199	0.001	0.647	0.005	17.722	0.005	0.250	1.056	22.312	1.950	0.647	1.639	0.841	3185	17	3217	41	3197	18	101
1b	200	0.070	142.396	0.832	0.168	0.001	0.599	0.005	13.862	0.005	0.211	0.798	17.454	1.787	0.599	1.599	0.895	2914	13	3027	38	2960	17	103

Sample 4																									
					Ratios b						Ratios c							Dates c							
	spot	f206c	U (µg g-1) a	Th U	207Pb 206Pb	1s	206Pb 238U	1s	207Pb 235U	1s	207Pb 206Pb	2s (%)	207Pb 235U	2s (%)	206Pb 238U	2s (%)	Rho	207Pb 206Pb	2s abs	206Pb 238U	2s abs	207Pb 235U	2s abs	conc. d
4	(1) 7	0.039	209.014	0.786	0.198	0.001	0.604	0.006	16.466	0.007	0.235	1.049	19.587	2.380	0.604	2.136	0.898	3086	17	3047	52	3071	23	98
4	8	BDL	57.922	0.618	0.198	0.001	0.601	0.006	16.437	0.006	0.234	1.256	19.396	2.334	0.601	1.968	0.843	3079	20	3035	47	3061	22	98
4	(1) 9	0.027	66.848	1.286	0.186	0.001	0.586	0.006	15.006	0.006	0.221	1.088	17.852	2.381	0.586	2.118	0.889	2987	17	2973	50	2981	22	99
4	10	BDL	142.738	1.226	0.208	0.001	0.618	0.006	17.705	0.006	0.245	1.385	20.891	2.356	0.618	1.906	0.809	3154	22	3100	47	3133	22	98
4	(1) 10	0.352	142.598	0.648	0.221	0.002	0.654	0.007	19.963	0.007	0.263	1.467	23.672	2.564	0.654	2.102	0.820	3261	23	3243	53	3254	25	99
4	(1) 15	BDL	81.336	0.804	0.178	0.001	0.566	0.006	13.905	0.006	0.212	1.206	16.547	2.476	0.566	2.163	0.873	2922	20	2889	50	2908	23	98
4	(1) 18	BDL	34.542	0.841	0.170	0.001	0.560	0.006	13.137	0.007	0.202	1.646	15.633	2.803	0.560	2.269	0.809	2845	27	2867	52	2854	26	100
4	19	BDL	55.493	0.787	0.199	0.001	0.616	0.006	16.918	0.006	0.235	1.355	19.964	2.445	0.616	2.035	0.832	3087	22	3093	50	3089	23	100

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4	28	BDL	87.825	1.430	0.178	0.001	0.567	0.005	13.904	0.006	0.210	1.523	16.406	2.466	0.567	1.939	0.786	2905	25	2894	45	2900	23	99
4	(1) 28	0.204	46.285	0.532	0.185	0.001	0.582	0.006	14.826	0.006	0.219	1.197	17.607	2.462	0.582	2.151	0.874	2976	19	2956	51	2968	23	99
4	(1) 30	BDL	139.127	2.335	0.169	0.001	0.527	0.006	12.289	0.006	0.201	1.348	14.624	2.632	0.527	2.260	0.859	2836	22	2728	50	2791	25	96
4	30	BDL	55.760	1.470	0.188	0.001	0.595	0.006	15.449	0.006	0.222	1.089	18.229	2.153	0.595	1.857	0.863	2996	17	3009	44	3001	20	100
4	34	0.128	308.883	2.346	0.190	0.001	0.594	0.005	15.519	0.005	0.223	1.018	18.289	2.060	0.594	1.791	0.869	3005	16	3004	43	3005	19	99
4	36	BDL	350.512	0.360	0.181	0.001	0.523	0.005	13.087	0.005	0.214	0.987	15.443	2.027	0.523	1.771	0.874	2936	16	2712	39	2842	19	92
4	(1) 37	0.190	113.014	0.776	0.199	0.001	0.614	0.006	16.881	0.006	0.237	1.137	20.050	2.348	0.614	2.054	0.875	3098	18	3086	50	3093	22	99
4	38	0.027	139.841	0.900	0.188	0.001	0.582	0.005	15.075	0.006	0.221	1.151	17.783	2.199	0.582	1.874	0.852	2991	18	2958	44	2978	21	98
4	40	0.031	117.827	0.839	0.188	0.001	0.583	0.005	15.130	0.005	0.222	1.302	17.848	2.250	0.583	1.835	0.816	2996	21	2959	43	2981	21	98
4	49	BDL	108.925	1.511	0.170	0.001	0.557	0.005	13.007	0.005	0.200	1.062	15.349	2.088	0.557	1.798	0.861	2826	17	2852	41	2837	19	100
4	50	BDL	71.862	0.770	0.181	0.001	0.554	0.005	13.829	0.005	0.214	1.071	16.318	2.110	0.554	1.818	0.862	2934	17	2840	41	2895	20	96
4	51	0.207	188.957	0.680	0.182	0.001	0.576	0.005	14.423	0.005	0.214	1.191	16.984	2.143	0.576	1.782	0.831	2935	19	2931	42	2933	20	99
4	53	0.539	26.243	1.143	0.175	0.002	0.575	0.007	13.886	0.007	0.206	2.035	16.297	3.054	0.575	2.277	0.746	2872	33	2926	53	2894	29	101
4	(1) 53	BDL	181.927	1.045	0.210	0.001	0.622	0.007	17.967	0.007	0.249	1.083	21.381	2.359	0.622	2.095	0.888	3180	17	3117	52	3156	22	98
4	55	0.057	312.838	0.340	0.183	0.001	0.523	0.005	13.225	0.005	0.216	1.186	15.596	2.209	0.523	1.864	0.844	2953	19	2712	41	2852	21	91
4	(1) 56	0.258	431.895	0.708	0.158	0.001	0.533	0.006	11.615	0.006	0.188	1.291	13.786	2.494	0.533	2.133	0.856	2722	21	2752	47	2735	23	101
4	56	BDL	54.595	0.429	0.210	0.002	0.622	0.006	18.011	0.007	0.248	1.647	21.254	2.636	0.622	2.058	0.781	3171	26	3116	50	3150	25	98
4	58	0.115	47.409	1.307	0.215	0.002	0.693	0.007	20.539	0.007	0.253	1.559	24.208	2.557	0.693	2.027	0.793	3206	25	3393	53	3276	25	105
4	(1) 59	BDL	22.140	1.290	0.204	0.001	0.621	0.007	17.442	0.007	0.243	1.452	20.756	2.684	0.621	2.257	0.841	3136	23	3112	55	3127	26	99
4	60	0.302	12.939	0.108	0.178	0.002	0.609	0.007	14.966	0.007	0.210	1.850	17.606	2.873	0.609	2.198	0.765	2902	30	3067	53	2968	27	105
4	(1) 68	BDL	24.364	1.260	0.177	0.001	0.569	0.007	13.870	0.007	0.210	1.658	16.505	2.841	0.569	2.307	0.812	2908	27	2904	54	2906	27	99
4	(1) 70	0.013	269.877	0.531	0.190	0.002	0.604	0.006	15.834	0.007	0.226	1.872	18.840	2.842	0.604	2.139	0.753	3026	30	3044	52	3033	27	100
4	71	0.655	28.713	1.230	0.172	0.002	0.538	0.006	12.734	0.007	0.201	2.179	14.928	3.214	0.538	2.363	0.735	2837	36	2773	53	2810	30	97
4	(1) 74	BDL	31.853	1.000	0.191	0.001	0.598	0.007	15.755	0.007	0.227	1.392	18.748	2.605	0.598	2.202	0.845	3033	22	3021	53	3028	25	99
4	75	BDL	59.910	0.769	0.184	0.001	0.579	0.005	14.693	0.005	0.217	1.227	17.338	2.232	0.579	1.865	0.835	2960	20	2943	44	2953	21	99
4	79	BDL	52.602	0.671	0.189	0.001	0.580	0.006	15.091	0.006	0.223	1.568	17.808	2.533	0.580	1.990	0.785	3001	25	2947	47	2979	24	98
4	(1) 79	BDL	60.054	0.736	0.217	0.002	0.636	0.008	19.074	0.008	0.259	1.812	22.698	3.040	0.636	2.440	0.803	3238	29	3174	61	3214	29	98
4	92	BDL	70.380	0.888	0.202	0.001	0.606	0.006	16.847	0.006	0.238	1.323	19.880	2.303	0.606	1.884	0.818	3107	21	3052	45	3085	22	98
4	94	0.019	139.465	1.784	0.172	0.002	0.539	0.005	12.790	0.006	0.203	1.860	15.089	2.727	0.539	1.994	0.731	2850	31	2779	45	2820	26	97
4	97	0.011	216.235	0.452	0.188	0.001	0.576	0.005	14.964	0.006	0.222	1.253	17.656	2.257	0.576	1.877	0.832	2997	20	2932	44	2971	21	97
4	107	BDL	24.721	1.244	0.187	0.002	0.580	0.006	14.962	0.006	0.221	1.732	17.655	2.734	0.580	2.116	0.774	2985	28	2949	50	2971	26	98
4	108	BDL	42.032	1.590	0.185	0.001	0.573	0.006	14.636	0.006	0.218	1.345	17.271	2.362	0.573	1.942	0.822	2969	22	2921	45	2949	22	98
4	114	BDL	97.063	0.907	0.182	0.001	0.605	0.006	15.200	0.006	0.215	1.207	17.935	2.204	0.605	1.844	0.837	2944	19	3048	44	2986	21	103
4	117	BDL	26.584	0.868	0.201	0.001	0.605	0.006	16.791	0.006	0.238	1.406	19.814	2.420	0.605	1.970	0.814	3103	22	3049	47	3082	23	98
4	118	0.297	79.699	1.151	0.212	0.002	0.634	0.006	18.532	0.007	0.250	1.730	21.803	2.687	0.634	2.056	0.765	3181	28	3164	51	3175	26	99
4	127	BDL	129.567	0.791	0.208	0.001	0.622	0.006	17.880	0.006	0.246	1.372	21.098	2.358	0.622	1.918	0.813	3158	22	3118	47	3143	22	98
4	131	BDL	87.945	0.865	0.188	0.002	0.582	0.006	15.105	0.006	0.222	1.821	17.824	2.713	0.582	2.010	0.741	2997	29	2955	47	2980	26	98
4	134	0.146	89.351	0.675	0.192	0.002	0.591	0.006	15.655	0.006	0.226	1.790	18.446	2.673	0.591	1.985	0.743	3025	29	2994	47	3013	25	98
4	136	BDL	73.439	1.139	0.194	0.001	0.592	0.006	15.794	0.006	0.228	1.374	18.637	2.354	0.592	1.911	0.812	3086	17	3047	52	3071	23	98

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Sample 6																										
					Ratios b						Ratios c							Dates c								
	spot	f206c	U (µg g-1) a	Th U	207Pb 206Pb	1s	206Pb 238U b	1s	207Pb 235U	1s	207Pb 206Pb	2s (%)	207Pb 235U	2s (%)	206Pb 238U	2s (%)	Rho	207Pb 206Pb	2s abs	206Pb 238U	2s abs	207Pb 235U	2s abs	conc. d			
6	168	0.674	39.565	0.591	0.175	0.001	0.612	0.007	14.773	0.007	0.231	1.746	19.515	2.965	0.612	2.396	0.808	3060	29	3078	58	3067	28	100		
6	175	0.550	49.568	0.430	0.165	0.001	0.585	0.006	13.343	0.006	0.219	1.256	17.649	2.499	0.585	2.160	0.864	2971	21	2969	51	2970	23	99		
6	177	0.192	41.356	0.637	0.170	0.001	0.583	0.006	13.696	0.006	0.226	1.105	18.181	2.447	0.583	2.184	0.892	3024	18	2961	52	2999	23	97		
6	191	1.000	284.473	0.436	0.166	0.001	0.572	0.006	13.066	0.006	0.220	1.538	17.390	2.684	0.572	2.200	0.820	2983	25	2916	51	2956	25	97		
6	192	BDL	177.572	0.410	0.172	0.001	0.594	0.006	14.071	0.006	0.228	0.902	18.714	2.281	0.594	2.095	0.918	3041	15	3006	50	3027	21	98		
6	193	0.197	104.304	1.308	0.152	0.001	0.540	0.006	11.304	0.006	0.202	0.985	15.004	2.343	0.540	2.125	0.907	2838	16	2782	48	2815	22	98		
6	194	0.065	141.241	0.105	0.208	0.001	0.674	0.007	19.340	0.007	0.277	0.901	25.705	2.282	0.674	2.096	0.919	3344	14	3320	54	3335	22	99		
6	195	0.125	32.216	0.933	0.164	0.001	0.596	0.007	13.488	0.007	0.218	1.229	17.917	2.550	0.596	2.235	0.876	2967	20	3012	54	2985	24	101		
6	196	BDL	57.565	0.966	0.208	0.001	0.673	0.007	19.309	0.007	0.277	1.114	25.681	2.417	0.673	2.145	0.887	3345	18	3315	55	3334	23	99		
6	197	0.221	105.918	0.775	0.172	0.001	0.593	0.006	14.072	0.006	0.228	0.977	18.675	2.333	0.593	2.118	0.908	3041	16	3000	51	3025	22	98		
6	200	BDL	24.092	0.818	0.147	0.001	0.542	0.006	10.965	0.006	0.195	1.594	14.583	2.827	0.542	2.335	0.826	2787	27	2790	53	2788	26	100		
6	208	0.126	191.365	0.512	0.165	0.001	0.580	0.006	13.225	0.006	0.220	0.914	17.567	2.287	0.580	2.096	0.917	2979	15	2947	49	2966	21	98		
6	209	0.059	244.380	0.613	0.174	0.001	0.607	0.007	14.535	0.007	0.231	0.975	19.320	2.383	0.607	2.174	0.912	3059	16	3056	53	3057	22	99		
6	212	BDL	34.643	0.731	0.159	0.001	0.584	0.006	12.775	0.007	0.211	1.242	16.991	2.535	0.584	2.210	0.872	2913	21	2964	52	2934	24	101		
6	213	0.005	56.515	0.380	0.145	0.001	0.551	0.006	11.013	0.006	0.193	1.089	14.647	2.428	0.551	2.170	0.894	2767	18	2827	49	2792	22	102		
6	215	BDL	107.907	0.567	0.170	0.001	0.596	0.006	13.974	0.006	0.226	0.952	18.586	2.333	0.596	2.130	0.913	3026	15	3011	51	3020	22	99		
6	217	0.462	131.440	0.985	0.161	0.001	0.585	0.007	12.987	0.007	0.213	1.223	17.193	2.550	0.585	2.237	0.877	2930	20	2967	53	2945	24	101		
6	220	0.032	248.782	0.307	0.168	0.001	0.583	0.007	13.490	0.007	0.223	1.068	17.935	2.470	0.583	2.227	0.902	3002	17	2961	53	2986	23	98		
6	227	1.000	48.062	0.626	0.160	0.001	0.580	0.006	12.829	0.006	0.213	1.676	17.078	2.766	0.580	2.200	0.795	2932	28	2949	52	2939	26	100		
6	228	BDL	46.993	0.776	0.164	0.001	0.580	0.006	13.143	0.007	0.219	1.387	17.480	2.631	0.580	2.236	0.850	2970	23	2948	53	2961	25	99		
6	229	0.230	27.212	1.574	0.171	0.001	0.587	0.007	13.832	0.007	0.227	1.370	18.354	2.673	0.587	2.295	0.859	3028	22	2977	54	3008	25	98		
6	230	BDL	91.840	0.351	0.173	0.001	0.601	0.006	14.315	0.006	0.230	0.996	19.038	2.360	0.601	2.140	0.907	3049	16	3035	52	3043	22	99		
6	232	0.157	255.367	0.898	0.181	0.001	0.620	0.007	15.428	0.007	0.240	0.953	20.487	2.309	0.620	2.103	0.911	3118	15	3108	52	3114	22	99		
6	235	1.000	46.723	0.753	0.166	0.001	0.609	0.007	13.967	0.007	0.223	1.624	18.691	2.745	0.609	2.213	0.806	2999	27	3065	54	3026	26	102		
6	238	BDL	170.843	0.921	0.169	0.001	0.595	0.006	13.870	0.006	0.225	0.964	18.447	2.325	0.595	2.116	0.910	3016	16	3009	51	3013	22	99		
6	239	0.033	161.504	0.795	0.169	0.001	0.594	0.006	13.850	0.006	0.225	0.970	18.414	2.329	0.594	2.117	0.909	3016	16	3004	51	3011	22	99		
6	249	BDL	180.250	0.760	0.164	0.001	0.578	0.006	13.079	0.006	0.218	0.980	17.395	2.333	0.578	2.117	0.907	2969	16	2938	50	2956	22	98		
6	250	BDL	51.328	1.238	0.167	0.001	0.580	0.006	13.355	0.006	0.222	1.145	17.763	2.470	0.580	2.189	0.886	2994	19	2950	52	2976	23	98		
6	251	BDL	169.010	0.488	0.160	0.001	0.553	0.006	12.221	0.006	0.213	1.218	16.254	2.586	0.553	2.282	0.882	2928	20	2839	52	2891	24	96		
6	253	BDL	123.227	1.109	0.166	0.001	0.591	0.006	13.517	0.006	0.221	1.013	17.978	2.361	0.591	2.132	0.903	2984	17	2994	51	2988	22	100		
6	255	1.000	166.419	1.369	0.152	0.001	0.546	0.007	11.474	0.007	0.203	2.046	15.287	3.184	0.546	2.439	0.766	2851	34	2808	55	2833	30	98		
6	256	BDL	173.974	0.924	0.166	0.001	0.588	0.006	13.452	0.006	0.221	1.000	17.891	2.345	0.588	2.121	0.904	2985	16	2981	50	2983	22	99		
6	257	BDL	44.958	1.573	0.169	0.001	0.562	0.007	13.131	0.007	0.225	1.648	17.464	2.901	0.562	2.387	0.823	3018	27	2876	55	2960	27	95		
6	258	1.000	39.955	1.454	0.170	0.001	0.597	0.007	13.950	0.007	0.226	1.691	18.620	2.811	0.597	2.246	0.799	3026	28	3015	54	3022	26	99		
6	259	0.626	253.788	0.913	0.150	0.001	0.516	0.006	10.650	0.006	0.198	1.424	14.076	2.662	0.516	2.249	0.845	2809	24	2680	49	2754	24	95		

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6	267	0.163	172.317	0.361	0.168	0.001	0.594	0.006	13.791	0.006	0.224	1.077	18.312	2.392	0.594	2.136	0.893	3006	18	3006	51	3006	22	99
6	268	0.076	83.928	0.890	0.168	0.001	0.593	0.006	13.752	0.006	0.224	1.086	18.276	2.416	0.593	2.158	0.893	3007	18	3000	52	3004	23	99
6	270	0.210	145.959	1.108	0.168	0.001	0.578	0.007	13.401	0.007	0.223	1.375	17.786	2.704	0.578	2.328	0.861	3004	23	2939	55	2978	25	97
6	271	BDL	33.252	0.507	0.239	0.001	0.749	0.008	24.646	0.009	0.317	1.194	32.780	2.536	0.749	2.238	0.882	3557	19	3604	62	3574	25	101
6	274	BDL	43.139	0.825	0.191	0.001	0.640	0.007	16.867	0.007	0.254	1.177	22.433	2.507	0.640	2.214	0.883	3211	19	3188	55	3202	24	99
6	276	0.246	58.824	1.146	0.170	0.001	0.566	0.006	13.278	0.006	0.226	1.173	17.616	2.473	0.566	2.177	0.880	3022	19	2890	50	2969	23	95
6	277	BDL	67.191	0.709	0.172	0.001	0.591	0.006	14.030	0.006	0.229	1.120	18.659	2.441	0.591	2.169	0.889	3046	18	2991	52	3024	23	98
6	278	BDL	27.677	0.540	0.151	0.001	0.586	0.007	12.177	0.007	0.201	1.459	16.195	2.706	0.586	2.279	0.842	2830	24	2971	54	2888	25	104
6	279	BDL	75.186	0.476	0.170	0.001	0.580	0.006	13.620	0.006	0.226	1.328	18.115	2.567	0.580	2.197	0.856	3026	22	2949	52	2995	24	97
6	289	BDL	106.954	2.067	0.165	0.001	0.574	0.007	13.018	0.007	0.219	1.494	17.314	2.813	0.574	2.383	0.847	2972	25	2922	56	2952	26	98
6	290	BDL	79.994	1.625	0.164	0.001	0.587	0.006	13.294	0.006	0.218	1.139	17.680	2.448	0.587	2.167	0.885	2968	19	2978	51	2972	23	100
6	291	BDL	25.235	3.187	0.164	0.001	0.575	0.007	12.987	0.007	0.218	1.557	17.273	2.812	0.575	2.341	0.833	2964	26	2929	55	2950	26	98
6	292	BDL	61.472	1.411	0.203	0.002	0.654	0.007	18.274	0.008	0.270	1.539	24.305	2.725	0.654	2.249	0.825	3303	25	3243	57	3280	26	98
6	294	BDL	73.664	0.820	0.168	0.001	0.574	0.006	13.284	0.006	0.223	1.174	17.667	2.472	0.574	2.176	0.880	3004	19	2923	51	2971	23	97
6	296	0.097	74.715	0.629	0.164	0.001	0.596	0.006	13.501	0.007	0.218	1.163	17.939	2.468	0.596	2.177	0.882	2968	19	3012	52	2986	23	101
6	297	0.115	128.513	0.835	0.179	0.001	0.615	0.007	15.202	0.007	0.238	1.547	20.196	2.845	0.615	2.387	0.839	3107	25	3091	58	3100	27	99
6	299	BDL	67.171	1.265	0.216	0.001	0.710	0.008	21.171	0.008	0.288	1.165	28.157	2.463	0.710	2.169	0.881	3404	18	3458	58	3424	24	101
6	308	0.117	91.564	1.110	0.160	0.001	0.561	0.006	12.350	0.006	0.212	1.326	16.406	2.550	0.561	2.178	0.854	2920	22	2872	50	2900	24	98
6	309	BDL	108.392	1.048	0.168	0.001	0.590	0.007	13.656	0.007	0.223	1.280	18.162	2.574	0.590	2.233	0.868	3005	21	2988	53	2998	24	99
6	310	BDL	62.563	1.048	0.159	0.001	0.603	0.007	13.223	0.007	0.211	1.447	17.587	2.635	0.603	2.202	0.836	2916	24	3043	53	2967	25	104
6	319	0.044	93.958	0.739	0.171	0.001	0.609	0.007	14.353	0.007	0.227	1.173	19.081	2.473	0.609	2.177	0.880	3031	19	3067	53	3045	23	101
6	320	0.401	140.414	1.856	0.148	0.001	0.549	0.006	11.183	0.007	0.196	2.004	14.813	3.086	0.549	2.346	0.760	2791	34	2819	53	2803	29	100
6	327	0.223	34.121	1.021	0.169	0.001	0.582	0.007	13.532	0.007	0.224	1.469	17.957	2.718	0.582	2.287	0.842	3007	24	2957	54	2987	26	98
6	329	BDL	83.418	0.291	0.181	0.001	0.633	0.007	15.812	0.007	0.241	1.225	21.030	2.504	0.633	2.184	0.872	3126	20	3161	54	3139	24	101
6	333	BDL	108.158	0.725	0.188	0.001	0.635	0.007	16.472	0.007	0.250	1.286	21.907	2.502	0.635	2.146	0.858	3186	21	3169	53	3179	24	99
6	334	0.258	99.739	0.600	0.176	0.001	0.606	0.007	14.673	0.007	0.233	1.263	19.465	2.505	0.606	2.163	0.864	3071	21	3055	52	3065	24	99
6	335	BDL	171.551	1.639	0.163	0.001	0.589	0.006	13.211	0.006	0.216	1.204	17.571	2.490	0.589	2.179	0.875	2954	20	2983	52	2966	23	100
6	336	0.377	159.125	0.487	0.169	0.001	0.580	0.006	13.526	0.006	0.224	1.302	17.922	2.531	0.580	2.170	0.858	3010	21	2949	51	2985	24	97
6	353	0.128	109.033	0.892	0.150	0.001	0.552	0.006	11.395	0.006	0.199	1.695	15.136	2.789	0.552	2.215	0.794	2816	28	2834	51	2823	26	100
6	354	0.286	135.769	0.563	0.167	0.001	0.574	0.006	13.234	0.006	0.222	1.334	17.550	2.557	0.574	2.182	0.853	2993	22	2923	51	2965	24	97
6	356	BDL	99.156	0.982	0.166	0.001	0.597	0.007	13.706	0.007	0.221	1.304	18.229	2.553	0.597	2.195	0.860	2990	21	3018	53	3001	24	100

	Sample 2																								
					Ratios b						Ratios c							Dates c						
	spot	f206c	U (µg g-1) a	Th/U	207Pb/206Pb	1s	206Pb/238U	1s	207Pb/235U	1s	207Pb/206Pb	2s (%)	207Pb/235U	2s (%)	206Pb/238U	2s (%)	Rho	207Pb/206Pb	2s abs	206Pb/238U	2s abs	207Pb/235U	2s abs	conc. d
2	40	BDL	46.299	0.700	0.165	0.001	0.550	0.006	12.534	0.006	0.202	1.501	15.291	2.496	0.550	1.994	0.799	2838	25	2826	45	2833	23	99
2	48	BDL	81.613	1.074	0.189	0.001	0.588	0.005	15.312	0.005	0.230	1.085	18.681	2.054	0.588	1.744	0.849	3055	17	2980	41	3025	19	97
2	51	0.077	163.191	0.844	0.187	0.001	0.597	0.005	15.375	0.005	0.228	0.941	18.744	1.941	0.597	1.698	0.875	3036	15	3017	41	3028	18	99

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2	68	0.065	121.600	0.638	0.177	0.001	0.579	0.005	14.134	0.005	0.216	0.941	17.232	1.952	0.579	1.710	0.876	2950	15	2943	40	2947	18	99
2	70	0.129	33.771	0.712	0.174	0.001	0.561	0.005	13.455	0.005	0.212	1.246	16.394	2.222	0.561	1.840	0.828	2921	20	2869	42	2900	21	98
2	71	0.160	141.474	0.842	0.187	0.001	0.570	0.005	14.658	0.005	0.227	1.141	17.854	2.099	0.570	1.762	0.839	3032	18	2907	41	2981	20	95
2	74	BDL	53.557	1.496	0.185	0.001	0.592	0.005	15.072	0.005	0.225	1.121	18.388	2.103	0.592	1.780	0.846	3019	18	2996	42	3010	20	99
2	78	BDL	127.807	0.801	0.168	0.001	0.546	0.005	12.612	0.005	0.204	1.080	15.387	2.123	0.546	1.827	0.861	2861	18	2808	41	2839	20	98
2	79	BDL	155.069	0.316	0.188	0.001	0.590	0.005	15.334	0.005	0.230	0.950	18.707	1.971	0.590	1.727	0.876	3050	15	2990	41	3026	18	98
2	87	BDL	37.434	1.615	0.185	0.001	0.590	0.005	15.036	0.005	0.225	1.061	18.344	2.073	0.590	1.781	0.859	3019	17	2990	42	3007	19	99
2	89	BDL	252.373	2.306	0.184	0.001	0.576	0.005	14.607	0.005	0.224	0.920	17.820	1.938	0.576	1.706	0.880	3011	15	2934	40	2980	18	97
2	90	BDL	217.221	0.410	0.208	0.001	0.632	0.005	18.136	0.006	0.254	0.927	22.125	1.949	0.632	1.715	0.880	3209	15	3156	43	3189	18	98
2	92	BDL	229.871	0.330	0.185	0.001	0.578	0.005	14.697	0.005	0.225	0.954	17.931	1.967	0.578	1.720	0.875	3018	15	2938	40	2986	18	97
2	93	BDL	88.729	0.725	0.181	0.001	0.588	0.005	14.704	0.005	0.221	0.981	17.939	1.993	0.588	1.735	0.870	2990	16	2980	41	2986	19	99
2	94	BDL	192.343	0.516	0.222	0.001	0.641	0.006	19.612	0.006	0.271	0.977	23.927	2.018	0.641	1.766	0.875	3311	15	3191	44	3265	19	96
2	96	0.010	308.785	1.072	0.238	0.001	0.656	0.006	21.477	0.006	0.290	1.040	26.200	2.075	0.656	1.795	0.865	3416	16	3250	46	3354	20	95
2	98	BDL	21.690	1.297	0.161	0.001	0.535	0.005	11.903	0.005	0.197	1.314	14.522	2.296	0.535	1.882	0.820	2799	22	2763	42	2784	21	98
2	99	0.184	180.557	0.808	0.158	0.001	0.493	0.005	10.751	0.005	0.193	1.125	13.092	2.147	0.493	1.828	0.852	2766	19	2581	39	2686	20	93
2	108	1.000	96.521	0.682	0.183	0.001	0.590	0.005	14.858	0.005	0.223	1.455	18.128	2.289	0.590	1.767	0.772	3001	24	2989	42	2996	22	99
2	114	BDL	132.850	0.395	0.185	0.001	0.590	0.005	15.069	0.005	0.226	1.129	18.384	2.086	0.590	1.754	0.841	3023	18	2990	42	3010	20	98
2	115	0.022	204.224	1.184	0.160	0.001	0.542	0.005	11.973	0.005	0.195	1.099	14.604	2.128	0.542	1.822	0.856	2788	18	2791	41	2789	20	100
2	119	BDL	134.546	0.333	0.185	0.001	0.592	0.005	15.077	0.005	0.225	1.051	18.394	2.022	0.592	1.727	0.854	3017	17	2999	41	3010	19	99
2	129	BDL	216.764	0.660	0.202	0.001	0.576	0.005	16.069	0.005	0.247	1.191	19.605	2.122	0.576	1.756	0.828	3164	19	2932	41	3072	20	92
2	130	0.034	81.277	0.908	0.191	0.001	0.606	0.005	15.974	0.005	0.233	1.048	19.482	2.037	0.606	1.747	0.858	3072	17	3055	42	3065	19	99
2	132	0.118	103.910	0.944	0.178	0.001	0.566	0.005	13.932	0.005	0.217	1.008	16.977	2.014	0.566	1.744	0.866	2961	16	2893	40	2933	19	97
2	134	BDL	123.122	0.818	0.159	0.001	0.538	0.005	11.831	0.005	0.195	0.985	14.434	2.001	0.538	1.742	0.871	2780	16	2775	39	2778	18	99
2	136	BDL	242.005	0.713	0.159	0.001	0.536	0.005	11.760	0.005	0.194	0.968	14.347	1.986	0.536	1.735	0.873	2777	16	2766	39	2772	18	99
2	138	BDL	309.904	1.055	0.161	0.001	0.508	0.004	11.311	0.005	0.197	1.134	13.799	2.079	0.508	1.742	0.838	2800	19	2649	38	2736	19	94
2	140	BDL	220.767	1.624	0.162	0.001	0.546	0.005	12.186	0.005	0.197	0.964	14.867	1.981	0.546	1.731	0.874	2804	16	2809	39	2806	18	100
2	155	0.190	80.731	0.681	0.180	0.001	0.589	0.005	14.634	0.005	0.220	1.279	17.820	2.222	0.589	1.818	0.818	2977	21	2983	43	2980	21	100
2	167	BDL	192.497	0.701	0.171	0.001	0.555	0.005	13.127	0.005	0.209	1.050	16.015	2.034	0.555	1.742	0.856	2898	17	2847	40	2877	19	98
2	168	BDL	107.051	1.884	0.162	0.001	0.542	0.005	12.134	0.005	0.198	1.010	14.804	2.029	0.542	1.759	0.867	2810	17	2791	40	2802	19	99
2	169	1.000	128.422	1.375	0.172	0.001	0.559	0.005	13.263	0.005	0.210	1.604	16.181	2.412	0.559	1.801	0.747	2903	26	2864	41	2887	23	98
2	173	BDL	101.823	2.151	0.168	0.001	0.541	0.006	12.544	0.006	0.205	1.564	15.304	2.582	0.541	2.054	0.796	2868	26	2787	46	2834	24	97
2	178	1.000	81.900	1.562	0.175	0.001	0.558	0.005	13.494	0.005	0.214	1.588	16.471	2.415	0.558	1.819	0.753	2936	26	2858	42	2904	23	97
2	190	BDL	143.618	1.292	0.204	0.002	0.630	0.006	17.700	0.007	0.249	1.766	21.594	2.708	0.630	2.052	0.758	3176	28	3149	51	3165	26	99
2	192	BDL	112.244	1.229	0.237	0.002	0.688	0.006	22.487	0.006	0.289	1.286	27.435	2.225	0.688	1.816	0.816	3414	20	3373	47	3399	21	98
2	193	0.089	263.573	1.668	0.179	0.001	0.584	0.005	14.415	0.005	0.218	1.011	17.571	2.030	0.584	1.761	0.867	2968	16	2963	42	2966	19	99
2	199	BDL	58.910	0.672	0.161	0.001	0.546	0.006	12.145	0.006	0.197	1.791	14.817	2.775	0.546	2.119	0.764	2799	30	2808	48	2803	26	100
2	200	BDL	63.375	0.632	0.237	0.002	0.706	0.007	23.027	0.008	0.289	1.551	28.094	2.593	0.706	2.078	0.801	3410	24	3442	55	3422	25	100

		Sample 3																							
						Ratios b						Ratios c							Dates c						
		spot	f206c	U (µg g-1) a	Th / U	207Pb / 206Pb	1s	206Pb / 238U	1s	207Pb / 235U	1s	207Pb / 206Pb	2s (%)	207Pb / 235U	2s (%)	206Pb / 238U	2s (%)	Rho	207Pb / 206Pb	2s abs	206Pb / 238U	2s abs	207Pb / 235U	2s abs	conc. d
3	10	BDL	298.847	0.480	0.180	0.001	0.573	0.005	14.239	0.005	0.220	0.921	17.371	1.915	0.573	1.679	0.877	2980	15	2918	39	2955	18	97	
3	11	0.089	338.487	0.829	0.165	0.001	0.499	0.004	11.317	0.005	0.201	1.136	13.794	2.119	0.499	1.789	0.844	2831	19	2607	38	2735	19	92	
3	18	BDL	189.043	0.514	0.181	0.001	0.587	0.005	14.674	0.005	0.221	0.987	17.902	2.019	0.587	1.761	0.872	2990	16	2976	42	2984	19	99	
3	19	BDL	106.631	0.590	0.186	0.001	0.587	0.005	15.084	0.005	0.227	1.014	18.402	1.967	0.587	1.686	0.857	3033	16	2977	40	3011	18	98	
3	27	BDL	145.124	0.985	0.183	0.001	0.595	0.005	15.026	0.005	0.223	0.945	18.332	1.935	0.595	1.689	0.873	3004	15	3011	40	3007	18	100	
3	35	BDL	15.469	0.765	0.264	0.002	0.815	0.009	29.705	0.010	0.322	1.442	36.241	2.708	0.815	2.293	0.846	3581	22	3843	66	3673	26	107	

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