

**Contributions to Mineralogy and
Petrology**

**Online Resource Material for:
Discrimination of TiO_2 polymorphs in
sedimentary and metamorphic rocks**

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January 20, 2010

OR 1: EMS analysis results of Erzgebirge samples, combined with Raman spot analysis results.
Ti, W, Al, and Mg are omitted because they were not used in this publication. For a full data set see [Triebold et al \(2007\)](#). ppm = ppm by mass.

Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S41_II_04_1	EGU1	Rt	812	657	32	1499	727	830	ND
EGB-04-S41_II_05_1	EGU1	Rt	2982	270	140	2677	1799	994	6
EGB-04-S41_II_06_1	EGU1	Rt	2668	519	125	1744	882	959	ND
EGB-04-S41_II_06_2	EGU1	Rt	2631	525	98	1620	814	951	ND
EGB-04-S41_II_06_3	EGU1	Rt	2457	537	90	1472	846	912	8
EGB-04-S41_II_07_1	EGU1	Rt	3813	251	46	3231	496	2035	4
EGB-04-S41_II_09_1	EGU1	Rt	2650	330	196	2208	1090	583	6
EGB-04-S41_II_09_2	EGU1	Rt	2288	361	199	1995	1103	445	ND
EGB-04-S41_II_09_3	EGU1	Rt	1360	312	198	1855	1074	741	ND
EGB-04-S41_II_10_1	EGU1	Rt	2466	328	85	1203	1287	857	ND
EGB-04-S41_II_10_2	EGU1	Rt	2728	376	61	1231	1305	901	11
EGB-04-S41_II_11_1	EGU1	Rt	1167	563	105	1899	1743	964	6
EGB-04-S41_II_12_1	EGU1	Rt	4409	266	247	3625	1038	899	ND
EGB-04-S41_II_12_2	EGU1	Rt	4435	272	232	3352	1045	786	1
EGB-04-S41_II_12_3	EGU1	Rt	4496	269	224	3346	1110	1011	ND
EGB-04-S41_II_14	EGU1	Rt	4793	648	86	2061	919	978	15
EGB-04-S41_II_16	EGU1	Rt	1518	423	76	1799	1691	774	ND
EGB-04-S41_II_17	EGU1	ms	4219	251	61	3497	692	1470	ND
EGB-04-S41_II_19	EGU1	Rt	5487	159	192	4543	798	847	ND
EGB-04-S41_II_21	EGU1	Rt	1753	88	240	2870	1158	847	ND
EGB-04-S41_II_22	EGU1	ms	2445	373	64	1023	679	834	18
EGB-04-S41_II_23	EGU1	Rt	3409	131	46	5964	853	791	51
EGB-04-S41_II_24	EGU1	Rt	4209	273	183	3364	680	847	29
EGB-04-S41_II_25	EGU1	ms	1725	365	98	2176	1101	937	ND
EGB-04-S41_II_26	EGU1	Rt	3016	229	105	2282	924	800	9
EGB-04-S41_II_28	EGU1	Rt	5506	445	171	3597	1001	838	ND
EGB-04-S41_II_29	EGU1	Rt	5335	136	190	3919	670	843	39
EGB-04-S41_II_30	EGU1	Rt	2373	543	50	1778	1404	754	133
EGB-04-S41_II_31	EGU1	Rt	1549	290	69	2356	1406	998	ND
EGB-04-S41_II_32	EGU1	Rt	1727	101	32	2689	1791	1110	ND
EGB-04-S41_II_33	EGU1	Rt	3968	679	44	1390	1164	1051	30
EGB-04-S41_II_34	EGU1	Rt	4336	252	213	3335	628	663	ND
EGB-04-S41_II_35	EGU1	Rt	2023	364	129	2386	1131	848	ND
EGB-04-S41_II_37	EGU1	Rt	4319	140	217	2982	723	818	ND
EGB-04-S41_II_38	EGU1	Rt	2150	248	60	5064	1036	820	ND
EGB-04-S45_II_01_1	EGU1	Rt	84	731	75	845	1312	470	3
EGB-04-S45_II_02_1	EGU1	Rt	158	700	211	1309	1382	621	8
EGB-04-S45_II_03_1	EGU1	Rt	538	437	339	2034	1057	619	5
EGB-04-S45_II_04_1	EGU1	Rt	884	486	86	1967	1742	847	ND
EGB-04-S45_II_05_1	EGU1	Rt	6133	820	273	3509	1833	537	0
EGB-04-S45_II_05_2	EGU1	Rt	5817	805	308	3189	1813	708	ND
EGB-04-S45_II_05_3	EGU1	Rt	5799	792	290	3211	1792	739	ND
EGB-04-S45_II_06_1	EGU1	Rt	6338	498	165	3574	1080	705	ND
EGB-04-S45_II_06_2	EGU1	Rt	6318	520	211	3829	1041	714	1
EGB-04-S45_II_06_3	EGU1	Rt	6322	547	155	4001	1037	691	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S45_II_07_1	EGU1	Rt	5576	354	209	3970	767	718	ND
EGB-04-S45_II_07_2	EGU1	Rt	5564	355	205	4197	797	800	3
EGB-04-S45_II_07_3	EGU1	Rt	5576	376	236	3911	770	715	ND
EGB-04-S45_II_08_1	EGU1	Rt	6026	356	228	3828	735	592	12
EGB-04-S45_II_08_2	EGU1	Rt	6285	340	201	4037	737	697	ND
EGB-04-S45_II_08_3	EGU1	Rt	6728	326	206	4338	800	717	ND
EGB-04-S45_II_09_1	EGU1	Rt	154	716	134	1923	928	640	6
EGB-04-S45_II_10_1	EGU1	Rt	119	756	72	1720	1195	433	10
EGB-04-S45_II_10_2	EGU1	Rt	158	770	100	1763	1355	390	ND
EGB-04-S45_II_10_3	EGU1	Rt	141	798	129	1818	1545	404	ND
EGB-04-S45_II_11	EGU1	Rt	5391	539	119	3015	1423	712	4
EGB-04-S45_II_12	EGU1	Rt	120	498	32	2009	1898	546	ND
EGB-04-S45_II_13	EGU1	Rt	259	733	69	2222	1750	578	13
EGB-04-S45_II_14	EGU1	Rt	2603	462	313	3221	759	808	ND
EGB-04-S45_II_15	EGU1	Rt	4029	395	143	3082	633	740	ND
EGB-04-S45_II_16	EGU1	Rt	139	673	87	897	1782	605	3
EGB-04-S45_II_17	EGU1	Rt	2153	582	75	1621	2529	625	1
EGB-04-S45_II_18	EGU1	Rt	5373	535	158	3189	1568	532	10
EGB-04-S45_II_19	EGU1	Rt	6080	448	180	3870	1024	696	ND
EGB-04-S45_II_20	EGU1	Rt	136	714	29	1026	1958	545	6
EGB-04-S45_II_22	EGU1	Rt	106	629	38	1115	1948	630	ND
EGB-04-S45_II_23	EGU1	Rt	60	494	15	1980	1313	492	ND
EGB-04-S45_II_24	EGU1	Rt	3308	489	160	2333	1291	705	ND
EGB-04-S45_II_25	EGU1	Rt	4373	439	154	2839	2497	559	ND
EGB-04-S45_II_26	EGU1	Rt	3028	428	266	3171	769	812	18
EGB-04-S45_II_29	EGU1	Rt	4273	443	130	3541	1344	461	ND
EGB-04-S45_II_30	EGU1	Rt	152	1037	34	1142	1869	606	ND
EGB-04-S45_II_31	EGU1	Rt	4933	667	134	922	1841	515	2
EGB-04-S45_II_34	EGU1	Rt	6385	417	169	4052	677	674	ND
EGB-04-S45_II_35	EGU1	Rt	93	756	18	1408	1786	463	ND
EGB-04-S50_II_01_1	EGU1	ms	1099	2293	ND	1890	1900	386	ND
EGB-04-S50_II_01_2	EGU1	ms	1042	2254	ND	2015	1933	343	30
EGB-04-S50_II_01_3	EGU1	ms	1092	2276	ND	2208	1950	381	5
EGB-04-S50_II_02_1	EGU1	Rt	224	399	ND	1044	1739	375	2
EGB-04-S50_II_04_1	EGU1	Rt	109	1421	ND	1119	2458	568	0
EGB-04-S50_II_05_1	EGU1	Rt	188	584	ND	1960	1410	302	240
EGB-04-S50_II_05_2	EGU1	Rt	241	630	ND	1285	1387	407	ND
EGB-04-S50_II_05_3	EGU1	Rt	249	606	ND	1355	1334	429	ND
EGB-04-S50_II_06_1	EGU1	Rt	483	281	ND	1514	1425	460	ND
EGB-04-S50_II_08_1	EGU1	Rt	187	618	ND	681	1708	412	ND
EGB-04-S50_II_08_2	EGU1	Rt	189	636	ND	976	1742	415	ND
EGB-04-S50_II_11_1	EGU1	Rt	2156	575	ND	1285	1828	595	ND
EGB-04-S50_II_11_2	EGU1	Rt	2414	582	ND	1307	1868	565	ND
EGB-04-S50_II_11_3	EGU1	Rt	2567	586	ND	1426	1880	629	ND
EGB-04-S50_II_12_1	EGU1	Rt	77	912	ND	1091	1780	367	11
EGB-04-S50_II_12_2	EGU1	Rt	156	887	ND	1338	1778	448	ND
EGB-04-S50_II_12_3	EGU1	Rt	158	913	ND	1363	1778	437	ND
EGB-04-S50_II_16_1	EGU1	Rt	995	472	ND	905	2181	430	ND
EGB-04-S50_II_17	EGU1	Rt	408	714	ND	2332	1599	432	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S50_II_18	EGU1	Rt	1065	204	ND	2625	1415	613	1
EGB-04-S50_II_19	EGU1	Rt	837	573	ND	2065	950	659	ND
EGB-04-S50_II_21	EGU1	Rt	99	580	ND	1066	1915	466	11
EGB-04-S50_II_25	EGU1	Rt	64	621	ND	1034	1947	423	ND
EGB-04-S50_II_26	EGU1	Rt	64	458	ND	1121	1957	409	ND
EGB-04-S50_II_27	EGU1	Rt	64	985	ND	749	2164	462	ND
EGB-04-S50_II_28	EGU1	Rt	690	490	ND	2019	1180	709	1
EGB-04-S50_II_29	EGU1	Rt	1504	465	ND	2534	929	337	ND
EGB-04-S50_II_30	EGU1	Rt	74	801	ND	1169	1553	386	ND
EGB-04-S50_II_32	EGU1	Rt	490	213	ND	2599	1695	459	ND
EGB-04-S50_II_35	EGU1	Rt	2479	112	ND	4299	1440	765	ND
EGB-04-S50_II_36	EGU1	Rt	88	1264	ND	1155	1736	446	ND
EGB-04-S50_II_37	EGU1	Rt	173	1044	ND	1299	2268	429	ND
EGB-04-S50_II_38	EGU1	Rt	222	727	ND	1797	1324	496	ND
EGB-04-S50_II_39	EGU1	Rt	75	1449	ND	1394	1417	484	ND
EGB-04-S50_II_40	EGU1	Rt	741	874	ND	1500	2316	533	ND
EGB-04-S50_II_42	EGU1	Rt	1298	840	ND	2238	1029	415	6
EGB-04-S50_III_01_1	EGU1	Rt	210	388	ND	1783	1701	756	ND
EGB-04-S50_III_01_2	EGU1	Rt	169	369	ND	1493	1451	435	ND
EGB-04-S50_III_01_3	EGU1	Rt	162	367	ND	1487	1347	506	ND
EGB-04-S50_III_02_1	EGU1	Rt	122	393	ND	1202	2093	345	8
EGB-04-S50_III_03_1	EGU1	Rt	53	763	ND	1548	1285	513	8
EGB-04-S50_III_04_1	EGU1	Rt	938	128	ND	2314	960	837	ND
EGB-04-S50_III_05_1	EGU1	Rt	499	164	ND	1297	1560	425	2
EGB-04-S50_III_06_1	EGU1	Rt	272	755	ND	1278	1846	565	ND
EGB-04-S50_III_06_2	EGU1	Rt	236	766	ND	1631	1839	577	ND
EGB-04-S50_III_06_3	EGU1	Rt	219	692	ND	1589	1837	566	ND
EGB-04-S50_III_07_1	EGU1	Rt	2112	374	ND	2463	1148	379	21
EGB-04-S50_III_07_2	EGU1	Rt	1516	398	ND	2440	1175	404	ND
EGB-04-S50_III_07_3	EGU1	Rt	1285	366	ND	2405	1132	399	ND
EGB-04-S50_III_08_1	EGU1	Rt	436	625	ND	1464	1733	500	20
EGB-04-S50_III_09_1	EGU1	Rt	1896	723	ND	986	1457	417	13
EGB-04-S50_III_10_1	EGU1	Rt	92	582	ND	1172	1661	447	ND
EGB-04-S50_III_11	EGU1	Rt	232	586	ND	1876	1800	599	5
EGB-04-S50_III_12	EGU1	Rt	951	1264	ND	1820	1421	655	ND
EGB-04-S50_III_13	EGU1	Rt	248	464	ND	889	1437	403	ND
EGB-04-S50_III_14	EGU1	Rt	279	645	ND	1515	1502	376	39
EGB-04-S50_III_15	EGU1	Rt	1778	75	ND	3416	928	854	ND
EGB-04-S50_III_16	EGU1	Rt	2431	455	ND	1410	1642	488	ND
EGB-04-S50_III_17	EGU1	Rt	5501	267	ND	4692	867	739	ND
EGB-04-S50_III_18	EGU1	Rt	68	688	ND	1825	1521	468	31
EGB-04-S50_III_19	EGU1	Rt	3256	358	ND	3107	1003	800	16
EGB-04-S50_III_20	EGU1	Rt	63	726	ND	572	2085	432	ND
EGB-04-S50_III_21	EGU1	Rt	74	512	ND	1429	2052	396	29
EGB-04-S50_III_22	EGU1	Rt	233	569	ND	1407	1396	625	ND
EGB-04-S50_III_23	EGU1	Rt	466	608	ND	681	1118	1324	8
EGB-04-S50_III_24	EGU1	Rt	341	382	ND	1679	1703	478	4
EGB-04-S50_III_25	EGU1	Rt	844	203	ND	1953	859	801	ND
EGB-04-S50_III_26	EGU1	Rt	2516	131	ND	4773	980	999	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S50_III_27	EGU1	Rt	730	665	ND	696	2405	393	ND
EGB-04-S50_III_28	EGU1	Rt	3551	402	ND	2232	864	609	ND
EGB-04-S50_III_30	EGU1	Rt	1608	692	ND	2052	1754	389	15
EGB-04-S50_III_31	EGU1	Rt	3246	157	ND	3908	1471	660	17
EGB-04-S51_II_02_1	EMU	ms	138	859	1088	2367	1073	64	21
EGB-04-S51_II_02_2	EMU	ms	184	754	1267	2644	994	52	17
EGB-04-S51_II_02_3	EMU	ms	199	789	1496	2467	1051	70	ND
EGB-04-S51_II_03_1	EMU	Rt	256	179	769	4521	861	67	ND
EGB-04-S51_II_03_2	EMU	Rt	272	184	781	4237	899	58	ND
EGB-04-S51_II_03_3	EMU	Rt	187	172	681	4186	829	70	ND
EGB-04-S51_II_06_1	EMU	ms	1632	537	231	2308	1267	66	1
EGB-04-S51_II_07_1	EMU	Rt	122	975	196	2851	999	52	37
EGB-04-S51_II_07_2	EMU	Rt	143	975	159	2834	1009	67	41
EGB-04-S51_II_07_3	EMU	Rt	111	968	158	2585	982	80	26
EGB-04-S51_II_09_1	EMU	Rt	47	468	185	1651	1578	55	116
EGB-04-S51_II_10_1	EMU	Rt	499	109	676	4073	1075	67	ND
EGB-04-S51_II_10_2	EMU	Rt	436	105	721	3859	1078	58	ND
EGB-04-S51_II_10_3	EMU	Rt	381	126	682	3949	1073	81	21
EGB-04-S51_II_11_1	EMU	Rt	1496	242	102	2839	636	58	ND
EGB-04-S51_II_11_2	EMU	Rt	1832	218	111	3168	686	38	ND
EGB-04-S51_II_11_3	EMU	Rt	1791	207	83	2867	665	88	15
EGB-04-S51_II_12_1	EMU	Rt	67	398	76	3208	1619	39	ND
EGB-04-S51_II_14	EMU	Rt	49	246	369	2931	1637	60	ND
EGB-04-S51_II_18	EMU	Rt	26	344	677	1914	2036	77	4
EGB-04-S51_II_20	EMU	Rt	71	364	1386	2051	1757	46	16
EGB-04-S51_II_21	EMU	Rt	53	490	66	1995	1718	57	ND
EGB-04-S51_II_22	EMU	ms	1830	209	516	4634	523	69	12
EGB-04-S51_II_26	EMU	Rt	26	445	164	2024	1545	46	10
EGB-04-S51_II_27	EMU	ms	1729	342	189	2195	1134	43	ND
EGB-04-S51_II_28	EMU	Rt	82	315	195	3095	1467	71	ND
EGB-04-S51_II_29	EMU	Rt	76	456	1582	2121	1797	45	38
EGB-04-S51_II_31	EMU	Rt	35	348	186	1785	1594	62	1
EGB-04-S51_II_32	EMU	Rt	188	529	379	2772	1319	25	ND
EGB-04-S51_II_33	EMU	Rt	61	370	224	2903	1309	56	8
EGB-04-S51_II_34	EMU	Rt	1844	432	334	2847	834	84	ND
EGB-04-S51_II_35	EMU	Rt	235	179	1626	5501	851	79	ND
EGB-04-S51_II_37	EMU	Rt	1238	234	254	3823	793	84	ND
EGB-04-S51_II_38	EMU	Rt	49	655	35	2476	1627	66	11
EGB-04-S51_II_39	EMU	Rt	1763	402	597	2903	886	40	5
EGB-04-S51_II_40	EMU	Rt	49	315	99	1730	1498	73	ND
EGB-04-S53_II_01_1	EMU	Rt	1507	529	ND	1972	744	32	ND
EGB-04-S53_II_02_1	EMU	Rt	1251	1537	ND	1574	2822	45	ND
EGB-04-S53_II_04_1	EMU	Ant	724	283	ND	707	368	30	479
EGB-04-S53_II_04_2	EMU	Ant	361	124	ND	921	108	202	3742
EGB-04-S53_II_04_3	EMU	Ant	691	268	ND	1014	494	23	1650
EGB-04-S53_II_05_1	EMU	Brk	1099	168	ND	2725	262	ND	1036
EGB-04-S53_II_05_2	EMU	Brk	748	88	ND	4503	66	84	594
EGB-04-S53_II_05_3	EMU	Brk	775	121	ND	3974	122	270	907
EGB-04-S53_II_10_1	EMU	Rt	1702	948	ND	2417	703	56	9

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S53_II_10_2	EMU	Rt	1968	898	ND	2564	773	47	17
EGB-04-S53_II_10_3	EMU	Rt	2068	893	ND	2579	762	80	0
EGB-04-S53_II_11_1	EMU	Rt	1943	457	ND	2679	593	58	3
EGB-04-S53_II_11_2	EMU	Rt	1940	421	ND	2874	624	47	8
EGB-04-S53_II_11_3	EMU	Rt	2121	423	ND	3086	602	15	ND
EGB-04-S53_II_12_1	EMU	Rt	360	190	ND	2811	691	30	ND
EGB-04-S53_II_12_2	EMU	Rt	680	291	ND	4248	619	71	ND
EGB-04-S53_II_14_1	EMU	ms	1915	224	ND	2577	989	32	10
EGB-04-S53_II_17	EMU	Rt	1621	542	ND	1178	2039	30	ND
EGB-04-S53_II_20	EMU	Rt	523	116	ND	1058	3088	168	67
EGB-04-S53_II_22_1	EMU	ms	1207	291	ND	766	2752	181	66
EGB-04-S53_II_22_2	EMU	ms	1483	206	ND	853	2928	284	25
EGB-04-S53_II_22_3	EMU	ms	1025	468	ND	796	2493	97	65
EGB-04-S53_II_23	EMU	ms	2739	29	52	3723	1018	21	26
EGB-04-S53_II_24	EMU	Rt	1715	372	118	2374	1167	88	ND
EGB-04-S53_II_28	EMU	Rt	919	842	12	3593	1326	38	ND
EGB-04-S53_II_31	EMU	Rt	1160	496	624	1430	939	81	78
EGB-04-S53_II_34	EMU	Rt	1467	476	65	1822	691	41	ND
EGB-04-S53_II_35	EMU	Rt	1841	493	89	2512	842	47	17
EGB-04-S53_II_36	EMU	ms	1147	512	65	1616	680	68	ND
EGB-04-S53_II_37	EMU	Rt	1347	892	83	1325	790	70	73
EGB-04-S53_II_38	EMU	Ant	1483	6	11	622	21	ND	187
EGB-04-S53_II_40	EMU	Rt	1641	613	407	2404	994	32	15
EGB-04-S53_II_42_1	EMU	Ant	792	110	16	285	20	ND	129
EGB-04-S53_II_42_2	EMU	Rt	1792	580	80	2189	912	72	ND
EGB-04-S53_II_42_3	EMU	Rt	1801	554	109	2258	952	65	ND
EGB-04-S53_II_43_1	EMU	Rt	2532	224	91	5844	1500	68	ND
EGB-04-S53_II_43_2	EMU	Rt	1807	131	16	3783	1154	62	ND
EGB-04-S53_II_43_3	EMU	Rt	1699	209	22	3432	1097	56	ND
EGB-04-S53_II_51	EMU	Rt	1538	568	132	2002	1044	53	18
EGB-04-S53_II_53	EMU	Rt	635	349	36	943	1871	56	ND
EGB-04-S55_II_03_1	MU	Ant	835	1822	284	4290	1763	104	ND
EGB-04-S55_II_03_2	MU	Rt	1125	1235	164	2278	1217	141	ND
EGB-04-S55_II_03_3	MU	Rt	1011	2121	264	3225	1553	128	ND
EGB-04-S55_II_04_1	MU	Rt	1879	473	96	2622	932	48	7
EGB-04-S55_II_05_1	MU	Rt	2848	545	176	1542	3463	113	ND
EGB-04-S55_II_05_2	MU	Rt	1453	393	165	1108	2028	73	95
EGB-04-S55_II_05_3	MU	Rt	3230	413	210	2469	3815	103	ND
EGB-04-S55_II_06_1	MU	Rt	735	1526	36	2909	1164	41	50
EGB-04-S55_II_06_2	MU	Rt	677	1570	ND	3037	1154	ND	14
EGB-04-S55_II_06_3	MU	Rt	689	1205	ND	3177	1188	29	ND
EGB-04-S55_II_07_1	MU	Rt	1509	1414	29	798	2344	21	ND
EGB-04-S55_II_07_2	MU	Rt	1444	1473	36	907	2362	23	ND
EGB-04-S55_II_07_3	MU	Rt	1472	1391	13	1079	2568	65	2
EGB-04-S55_II_08_1	MU	Rt	2395	371	92	2538	556	44	ND
EGB-04-S55_II_08_2	MU	Rt	2763	330	126	3013	755	32	ND
EGB-04-S55_II_08_3	MU	Rt	4085	875	173	4267	874	53	ND
EGB-04-S55_II_1	MU	Rt	1959	192	585	3395	779	41	21
EGB-04-S55_II_10_1	MU	Rt	1184	1103	19	3903	1050	53	16

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S55_II_10_2	MU	Rt	1121	1360	1	3992	1092	44	ND
EGB-04-S55_II_10_3	MU	Rt	768	1505	20	3540	778	12	26
EGB-04-S55_II_11_1	MU	Rt	2110	441	157	2597	1084	15	61
EGB-04-S55_II_11_2	MU	Rt	2503	465	134	2641	1141	73	ND
EGB-04-S55_II_11_3	MU	Rt	1697	493	155	2379	1000	47	ND
EGB-04-S55_II_12_1	MU	Rt	1536	423	139	2075	1455	156	45
EGB-04-S55_II_12_2	MU	Rt	1673	408	145	2088	1185	77	ND
EGB-04-S55_II_13_1	MU	Ant	1190	67	ND	1452	162	23	915
EGB-04-S55_II_13_2	MU	Ant	1306	57	ND	1415	123	ND	475
EGB-04-S55_II_13_3	MU	Ant	2503	329	160	2543	1033	38	26
EGB-04-S55_II_14	MU	Rt	1715	333	97	1625	769	107	ND
EGB-04-S55_II_15	MU	Ant	1811	286	91	2791	418	35	6
EGB-04-S55_II_16	MU	Ant	1845	372	56	2393	913	50	8
EGB-04-S55_II_17	MU	Rt	1893	409	236	1806	1030	50	ND
EGB-04-S55_II_18	MU	Rt	1864	463	334	2808	775	47	30
EGB-04-S55_II_19	MU	Rt	1020	408	312	928	2250	78	725
EGB-04-S55_II_2	MU	Ant	389	43	17	1168	103	ND	271
EGB-04-S55_II_20	MU	Ant	2043	429	322	2969	477	62	ND
EGB-04-S55_II_21	MU	Ant	947	37	9	1773	141	18	100
EGB-04-S55_II_22	MU	Rt	1463	6	22	663	351	135	2340
EGB-04-S55_II_24	MU	Rt	720	59	74	3569	1566	53	ND
EGB-04-S55_II_25	MU	Rt	1335	304	73	2252	565	24	8
EGB-04-S55_II_27	MU	Ant	1740	205	528	2868	1065	33	18
EGB-04-S55_II_28	MU	Ant	1788	318	142	2521	885	84	ND
EGB-04-S55_II_29	MU	Ant	589	1064	3	675	99	9	48
EGB-04-S55_II_30_1	MU	Ant	498	53	25	3710	109	12	603
EGB-04-S55_II_30_2	MU	Rt	2991	150	45	2644	1433	35	14
EGB-04-S55_II_33	MU	Rt	2059	483	142	2472	882	59	ND
EGB-04-S55_II_9	MU	Ant	1176	23	40	2279	131	9	3720
EGB-04-S56_II_10_1	EMU	Rt	1510	1158	206	2243	689	53	6
EGB-04-S56_II_10_2	EMU	Rt	1516	1170	169	1905	648	41	ND
EGB-04-S56_II_10_3	EMU	Rt	2140	1041	143	2186	716	62	23
EGB-04-S56_II_27_1	EMU	Rt	1553	1082	240	1841	627	18	ND
EGB-04-S56_II_27_2	EMU	Rt	742	1741	229	1917	672	349	ND
EGB-04-S56_II_27_3	EMU	Rt	1376	998	228	2131	394	32	103
EGB-04-S56_II_29_1	EMU	Ant	664	111	7	214	129	16	85
EGB-04-S56_II_33_1	EMU	Rt	1696	492	194	2751	671	39	3
EGB-04-S56_II_35_1	EMU	Ant	493	187	10	183	103	41	46
EGB-04-S56_II_35_2	EMU	Ant	733	3	9	310	63	3	63
EGB-04-S56_II_35_3	EMU	Ant	612	23	1	696	103	9	105
EGB-04-S56_II_38_1	EMU	Ant	960	100	ND	229	104	71	ND
EGB-04-S56_II_38_2	EMU	Ant	1402	976	ND	726	309	ND	305
EGB-04-S56_II_38_3	EMU	Ant	947	101	ND	204	98	135	1552
EGB-04-S56_II_41_1	EMU	Ant	1299	105	69	4188	404	73	1191
EGB-04-S56_II_41_2	EMU	Ant	1734	51	33	491	226	41	711
EGB-04-S56_II_41_3	EMU	Ant	1395	41	23	1216	139	27	1653
EGB-04-S56_II_42_1	EMU	Rt	3766	559	205	2507	999	1009	3
EGB-04-S56_II_42_2	EMU	Rt	4139	581	203	2864	1049	1022	6
EGB-04-S56_II_42_3	EMU	Rt	3990	548	187	2780	1041	1013	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S56_II_43_1	EMU	Rt	1989	515	161	3391	513	68	226
EGB-04-S56_II_43_2	EMU	Rt	1933	229	147	3069	432	60	ND
EGB-04-S56_II_43_3	EMU	Rt	1618	1070	207	2335	364	36	25
EGB-04-S56_II_50_1	EMU	Rt	4006	402	118	3197	500	389	111
EGB-04-S56_II_50_2	EMU	Rt	1765	556	123	2449	391	42	1
EGB-04-S56_II_50_3	EMU	Rt	2305	325	108	3040	438	99	3143
EGB-04-S56_II_53	EMU	Ant	831	ND	ND	582	14	567	133
EGB-04-S56_II_57	EMU	Rt	4924	545	414	5151	926	94	41
EGB-04-S56_II_61	EMU	Ant	1505	68	ND	201	81	108	136
EGB-04-S56_II_63	EMU	Ant	466	23	10	208	105	36	5
EGB-04-S56_II_68	EMU	Rt	1432	937	217	2272	803	45	ND
EGB-04-S57_II_01_1	GU	Rt	2355	586	80	2741	933	103	ND
EGB-04-S57_II_01_2	GU	Rt	1773	472	99	2752	885	64	ND
EGB-04-S57_II_01_3	GU	Rt	1967	538	98	2672	1120	86	ND
EGB-04-S57_II_02_1	GU	Rt	1827	924	96	2194	1214	73	95
EGB-04-S57_II_02_2	GU	Rt	1773	853	178	2326	1221	44	ND
EGB-04-S57_II_02_3	GU	Rt	1711	840	126	2050	1245	58	0
EGB-04-S57_II_03_1	GU	Rt	1950	446	99	2774	722	79	1
EGB-04-S57_II_04_1	GU	Rt	1854	746	73	2528	1150	104	21
EGB-04-S57_II_04_2	GU	Rt	1610	582	118	2522	1207	47	ND
EGB-04-S57_II_04_3	GU	Rt	2001	755	114	2445	1430	90	ND
EGB-04-S57_II_07_1	GU	Rt	2490	788	76	2577	812	89	ND
EGB-04-S57_II_07_2	GU	Rt	1922	786	95	2274	825	64	ND
EGB-04-S57_II_07_3	GU	Rt	2126	796	58	2304	809	78	ND
EGB-04-S57_II_08_1	GU	ms	2050	410	129	18578	721	137	ND
EGB-04-S57_II_08_2	GU	ms	1903	357	95	2688	808	76	13
EGB-04-S57_II_08_3	GU	ms	2452	415	115	2771	840	110	ND
EGB-04-S57_II_11	GU	Rt	1650	634	80	2495	1000	47	13
EGB-04-S57_II_13_1	GU	Rt	2513	682	95	2869	1178	88	ND
EGB-04-S57_II_13_2	GU	Rt	2349	595	67	3018	1184	127	ND
EGB-04-S57_II_13_3	GU	Rt	1855	658	106	2708	1125	109	ND
EGB-04-S57_II_15_1	GU	Rt	2099	353	102	2738	876	106	27
EGB-04-S57_II_15_2	GU	Rt	2138	370	59	2796	832	89	ND
EGB-04-S57_II_15_3	GU	Rt	2032	356	30	3410	897	107	ND
EGB-04-S57_II_16_1	GU	Rt	1900	616	130	2547	1354	82	ND
EGB-04-S57_II_17_1	GU	Rt	1827	438	153	2687	1066	55	ND
EGB-04-S57_II_18_1	GU	Rt	2695	360	174	3424	744	106	ND
EGB-04-S57_II_19	GU	Rt	3027	378	55	3130	1300	120	ND
EGB-04-S57_II_22	GU	Rt	2066	427	118	2588	1273	79	ND
EGB-04-S57_II_23	GU	Rt	1931	808	116	2284	1448	84	ND
EGB-04-S57_II_24	GU	Rt	3001	467	80	3136	1362	135	ND
EGB-04-S57_II_25	GU	Rt	1438	385	136	2539	1454	97	ND
EGB-04-S57_II_26	GU	Rt	1859	402	121	2613	723	124	ND
EGB-04-S57_II_27	GU	Rt	1504	569	197	2574	909	61	ND
EGB-04-S57_II_28	GU	Rt	1838	510	98	2235	1269	73	ND
EGB-04-S57_II_29	GU	Rt	1745	497	100	2571	950	82	ND
EGB-04-S57_II_30	GU	Rt	1991	453	77	2749	1009	96	ND
EGB-04-S57_II_32	GU	Rt	1801	430	122	2290	1059	90	ND
EGB-04-S57_II_33	GU	Ant	1387	72	925	1536	75	503	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S57_II_35	GU	Rt	1770	438	86	2648	1035	64	ND
EGB-04-S57_II_36	GU	Rt	1723	457	63	2787	752	90	ND
EGB-04-S57_II_37	GU	ms	2062	381	83	2860	1442	130	16
EGB-04-S57_II_40	GU	ms	1999	300	143	2815	1296	75	ND
EGB-04-S57_II_41	GU	Rt	2056	583	102	2657	860	96	ND
EGB-04-S57_II_43	GU	Rt	1706	610	96	2357	1092	55	43
EGB-04-S57_II_44	GU	Rt	1701	627	106	2152	1414	35	ND
EGB-04-S61_II_06_1	PU	Ant	1295	32	1	1080	23	153	ND
EGB-04-S61_II_06_2	PU	Ant	739	ND	22	2684	11	124	ND
EGB-04-S61_II_08_1	PU	Rt	2679	356	110	1787	937	267	6
EGB-04-S61_II_08_2	PU	Rt	2294	355	112	1635	836	243	ND
EGB-04-S61_II_08_3	PU	Rt	2366	320	118	1601	862	247	ND
EGB-04-S61_II_09_1	PU	Ant	210	15	10	4445	68	ND	79
EGB-04-S61_II_09_2	PU	Ant	406	9	19	4250	127	9	10
EGB-04-S61_II_09_3	PU	Ant	466	3	1	4229	64	ND	49
EGB-04-S61_II_11_1	PU	Rt	1975	648	133	1812	1873	127	7
EGB-04-S61_II_11_2	PU	Rt	1601	541	130	1845	1775	48	4
EGB-04-S61_II_11_3	PU	Rt	1570	599	153	1723	1806	69	ND
EGB-04-S61_II_12_1	PU	Rt	1779	5472	2879	547	5252	99	ND
EGB-04-S61_II_12_2	PU	Rt	436	4598	2707	418	4876	30	190
EGB-04-S61_II_12_3	PU	Rt	636	3886	1404	445	3758	36	4
EGB-04-S61_II_13_1	PU	Rt	2815	832	90	1694	2097	93	35
EGB-04-S61_II_13_2	PU	Rt	1863	433	70	1775	2062	69	ND
EGB-04-S61_II_13_3	PU	Rt	1726	474	90	1658	1784	108	5
EGB-04-S61_II_14_1	PU	Rt	1852	605	736	2532	1019	72	4
EGB-04-S61_II_19_1	PU	Rt	1149	433	55	2459	1081	ND	66
EGB-04-S61_II_19_2	PU	Rt	1155	427	46	2663	1294	ND	15
EGB-04-S61_II_19_3	PU	Rt	2040	526	31	2620	1340	ND	434
EGB-04-S61_II_29_1	PU	Ant	607	1641	55	612	625	3	27
EGB-04-S61_II_29_2	PU	Ant	1646	2642	ND	109	174	195	480
EGB-04-S62_II_M_09_1	MU	Rt	2168	2564	9940	2781	3930	115	ND
EGB-04-S62_II_M_09_2	MU	Rt	7707	2362	3465	3383	612	12	2
EGB-04-S62_II_M_09_3	MU	Rt	1683	2092	19456	15158	1527	369	ND
EGB-04-S62_II_M_09_4	MU	Rt	1641	3233	19219	12981	2046	306	ND
EGB-04-S62_II_M_12_1	MU	Ant	1718	319	92	3360	1002	40	22
EGB-04-S62_II_M_13_1	MU	Rt	4274	853	12524	11038	2474	204	ND
EGB-04-S62_II_M_13_2	MU	Rt	4187	1274	14021	13681	1868	234	ND
EGB-04-S62_II_M_13_3	MU	Rt	3913	3000	14493	14147	1746	234	ND
EGB-04-S62_II_M_13_4	MU	Rt	2366	4707	21031	9903	2136	244	ND
EGB-04-S62_II_M_13_5	MU	Rt	1674	3365	14099	9849	1614	172	ND
EGB-04-S62_II_M_17_1	MU	Rt	649	1425	8326	3069	1628	38	2
EGB-04-S62_II_M_17_2	MU	Rt	784	1564	13075	9833	2745	150	ND
EGB-04-S62_II_M_17_3	MU	Rt	972	1346	13233	8444	3701	170	ND
EGB-04-S62_II_M_17_4	MU	Rt	981	1371	13706	8965	3881	196	ND
EGB-04-S62_II_M_17_5	MU	Rt	571	1333	11106	2055	4787	100	ND
EGB-04-S62_II_M_27_1	MU	Rt	1369	81	17723	17179	2038	283	ND
EGB-04-S62_II_M_27_2	MU	Rt	450	14	13784	12048	472	144	ND
EGB-04-S62_II_M_33_1	MU	Rt	605	1417	8651	3526	1936	61	ND
EGB-04-S62_II_M_33_2	MU	Rt	1297	727	12839	13836	852	207	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S62_II_M_34_1	MU	Rt	2717	7549	15281	5192	4248	200	ND
EGB-04-S62_II_M_34_2	MU	Rt	1824	265	9162	3414	2160	50	ND
EGB-04-S62_II_NM_06_1	MU	Rt	672	96	149	1645	1256	212	ND
EGB-04-S62_II_NM_25_1	MU	Ant	1366	ND	34	259	48	41	4
EGB-04-S62_II_NM_25_2	MU	Ant	1599	11	50	211	100	15	ND
EGB-04-S62_II_NM_25_3	MU	Ant	930	ND	14	428	6	12	ND
EGB-04-S62_II_NM_31_1	MU	Rt	2208	645	188	1522	2234	1204	10
EGB-04-S62_II_NM_31_2	MU	Rt	2347	642	230	1346	2249	1098	ND
EGB-04-S62_II_NM_31_3	MU	Rt	2677	644	238	1527	2251	1190	ND
EGB-04-S62_II_NM_35_1	MU	Ant	1074	3	16	466	47	67	461
EGB-04-S62_II_NM_35_2	MU	Ant	1045	11	9	356	ND	41	659
EGB-04-S62_II_NM_35_3	MU	Ant	1214	6	72	1989	31	223	ND
EGB-04-S62_II_NM_35_4	MU	Ant	1556	9	50	1113	43	188	ND
EGB-04-S62_II_NM_35_5	MU	Ant	1249	ND	53	1186	ND	102	ND
EGB-04-S63_II_02_1	GPU	Ant	952	209	17	1321	587	35	646
EGB-04-S63_II_02_2	GPU	Ant	675	73	32	422	92	21	57
EGB-04-S63_II_02_3	GPU	Ant	821	116	17	980	518	41	289
EGB-04-S63_II_07_1	GPU	Rt	1792	736	120	1426	1659	164	ND
EGB-04-S63_II_07_2	GPU	Rt	1801	725	122	1425	1665	169	ND
EGB-04-S63_II_07_3	GPU	Rt	1748	767	142	2292	1659	192	ND
EGB-04-S63_II_09_1	GPU	Rt	3929	441	199	3068	953	208	1
EGB-04-S63_II_09_2	GPU	Rt	3214	468	273	3094	914	343	5
EGB-04-S63_II_09_3	GPU	Rt	3159	503	289	3060	902	360	17
EGB-04-S63_II_10_1	GPU	Rt	2282	753	114	1632	1129	150	69
EGB-04-S63_II_10_2	GPU	Rt	1930	697	126	1702	1089	125	29
EGB-04-S63_II_10_3	GPU	Rt	1801	716	136	1673	1104	99	13
EGB-04-S63_II_11_1	GPU	Ant	1741	495	126	1376	1576	1022	ND
EGB-04-S63_II_11_2	GPU	Ant	1547	512	143	1304	1663	1059	ND
EGB-04-S63_II_11_3	GPU	Ant	1355	512	163	1276	1607	1050	ND
EGB-04-S63_II_12_1	GPU	Ant	635	140	1470	794	349	105	ND
EGB-04-S63_II_12_2	GPU	Ant	1226	137	1331	755	371	132	13
EGB-04-S63_II_12_3	GPU	Ant	358	149	688	594	305	26	ND
EGB-04-S63_II_13_1	GPU	Rt	1808	935	155	1086	1502	163	ND
EGB-04-S63_II_14_1	GPU	Ant	891	ND	7	215	ND	18	77
EGB-04-S63_II_14_2	GPU	Ant	1246	ND	ND	454	19	35	2
EGB-04-S63_II_17	GPU	Ant	2023	3	7	1202	ND	509	75
EGB-04-S63_II_18_1	GPU	Rt	1748	576	319	2018	1426	107	ND
EGB-04-S63_II_19_1	GPU	Rt	1497	414	1113	2208	1266	9	30
EGB-04-S63_II_19_2	GPU	Rt	1525	443	1148	2183	1152	38	6
EGB-04-S63_II_19_3	GPU	Rt	1795	378	958	2335	1142	50	9
EGB-04-S63_II_22	GPU	Rt	3024	705	126	2564	1117	329	ND
EGB-04-S63_II_23	GPU	Rt	1838	5285	346	417	2856	84	ND
EGB-04-S63_II_24	GPU	Ant	1373	ND	9	417	ND	35	ND
EGB-04-S63_II_25	GPU	Rt	1574	590	97	2200	994	30	ND
EGB-04-S63_II_26_1	GPU	Ant	1996	879	26230	1701	2378	376	65
EGB-04-S63_II_26_2	GPU	Ant	3259	1665	21346	3220	2481	421	3
EGB-04-S63_II_26_3	GPU	Ant	959	1669	7974	1213	2457	203	17
EGB-04-S63_II_27_1	GPU	Ant	2289	107	32	1462	8	26	2875
EGB-04-S63_II_27_2	GPU	Ant	4251	487	79	3563	1428	627	58

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-04-S63_II_28	GPU	Rt	1632	543	150	1440	1198	140	ND
EGB-04-S63_II_29	GPU	Rt	2182	795	96	1651	2416	162	4
EGB-04-S63_II_30	GPU	ms	1585	482	105	2978	834	53	ND
EGB-04-S63_II_34	GPU	Rt	1838	859	246	2305	1319	145	ND
EGB-04-S63_II_35	GPU	Rt	811	216	9	2227	1213	1008	ND
EGB-04-S63_II_36	GPU	Ant	405	55	ND	915	181	23	164
EGB-04-S63_II_39	GPU	Rt	1816	625	148	976	1854	130	ND
EGB-04-S63_II_41	GPU	Rt	2350	484	90	2257	999	59	2
EGB-04-S63_II_42	GPU	Rt	804	70	95	1623	542	64	30
EGB-04-S63_II_6	GPU	ms	1309	20	29	460	44	26	67
EGB-05-S49_I Ib_01_1	EGU1	Rt	131	921	9	1235	1328	513	ND
EGB-05-S49_I Ib_01_2	EGU1	Rt	152	950	4	1416	1597	515	ND
EGB-05-S49_I Ib_01_3	EGU1	Rt	154	966	23	1133	1616	497	ND
EGB-05-S49_I Ib_03_1	EGU1	Rt	527	645	94	1658	1577	556	ND
EGB-05-S49_I Ib_04_1	EGU1	Rt	6206	348	467	4471	1102	783	ND
EGB-05-S49_I Ib_04_2	EGU1	Rt	5861	328	490	4336	1073	792	ND
EGB-05-S49_I Ib_04_3	EGU1	Rt	6679	345	467	4685	1156	515	ND
EGB-05-S49_I Ib_05_1	EGU1	Rt	997	259	97	2855	804	720	ND
EGB-05-S49_I Ib_06_1	EGU1	Rt	849	232	58	3628	917	635	ND
EGB-05-S49_I Ib_06_2	EGU1	Rt	930	291	15	4017	974	701	ND
EGB-05-S49_I Ib_06_3	EGU1	Rt	1041	278	82	3733	933	760	ND
EGB-05-S49_I Ib_07_1	EGU1	Rt	145	557	31	965	1883	768	ND
EGB-05-S49_I Ib_07_2	EGU1	Rt	114	569	66	1050	1874	706	ND
EGB-05-S49_I Ib_07_3	EGU1	Rt	136	571	66	1065	1920	468	ND
EGB-05-S49_I Ib_08_1	EGU1	Rt	274	533	53	1006	1204	437	ND
EGB-05-S49_I Ib_10_1	EGU1	ms	1470	309	144	1642	2246	527	ND
EGB-05-S49_I Ib_10_2	EGU1	ms	1311	246	144	1653	2188	769	ND
EGB-05-S49_I Ib_10_3	EGU1	ms	1424	264	128	1693	2198	535	ND
EGB-05-S49_I Ib_11_1	EGU1	Rt	872	44	35	3653	784	494	ND
EGB-05-S49_I Ib_12_1	EGU1	ms	6571	359	227	4404	779	813	ND
EGB-05-S49_I Ib_13	EGU1	Rt	1697	322	278	2927	1338	691	ND
EGB-05-S49_I Ib_14	EGU1	Rt	1949	41	13	3843	1474	817	ND
EGB-05-S49_I Ib_15	EGU1	Rt	112	638	54	1899	1722	389	ND
EGB-05-S49_I Ib_16	EGU1	Rt	2229	211	50	4779	655	825	ND
EGB-05-S49_I Ib_17	EGU1	Rt	902	256	35	2146	665	851	ND
EGB-05-S49_I Ib_18	EGU1	Rt	1748	420	141	1755	1973	726	ND
EGB-05-S49_I Ib_19	EGU1	Rt	1171	485	115	1370	1585	685	ND
EGB-05-S49_I Ib_2	EGU1	Rt	999	75	35	3723	1778	837	ND
EGB-05-S49_I Ib_21	EGU1	Rt	918	145	121	1758	1642	696	ND
EGB-05-S49_I Ib_22	EGU1	Rt	1118	229	65	3840	559	851	ND
EGB-05-S49_I Ib_23	EGU1	Rt	69	681	77	1820	1036	640	ND
EGB-05-S49_I Ib_24	EGU1	Rt	1570	432	158	1917	1068	798	ND
EGB-05-S49_I Ib_25	EGU1	ms	192	536	42	1627	1729	638	ND
EGB-05-S49_I Ib_26	EGU1	Rt	545	225	106	2391	1141	634	ND
EGB-05-S49_I Ib_28	EGU1	Rt	185	699	113	1798	2054	431	ND
EGB-05-S49_I Ib_29	EGU1	Rt	3160	346	352	3623	850	691	ND
EGB-05-S49_I Ib_30	EGU1	Rt	1108	247	53	3683	451	1782	ND
EGB-05-S49_I Ib_32	EGU1	Rt	1218	417	168	2182	1073	670	ND
EGB-05-S49_I Ib_33	EGU1	Rt	1203	57	83	5049	535	837	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S49_I Ib_9	EGU1	Rt	1113	1010	103	1792	1466	160	ND
EGB-05-S50_I Ib_01_1	MU	ms	1825	453	74	2282	1057	54	ND
EGB-05-S50_I Ib_01_2	MU	ms	1724	424	87	2177	1103	69	ND
EGB-05-S50_I Ib_01_3	MU	ms	2066	438	58	2416	1106	78	ND
EGB-05-S50_I Ib_02_1	MU	Rt	9643	196	186	6503	3404	168	ND
EGB-05-S50_I Ib_02_2	MU	Rt	5887	169	175	5201	2917	166	ND
EGB-05-S50_I Ib_02_3	MU	Rt	5706	116	201	5007	2907	155	ND
EGB-05-S50_I Ib_03_1	MU	Ant	466	23	ND	837	136	15	ND
EGB-05-S50_I Ib_03_2	MU	Ant	535	32	ND	1936	167	6	366
EGB-05-S50_I Ib_03_3	MU	Ant	1135	79	3	1748	128	ND	989
EGB-05-S50_I Ib_04_1	MU	Rt	1862	497	109	2544	1303	78	ND
EGB-05-S50_I Ib_04_2	MU	Rt	2298	473	65	2708	1402	75	ND
EGB-05-S50_I Ib_04_3	MU	Rt	1879	450	79	2431	1434	60	ND
EGB-05-S50_I Ib_05_1	MU	Rt	2017	313	82	2145	1298	75	ND
EGB-05-S50_I Ib_05_2	MU	Rt	1797	209	61	2030	1313	63	ND
EGB-05-S50_I Ib_05_3	MU	Rt	1899	258	70	2432	1344	78	ND
EGB-05-S50_I Ib_06_1	MU	Rt	864	218	96	3540	1124	165	ND
EGB-05-S50_I Ib_06_2	MU	Rt	340	244	51	2078	782	104	ND
EGB-05-S50_I Ib_06_3	MU	Rt	485	161	102	2202	778	113	ND
EGB-05-S50_I Ib_07_1	MU	ms	1638	204	84	2823	797	77	ND
EGB-05-S50_I Ib_07_2	MU	ms	1548	252	80	3137	1120	116	ND
EGB-05-S50_I Ib_07_3	MU	ms	1087	172	106	3168	992	51	ND
EGB-05-S50_I Ib_08_1	MU	Rt	1813	357	70	2683	907	54	ND
EGB-05-S50_I Ib_08_2	MU	Rt	2066	373	70	2706	1202	66	ND
EGB-05-S50_I Ib_08_3	MU	Rt	2486	500	51	2946	1154	51	ND
EGB-05-S50_I Ib_09_1	MU	ms	1641	535	551	2760	680	48	ND
EGB-05-S50_I Ib_09_2	MU	ms	1595	512	297	2897	725	66	ND
EGB-05-S50_I Ib_09_3	MU	ms	1295	473	1427	2661	755	81	ND
EGB-05-S50_I Ib_10_1	MU	Rt	1978	313	70	2848	685	75	ND
EGB-05-S50_I Ib_10_2	MU	Rt	1840	328	98	2605	732	45	ND
EGB-05-S50_I Ib_10_3	MU	Rt	2344	300	76	3087	695	48	ND
EGB-05-S50_I Ib_11	MU	Rt	2525	272	76	2218	1427	86	ND
EGB-05-S50_I Ib_12	MU	Rt	1753	302	82	2314	1043	76	ND
EGB-05-S50_I Ib_13	MU	Rt	1529	450	44	3233	629	81	ND
EGB-05-S50_I Ib_14	MU	Rt	1084	169	80	2469	656	98	ND
EGB-05-S50_I Ib_16	MU	Rt	1599	1407	58	1332	1905	91	ND
EGB-05-S50_I Ib_17	MU	ms	2014	450	64	2302	1284	84	ND
EGB-05-S50_I Ib_18	MU	Rt	4238	387	35	3380	1311	76	ND
EGB-05-S50_I Ib_19	MU	Rt	231	331	7	1312	1723	232	ND
EGB-05-S50_I Ib_20	MU	ms	412	665	289	1893	950	276	ND
EGB-05-S50_I Ib_21	MU	Ant	80	29	ND	721	242	18	155
EGB-05-S50_I Ib_22	MU	Rt	2941	437	76	2231	1502	102	ND
EGB-05-S50_I Ib_23	MU	Rt	2484	459	64	1083	2671	98	ND
EGB-05-S50_I Ib_24	MU	Rt	2128	257	59	3005	1109	65	ND
EGB-05-S50_I Ib_25	MU	Rt	1887	602	109	2742	916	36	ND
EGB-05-S50_I Ib_26	MU	ms	1762	699	72	2255	1556	183	ND
EGB-05-S50_I Ib_27	MU	Rt	1636	207	31	2789	1086	42	ND
EGB-05-S50_I Ib_28	MU	Rt	2190	430	85	2651	1007	66	ND
EGB-05-S50_I Ib_29	MU	Rt	2365	297	72	2455	1888	73	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S50_I Ib_31	MU	Rt	1759	428	154	1070	1279	129	ND
EGB-05-S50_I Ib_33	MU	Rt	1729	1217	87	1422	1165	98	ND
EGB-05-S51_I Ib_01_1	PU	Rt	592	1391	443	920	4681	654	ND
EGB-05-S51_I Ib_01_2	PU	Rt	714	1418	413	1003	4741	602	ND
EGB-05-S51_I Ib_01_3	PU	Rt	1178	1419	394	1065	4957	532	ND
EGB-05-S51_I Ib_02_1	PU	Rt	3554	325	314	3224	780	808	ND
EGB-05-S51_I Ib_02_2	PU	Rt	3520	335	309	4173	775	719	ND
EGB-05-S51_I Ib_02_3	PU	Rt	3350	299	312	3048	773	708	ND
EGB-05-S51_I Ib_04_1	PU	Rt	294	60	17	2458	1108	340	ND
EGB-05-S51_I Ib_04_2	PU	Rt	289	55	26	2890	1194	344	ND
EGB-05-S51_I Ib_04_3	PU	Rt	330	63	ND	3155	792	364	ND
EGB-05-S51_I Ib_07_1	PU	Rt	43	1068	23	1230	1467	106	ND
EGB-05-S51_I Ib_09_1	PU	Rt	1831	1111	130	1006	1458	184	ND
EGB-05-S51_I Ib_09_2	PU	Rt	1885	1115	108	1070	1453	214	ND
EGB-05-S51_I Ib_09_3	PU	Rt	1778	962	147	1058	1506	133	ND
EGB-05-S51_I Ib_11_1	PU	Rt	1388	78	83	3991	945	760	ND
EGB-05-S51_I Ib_12_1	PU	Rt	2219	405	301	3170	901	229	ND
EGB-05-S51_I Ib_12_2	PU	Rt	2340	429	215	3157	990	324	ND
EGB-05-S51_I Ib_12_3	PU	Rt	2289	425	238	3231	1018	254	ND
EGB-05-S51_I Ib_13	PU	Rt	710	40	ND	4637	334	520	3302
EGB-05-S51_I Ib_14_1	PU	Rt	2244	443	471	23475	642	229	ND
EGB-05-S51_I Ib_14_2	PU	Rt	2482	398	466	2131	702	228	ND
EGB-05-S51_I Ib_14_3	PU	Rt	2351	423	610	2341	635	218	ND
EGB-05-S51_I Ib_16_1	PU	Ant	692	23	35	973	852	483	3534
EGB-05-S51_I Ib_16_2	PU	Ant	877	20	27	769	1370	467	553
EGB-05-S51_I Ib_16_3	PU	Ant	610	32	45	854	1147	1075	1016
EGB-05-S51_I Ib_17_1	PU	Rt	5975	1196	190	2438	2997	590	ND
EGB-05-S51_I Ib_20	PU	Rt	791	491	63	1258	3168	3365	ND
EGB-05-S51_I Ib_21	PU	Rt	920	1552	10	2224	668	122	ND
EGB-05-S51_I Ib_24	PU	Rt	3575	785	124	3117	1549	248	ND
EGB-05-S51_I Ib_26	PU	Rt	1133	435	34	2310	1251	135	ND
EGB-05-S51_I Ib_27	PU	Rt	1932	658	158	1784	1167	199	ND
EGB-05-S51_I Ib_28	PU	Rt	1875	396	1850	3056	882	154	ND
EGB-05-S51_I Ib_30	PU	Rt	308	406	59	2114	1759	67	ND
EGB-05-S51_I Ib_31	PU	Rt	2803	424	56	1434	1018	5420	ND
EGB-05-S51_I Ib_34	PU	Rt	754	204	ND	3109	618	53	ND
EGB-05-S51_I Ib_35	PU	Rt	1678	498	91	2085	967	50	ND
EGB-05-S51_I Ib_36	PU	Rt	8686	1591	128	10494	1848	626	ND
EGB-05-S51_I Ib_37	PU	Rt	287	8	13	2788	597	79	ND
EGB-05-S51_I Ib_38	PU	Rt	750	1244	11	652	5335	3169	ND
EGB-05-S51_I Ib_39	PU	Rt	2677	967	95	803	2784	4010	ND
EGB-05-S51_I Ib_41	PU	Rt	4454	642	258	3096	1221	753	ND
EGB-05-S51_I Ib_43	PU	Rt	1203	3468	60	1527	1253	4144	ND
EGB-05-S51_I Ib_44	PU	Rt	3175	4627	135	1667	1693	6503	ND
EGB-05-S51_I Ib_45	PU	Rt	904	737	109	2372	2792	2974	ND
EGB-05-S51_I Ib_47	PU	Rt	4036	277	458	3593	761	423	ND
EGB-05-S51_I Ib_48	PU	Rt	1778	537	49	2131	966	786	ND
EGB-05-S52_I Ib_02_1	MU	Rt	1843	60	1564	3875	434	56	ND
EGB-05-S52_I Ib_02_2	MU	Rt	2300	88	1558	3304	423	6	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S52_I Ib_02_3	MU	Rt	3481	104	1801	4450	405	44	ND
EGB-05-S52_I Ib_03_1	MU	Rt	1488	241	306	2445	470	12	ND
EGB-05-S52_I Ib_03_2	MU	Rt	2705	265	423	20832	498	35	ND
EGB-05-S52_I Ib_03_3	MU	Rt	2312	194	367	3286	508	49	ND
EGB-05-S52_I Ib_04_1	MU	Ant	961	17	37	1949	121	ND	979
EGB-05-S52_I Ib_04_2	MU	Ant	1667	454	71	2163	1065	77	43
EGB-05-S52_I Ib_04_3	MU	Ant	1318	8	7	509	ND	20	26
EGB-05-S52_I Ib_05_1	MU	Ant	1002	3	3	846	ND	53	87
EGB-05-S52_I Ib_05_2	MU	Ant	675	11	ND	958	ND	6	314
EGB-05-S52_I Ib_05_3	MU	Ant	510	6	ND	936	ND	18	1354
EGB-05-S52_I Ib_07_1	MU	Rt	779	6285	20	652	937	133	ND
EGB-05-S52_I Ib_07_2	MU	Rt	1110	6893	53	689	918	144	ND
EGB-05-S52_I Ib_07_3	MU	Rt	956	6759	64	689	1154	118	ND
EGB-05-S52_I Ib_08_1	MU	Rt	1248	282	1352	1559	1914	113	6
EGB-05-S52_I Ib_08_2	MU	Rt	1285	360	1371	1546	1941	85	14
EGB-05-S52_I Ib_08_3	MU	Rt	1174	901	1303	1211	1795	93	12
EGB-05-S52_I Ib_10_1	MU	ms	1001	133	ND	1182	109	12	1193
EGB-05-S52_I Ib_10_2	MU	ms	1123	68	22	837	30	ND	352
EGB-05-S52_I Ib_10_3	MU	ms	1803	535	77	2246	1374	36	3
EGB-05-S52_I Ib_12_1	MU	Rt	1483	142	92	2175	466	102	23
EGB-05-S52_I Ib_13_1	MU	Rt	1664	562	196	2248	1349	59	ND
EGB-05-S52_I Ib_13_2	MU	Rt	1859	564	170	2231	1285	65	ND
EGB-05-S52_I Ib_13_3	MU	Rt	1955	694	237	2374	1420	36	ND
EGB-05-S52_I Ib_14_1	MU	Rt	881	101	158	1903	960	82	ND
EGB-05-S52_I Ib_14_2	MU	Rt	1428	55	159	2136	986	42	9
EGB-05-S52_I Ib_14_3	MU	Rt	1362	51	132	2243	1011	84	9
EGB-05-S52_I Ib_15	MU	Rt	2338	135	1749	5807	932	51	10
EGB-05-S52_I Ib_17	MU	Rt	1565	441	327	1712	1278	102	ND
EGB-05-S52_I Ib_18	MU	Rt	1671	446	132	2161	859	9	ND
EGB-05-S52_I Ib_19	MU	Rt	374	233	70	1756	848	30	ND
EGB-05-S52_I Ib_20	MU	Rt	1176	167	398	1614	1708	81	ND
EGB-05-S52_I Ib_21	MU	Ant	482	9	13	3504	ND	109	375
EGB-05-S52_I Ib_22	MU	Rt	1444	265	239	1233	1938	137	78
EGB-05-S52_I Ib_23	MU	Rt	1982	511	250	2291	744	42	ND
EGB-05-S52_I Ib_27	MU	Ant	1040	ND	32	1659	77	3	449
EGB-05-S52_I Ib_28	MU	ms	1634	506	93	1723	1655	51	ND
EGB-05-S52_I Ib_29	MU	ms	2798	198	255	9305	768	66	27
EGB-05-S52_I Ib_30	MU	Rt	1739	150	120	1614	1184	107	61
EGB-05-S52_I Ib_32	MU	Rt	1776	362	98	2272	1069	33	ND
EGB-05-S52_I Ib_33	MU	Rt	1280	590	90	1929	1045	18	ND
EGB-05-S52_I Ib_34	MU	Rt	1908	840	205	1302	1727	93	37
EGB-05-S52_I Ib_36	MU	Ant	1664	9	122	691	202	188	ND
EGB-05-S52_I Ib_37	MU	Rt	1585	413	160	2433	691	42	ND
EGB-05-S52_I Ib_38	MU	ms	733	53	213	4920	236	42	1795
EGB-05-S52_I Ib_39	MU	ms	1193	18	ND	1155	43	68	1411
EGB-05-S52_I Ib_40	MU	ms	1671	112	1021	2638	322	60	60
EGB-05-S53_I Ib_02_1	MU	ms	1555	70	19	707	135	ND	34
EGB-05-S53_I Ib_02_2	MU	ms	2013	350	225	3484	360	23	ND
EGB-05-S53_I Ib_02_3	MU	ms	2070	379	243	3342	370	18	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S53_I Ib_03_1	MU	Rt	1858	470	364	1995	1128	52	ND
EGB-05-S53_I Ib_03_2	MU	Rt	1631	458	358	1810	1104	70	ND
EGB-05-S53_I Ib_03_3	MU	Rt	1651	600	382	1556	1029	38	ND
EGB-05-S53_I Ib_04_1	MU	Ant	1174	29	ND	436	173	3	45
EGB-05-S53_I Ib_04_2	MU	Ant	1032	17	ND	452	71	ND	359
EGB-05-S53_I Ib_04_3	MU	Ant	868	263	1	963	209	ND	371
EGB-05-S53_I Ib_06_1	MU	Rt	1325	6449	108	582	868	70	ND
EGB-05-S53_I Ib_06_2	MU	Rt	1267	5910	80	616	989	60	ND
EGB-05-S53_I Ib_06_3	MU	Rt	1906	5862	115	762	1228	147	ND
EGB-05-S53_I Ib_07_1	MU	Rt	1061	483	217	1967	630	6	ND
EGB-05-S53_I Ib_07_2	MU	Rt	768	595	132	1724	497	ND	ND
EGB-05-S53_I Ib_07_3	MU	Rt	1377	429	218	1983	634	21	ND
EGB-05-S53_I Ib_08_1	MU	Rt	2089	254	384	3121	808	42	ND
EGB-05-S53_I Ib_08_2	MU	Rt	2077	267	396	3035	802	15	ND
EGB-05-S53_I Ib_08_3	MU	Rt	1516	326	428	2515	729	75	ND
EGB-05-S53_I Ib_10_1	MU	ms	1935	4310	236	384	2209	97	ND
EGB-05-S53_I Ib_10_2	MU	ms	2032	2595	295	396	2485	121	ND
EGB-05-S53_I Ib_10_3	MU	ms	2422	1183	136	984	3735	107	ND
EGB-05-S53_I Ib_11_1	MU	ms	1678	481	106	2244	900	73	25
EGB-05-S53_I Ib_11_2	MU	ms	1752	470	137	2330	1062	50	ND
EGB-05-S53_I Ib_11_3	MU	ms	1887	503	107	2567	1037	73	ND
EGB-05-S53_I Ib_13_1	MU	Rt	2013	404	58	2881	752	107	ND
EGB-05-S53_I Ib_13_2	MU	Rt	1671	463	120	2521	803	107	ND
EGB-05-S53_I Ib_13_3	MU	Rt	2052	491	112	2518	929	181	ND
EGB-05-S53_I Ib_14_1	MU	ms	1777	425	105	2328	1110	55	ND
EGB-05-S53_I Ib_15	MU	Rt	1370	404	60	2006	1165	59	ND
EGB-05-S53_I Ib_16	MU	Ant	1502	34	ND	298	56	21	345
EGB-05-S53_I Ib_17	MU	Ant	1436	14	200	301	ND	178	326
EGB-05-S53_I Ib_18	MU	Rt	1136	402	56	1427	1439	35	ND
EGB-05-S53_I Ib_21	MU	Rt	1476	634	102	1346	769	29	ND
EGB-05-S53_I Ib_23	MU	Rt	1532	738	90	1685	1065	21	ND
EGB-05-S53_I Ib_24	MU	Ant	580	428	29	759	740	9	60
EGB-05-S53_I Ib_25	MU	Rt	1717	614	126	2195	1513	85	ND
EGB-05-S53_I Ib_27	MU	Ant	3459	ND	ND	1199	ND	35	24
EGB-05-S53_I Ib_30	MU	Rt	1773	522	93	2636	1057	91	ND
EGB-05-S53_I Ib_32	MU	Ant	649	ND	4	317	61	44	39
EGB-05-S53_I Ib_33	MU	Rt	2111	506	306	1753	1661	119	ND
EGB-05-S53_I Ib_34	MU	Rt	1638	934	363	1339	3307	118	ND
EGB-05-S53_I Ib_40	MU	ms	1550	417	78	1935	1414	41	ND
EGB-05-S53_I Ib_44	MU	Rt	1936	462	300	2249	1137	59	ND
EGB-05-S53_I Ib_47	MU	ms	1701	385	427	2032	858	62	ND
EGB-05-S53_I Ib_48	MU	Rt	1336	324	55	2110	1224	47	ND
EGB-05-S53_I Ib_49	MU	Rt	1875	133	176	2512	644	18	ND
EGB-05-S53_I Ib_51	MU	ms	1832	623	1586	2500	826	67	ND
EGB-05-S53_I Ib_53	EMU	Brk	1423	9	19	735	ND	90	ND
EGB-05-S54_I Ib_01_1	GU	Rt	1849	30173	19141	8977	8969	569	ND
EGB-05-S54_I Ib_01_2	GU	Rt	1290	23605	14178	4124	6231	374	ND
EGB-05-S54_I Ib_01_3	GU	Rt	1680	17652	14966	8987	7938	410	ND
EGB-05-S54_I Ib_02_1	GU	Rt	2686	1523	5604	14225	1124	289	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S54_I Ib_02_2	GU	Rt	3043	1927	4052	12981	1006	285	ND
EGB-05-S54_I Ib_02_3	GU	Rt	310	2431	5655	8975	3760	38	ND
EGB-05-S54_I Ib_04_1	GU	Ant	2245	361	102	2732	1128	70	ND
EGB-05-S54_I Ib_04_2	GU	Ant	1892	523	163	2787	1088	47	ND
EGB-05-S54_I Ib_04_3	GU	Ant	1957	487	123	2515	1044	35	ND
EGB-05-S54_I Ib_05_1	GU	Ant	470	17	72	830	93	41	189
EGB-05-S54_I Ib_05_2	GU	Ant	424	68	189	1209	219	47	222
EGB-05-S54_I Ib_05_3	GU	Ant	206	23	39	511	68	53	441
EGB-05-S54_I Ib_07_1	GU	Ant	2642	34	4	436	68	18	ND
EGB-05-S54_I Ib_07_2	GU	Ant	2953	88	ND	1276	ND	92	ND
EGB-05-S54_I Ib_07_3	GU	Ant	2633	31	1	375	ND	9	ND
EGB-05-S54_I Ib_17_1	GU	Rt	1378	2904	10555	1886	3889	82	ND
EGB-05-S54_I Ib_17_2	GU	Rt	1789	4768	13706	3571	5415	184	14
EGB-05-S54_I Ib_17_3	GU	Rt	1899	6189	17880	6679	4573	281	ND
EGB-05-S54_I Ib_20_1	GU	Rt	521	1943	21897	10027	2396	247	ND
EGB-05-S54_I Ib_20_2	GU	Rt	294	1546	14887	5252	2240	143	ND
EGB-05-S54_I Ib_20_3	GU	Rt	542	3565	19849	11893	5423	337	ND
EGB-05-S54_I Ib_23_1	GU	Ant	1447	23	36	291	ND	32	164
EGB-05-S54_I Ib_23_2	GU	Ant	1054	68	109	3752	226	184	ND
EGB-05-S54_I Ib_23_3	GU	Ant	1575	40	276	595	ND	97	81
EGB-05-S54_I Ib_37_1	GU	Rt	560	4048	7206	3391	1691	6	ND
EGB-05-S54_I Ib_37_2	GU	Rt	697	1962	7462	4180	1624	32	ND
EGB-05-S54_I Ib_37_3	GU	Rt	671	2228	7854	2457	1418	32	ND
EGB-05-S54_I Ib_39	GU	Rt	1394	4179	4562	2109	4180	147	ND
EGB-05-S54_I Ib_40	GU	Ant	705	6	58	2896	247	73	1152
EGB-05-S54_I Ib_43	GU	Ant	1706	501	95	2107	1336	75	ND
EGB-05-S54_I Ib_54	GU	Ant	740	20	27	702	143	29	ND
EGB-05-S54_I Ib_59	GU	Rt	2845	179	2947	8043	83	103	1972
EGB-05-S54_I Ib_65	GU	Rt	884	354	98	2009	1718	104	ND
EGB-05-S54_I Ib_74	GU	Rt	1792	359	65	2382	695	9	ND
EGB-05-S54_I Ib_83	GU	Ant	592	32	7	2403	ND	6	1273
EGB-05-S55_I Ib_02_1	GU	Rt	2178	274	81	2919	741	101	12
EGB-05-S55_I Ib_02_2	GU	Rt	2012	278	69	2786	706	113	6
EGB-05-S55_I Ib_02_3	GU	Rt	1747	290	38	12592	633	91	ND
EGB-05-S55_I Ib_03_1	GU	Rt	1704	520	180	1499	1651	140	ND
EGB-05-S55_I Ib_03_2	GU	Rt	1783	511	113	1499	1686	145	ND
EGB-05-S55_I Ib_03_3	GU	Rt	1855	529	144	3897	1719	159	ND
EGB-05-S55_I Ib_04_1	GU	Rt	1118	1136	30	1624	1801	201	7
EGB-05-S55_I Ib_04_2	GU	Rt	2438	1304	45	1850	2043	158	ND
EGB-05-S55_I Ib_04_3	GU	Rt	1236	1026	12	1839	1899	168	25
EGB-05-S55_I Ib_05_1	GU	Rt	4563	439	216	3378	711	84	ND
EGB-05-S55_I Ib_05_2	GU	Rt	5887	460	274	4297	888	96	3
EGB-05-S55_I Ib_05_3	GU	Rt	8347	356	292	6204	1058	107	ND
EGB-05-S55_I Ib_06_1	GU	Rt	1943	499	133	2282	1228	113	ND
EGB-05-S55_I Ib_06_2	GU	Rt	1815	489	102	2637	1197	67	ND
EGB-05-S55_I Ib_06_3	GU	Rt	1949	419	80	2627	1279	98	ND
EGB-05-S55_I Ib_07_1	GU	Rt	3260	796	65	2410	1930	150	ND
EGB-05-S55_I Ib_07_2	GU	Rt	3075	753	74	2537	1833	134	13
EGB-05-S55_I Ib_07_3	GU	Rt	1547	458	62	1844	1695	58	72

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S55_Ilb_08_1	GU	Rt	3315	571	72	2797	1309	146	2
EGB-05-S55_Ilb_08_2	GU	Rt	3499	551	79	2737	1306	144	ND
EGB-05-S55_Ilb_08_3	GU	Rt	3581	543	85	3283	1300	148	ND
EGB-05-S55_Ilb_09_1	GU	Rt	1682	477	97	2326	901	76	ND
EGB-05-S55_Ilb_09_2	GU	Rt	2016	413	89	2493	1084	87	ND
EGB-05-S55_Ilb_09_3	GU	Rt	1961	374	68	2498	1108	84	ND
EGB-05-S55_Ilb_10_1	GU	Rt	2778	305	86	3180	886	163	19
EGB-05-S55_Ilb_10_2	GU	Rt	2765	289	112	3637	964	178	ND
EGB-05-S55_Ilb_10_3	GU	Rt	4089	354	113	4233	1096	174	ND
EGB-05-S55_Ilb_11_1	GU	Rt	1963	348	68	2365	1247	76	ND
EGB-05-S55_Ilb_11_2	GU	Rt	2038	395	90	2430	1200	112	ND
EGB-05-S55_Ilb_11_3	GU	Rt	2285	433	108	2313	1222	127	ND
EGB-05-S55_Ilb_12	GU	Rt	1804	390	61	2285	1493	116	35
EGB-05-S55_Ilb_14	GU	Rt	1736	382	66	2192	1254	79	8
EGB-05-S55_Ilb_15	GU	ms	2362	377	76	3238	1090	124	ND
EGB-05-S55_Ilb_16	GU	Rt	1894	638	64	2022	981	110	ND
EGB-05-S55_Ilb_18	GU	Rt	2180	685	49	2630	773	61	ND
EGB-05-S55_Ilb_19	GU	Rt	1715	1197	58	2156	1328	82	ND
EGB-05-S55_Ilb_21	GU	Ant	1400	41	95	1104	180	100	1004
EGB-05-S55_Ilb_22	GU	Rt	2155	677	88	1569	2629	140	0
EGB-05-S55_Ilb_23	GU	Rt	2185	417	80	2604	1234	84	20
EGB-05-S55_Ilb_24	GU	Rt	1811	454	98	3688	990	68	ND
EGB-05-S55_Ilb_25	GU	ms	2914	714	97	1855	2314	150	25
EGB-05-S55_Ilb_26	GU	Rt	1548	590	89	2150	1487	64	ND
EGB-05-S55_Ilb_27	GU	Rt	1639	649	124	1377	1593	50	ND
EGB-05-S55_Ilb_29	GU	Rt	1776	398	75	2110	918	88	ND
EGB-05-S55_Ilb_30	GU	Rt	1826	361	72	2536	1090	119	ND
EGB-05-S55_Ilb_32	GU	Rt	2015	330	ND	2902	743	82	ND
EGB-05-S55_Ilb_33	GU	Rt	1530	608	79	1630	1864	78	31
EGB-05-S55_Ilb_34	GU	Rt	2085	458	102	2913	860	104	6
EGB-05-S55_Ilb_36	GU	ms	1665	476	89	2183	1311	99	ND
EGB-05-S55_Ilb_38	GU	Rt	2955	686	91	2706	1342	158	ND
EGB-05-S56_Ilb_01_1	EGU2	Rt	2481	502	158	2361	1386	200	ND
EGB-05-S56_Ilb_01_2	EGU2	Rt	1890	453	158	2215	1355	205	ND
EGB-05-S56_Ilb_01_3	EGU2	Rt	1030	457	192	2110	1251	254	ND
EGB-05-S56_Ilb_02_1	EGU2	Rt	178	1430	40	685	993	133	ND
EGB-05-S56_Ilb_03_2	EGU2	Rt	1712	631	137	2375	1729	269	ND
EGB-05-S56_Ilb_03_3	EGU2	Rt	2154	629	120	2413	1730	238	ND
EGB-05-S56_Ilb_04_1	EGU2	ms	3044	396	110	9166	828	369	ND
EGB-05-S56_Ilb_04_2	EGU2	ms	3286	424	158	2657	847	402	ND
EGB-05-S56_Ilb_04_3	EGU2	ms	3115	434	99	2637	813	383	ND
EGB-05-S56_Ilb_07_1	EGU2	Rt	1812	598	158	2290	920	144	ND
EGB-05-S56_Ilb_08_1	EGU2	Rt	2461	540	71	2831	1440	285	ND
EGB-05-S56_Ilb_08_2	EGU2	Rt	2066	545	115	2935	1321	287	ND
EGB-05-S56_Ilb_08_3	EGU2	Rt	1931	515	102	2751	1221	306	ND
EGB-05-S56_Ilb_09_1	EGU2	ms	2409	579	132	3047	950	253	ND
EGB-05-S56_Ilb_09_2	EGU2	ms	1962	596	124	2916	940	255	ND
EGB-05-S56_Ilb_09_3	EGU2	ms	2268	560	117	3300	981	234	ND
EGB-05-S56_Ilb_10_1	EGU2	Rt	3034	316	720	3615	777	143	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S56_I Ib_11	EGU2	Rt	3196	599	102	2766	1304	218	ND
EGB-05-S56_I Ib_12	EGU2	Rt	2525	662	163	2225	1447	265	ND
EGB-05-S56_I Ib_13	EGU2	Rt	2678	489	117	2966	1207	264	ND
EGB-05-S56_I Ib_14	EGU2	Rt	1036	642	202	1684	1793	168	ND
EGB-05-S56_I Ib_15	EGU2	ms	1706	598	164	1569	1369	258	ND
EGB-05-S56_I Ib_16	EGU2	Rt	1516	658	243	1880	1914	140	ND
EGB-05-S56_I Ib_17	EGU2	Rt	59	943	27	1218	1706	256	ND
EGB-05-S56_I Ib_18	EGU2	Rt	3237	798	79	2662	828	174	ND
EGB-05-S56_I Ib_19	EGU2	ms	628	741	154	1235	2527	274	ND
EGB-05-S56_I Ib_20	EGU2	ms	2360	497	141	1856	1382	222	ND
EGB-05-S56_I Ib_21	EGU2	Rt	134	1248	59	480	1623	215	ND
EGB-05-S56_I Ib_22	EGU2	Rt	1987	677	72	2299	1145	232	96
EGB-05-S56_I Ib_23	EGU2	Rt	2387	904	164	5655	1690	233	ND
EGB-05-S56_I Ib_24	EGU2	Rt	1493	434	150	2347	1139	138	ND
EGB-05-S56_I Ib_25	EGU2	Rt	1831	470	117	3080	1205	221	ND
EGB-05-S56_I Ib_26	EGU2	Rt	1208	862	125	1663	2364	189	ND
EGB-05-S56_I Ib_27	EGU2	ms	2654	502	217	2275	1610	216	ND
EGB-05-S56_I Ib_28	EGU2	Rt	103	1145	61	1091	2147	195	ND
EGB-05-S56_I Ib_29	EGU2	Rt	1973	593	191	1681	1776	255	ND
EGB-05-S56_I Ib_30	EGU2	Rt	3147	203	973	6640	561	263	ND
EGB-05-S57_I Ib_01_1	EGU2	Rt	2885	183	351	2881	643	482	ND
EGB-05-S57_I Ib_01_2	EGU2	Rt	2929	216	336	3224	651	478	ND
EGB-05-S57_I Ib_01_3	EGU2	Rt	2840	236	310	3086	611	506	ND
EGB-05-S57_I Ib_02_1	EGU2	Rt	894	180	82	1489	826	188	ND
EGB-05-S57_I Ib_03_1	EGU2	Rt	2355	521	66	1522	1430	164	ND
EGB-05-S57_I Ib_03_2	EGU2	Rt	2108	531	124	1526	1440	181	ND
EGB-05-S57_I Ib_03_3	EGU2	Rt	2000	506	95	1468	1342	162	ND
EGB-05-S57_I Ib_06_1	EGU2	Rt	1916	537	150	1973	664	213	ND
EGB-05-S57_I Ib_07_1	EGU2	Rt	1743	578	148	2036	1115	154	ND
EGB-05-S57_I Ib_08_1	EGU2	Rt	2515	502	245	1957	1162	451	ND
EGB-05-S57_I Ib_10_1	EGU2	Rt	2118	881	93	2651	1342	148	ND
EGB-05-S57_I Ib_10_2	EGU2	Rt	1952	902	104	1516	1295	178	ND
EGB-05-S57_I Ib_10_3	EGU2	Rt	1860	886	128	1323	1311	158	ND
EGB-05-S57_I Ib_11_1	EGU2	Rt	1904	494	146	2833	781	192	ND
EGB-05-S57_I Ib_12_1	EGU2	Rt	1512	435	167	1621	1728	109	ND
EGB-05-S57_I Ib_13_1	EGU2	Rt	2559	518	104	2988	1076	185	ND
EGB-05-S57_I Ib_13_2	EGU2	Rt	2069	451	177	2466	1098	229	ND
EGB-05-S57_I Ib_13_3	EGU2	Rt	1912	499	186	4851	1096	210	ND
EGB-05-S57_I Ib_14	EGU2	Rt	1759	547	143	2504	1016	80	560
EGB-05-S57_I Ib_17	EGU2	Rt	1789	388	317	1507	1729	112	ND
EGB-05-S57_I Ib_18	EGU2	Rt	1603	621	167	1480	970	91	ND
EGB-05-S57_I Ib_19	EGU2	Rt	1838	622	157	3398	939	149	ND
EGB-05-S57_I Ib_20	EGU2	Rt	1757	625	154	1327	1471	205	ND
EGB-05-S57_I Ib_21	EGU2	Rt	1746	562	154	2552	736	102	ND
EGB-05-S57_I Ib_22	EGU2	Rt	1637	638	92	944	1691	123	ND
EGB-05-S57_I Ib_23	EGU2	ms	1542	517	2186	2243	1390	138	ND
EGB-05-S57_I Ib_24	EGU2	Rt	1838	770	143	1143	1611	170	ND
EGB-05-S57_I Ib_25	EGU2	Rt	1912	661	170	1340	1436	140	ND
EGB-05-S57_I Ib_26	EGU2	Rt	1612	577	190	1154	1328	161	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S57_I Ib_28	EGU2	Rt	1042	909	91	1240	1432	96	ND
EGB-05-S57_I Ib_29	EGU2	Rt	3161	528	161	2595	828	607	ND
EGB-05-S57_I Ib_30	EGU2	Rt	1662	652	224	1582	1228	101	ND
EGB-05-S57_I Ib_31	EGU2	Rt	1711	547	176	1342	1441	111	ND
EGB-05-S57_I Ib_32	EGU2	Rt	1693	442	234	3079	657	194	ND
EGB-05-S57_I Ib_33	EGU2	Rt	1931	751	128	944	1276	152	ND
EGB-05-S57_I Ib_34	EGU2	Rt	2095	526	138	2531	1188	194	ND
EGB-05-S61_I Ib_01_3	GU	Rt	1678	534	124	2275	1104	59	ND
EGB-05-S61_I Ib_02_1	GU	Rt	2791	732	100	6208	1335	172	ND
EGB-05-S61_I Ib_02_2	GU	Rt	1655	580	93	2676	1396	104	ND
EGB-05-S61_I Ib_02_3	GU	Rt	1676	619	145	2808	1433	45	ND
EGB-05-S61_I Ib_03_1	GU	Rt	2082	491	107	2710	1661	65	ND
EGB-05-S61_I Ib_03_2	GU	Rt	1638	512	118	2669	1589	95	ND
EGB-05-S61_I Ib_03_3	GU	Rt	1852	483	108	2597	1654	68	ND
EGB-05-S61_I Ib_06_1	GU	Rt	2164	471	90	2941	1128	113	ND
EGB-05-S61_I Ib_06_2	GU	Rt	2363	506	112	3117	1171	93	ND
EGB-05-S61_I Ib_06_3	GU	Rt	2622	552	65	3024	1215	94	ND
EGB-05-S61_I Ib_07_1	GU	Rt	2243	495	98	2595	1559	130	ND
EGB-05-S61_I Ib_07_2	GU	Rt	2703	535	48	2883	1652	116	ND
EGB-05-S61_I Ib_07_3	GU	Rt	3282	534	28	3033	1651	132	ND
EGB-05-S61_I Ib_08_1	GU	Rt	3130	378	94	3336	1211	126	ND
EGB-05-S61_I Ib_08_2	GU	Rt	2293	382	80	3062	1078	107	ND
EGB-05-S61_I Ib_08_3	GU	Rt	2061	378	60	3075	1095	121	ND
EGB-05-S61_I Ib_09_1	GU	Rt	1922	504	121	2674	1389	82	ND
EGB-05-S61_I Ib_09_2	GU	Rt	2696	442	113	2965	1478	87	ND
EGB-05-S61_I Ib_09_3	GU	Rt	2656	397	89	3029	1537	110	ND
EGB-05-S61_I Ib_10_1	GU	Rt	2979	439	95	3103	1281	168	ND
EGB-05-S61_I Ib_10_2	GU	Rt	1908	454	110	2906	1069	76	ND
EGB-05-S61_I Ib_10_3	GU	Rt	1556	614	135	2717	1137	48	ND
EGB-05-S61_I Ib_11_1	GU	Rt	1718	580	121	2861	1135	56	ND
EGB-05-S61_I Ib_11_2	GU	Rt	1677	615	124	2836	1069	53	ND
EGB-05-S61_I Ib_11_3	GU	Rt	1728	562	86	2414	1054	76	ND
EGB-05-S61_I Ib_13_1	GU	Rt	2701	484	83	2677	1869	113	ND
EGB-05-S61_I Ib_13_2	GU	Rt	1870	437	106	2567	1717	119	ND
EGB-05-S61_I Ib_13_3	GU	Rt	2380	580	91	2354	1732	130	ND
EGB-05-S61_I Ib_14	GU	Rt	1779	542	119	1447	1119	94	ND
EGB-05-S61_I Ib_15	GU	Rt	3142	1006	119	2735	1449	138	ND
EGB-05-S61_I Ib_16	GU	Rt	1894	593	109	2479	1130	85	ND
EGB-05-S61_I Ib_17	GU	Rt	1815	423	113	2501	1147	114	ND
EGB-05-S61_I Ib_19	GU	Rt	1785	489	95	2282	1604	71	ND
EGB-05-S61_I Ib_21	GU	Brk	2038	495	301	2173	1193	160	ND
EGB-05-S61_I Ib_22	GU	Rt	2755	548	89	2891	1098	135	ND
EGB-05-S61_I Ib_23	GU	Rt	1483	430	78	2210	1687	151	ND
EGB-05-S61_I Ib_26	GU	Rt	1843	551	101	3133	1295	91	ND
EGB-05-S61_I Ib_27	GU	Rt	3111	532	80	3377	1015	117	ND
EGB-05-S61_I Ib_28	GU	Rt	2201	406	59	3083	1034	156	ND
EGB-05-S61_I Ib_29	GU	Rt	1799	575	86	2440	1349	93	ND
EGB-05-S61_I Ib_30	GU	Ant	3628	ND	204	407	ND	50	ND
EGB-05-S61_I Ib_31	GU	Rt	1850	411	104	2657	1108	80	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S61_I Ib_32	GU	Rt	1736	467	112	3217	1028	59	ND
EGB-05-S61_I Ib_33	GU	Rt	1199	356	173	2110	976	143	ND
EGB-05-S61_I Ib_34	GU	Rt	2172	451	105	2350	1860	114	ND
EGB-05-S61_I Ib_35	GU	Rt	2923	358	54	3220	1309	107	ND
EGB-05-S61_I Ib_36	GU	Rt	1661	493	121	2790	959	18	ND
EGB-05-S61_I Ib_37	GU	Rt	1957	1310	95	1973	1689	97	ND
EGB-05-S63_I Ib_01_1	GU	Rt	1011	369	103	1461	1244	92	ND
EGB-05-S63_I Ib_02_1	GU	Rt	4562	423	17	3000	1232	75	ND
EGB-05-S63_I Ib_02_2	GU	Rt	5316	391	31	3186	1432	81	ND
EGB-05-S63_I Ib_02_3	GU	Rt	4605	376	54	2953	1279	56	ND
EGB-05-S63_I Ib_04_1	GU	Rt	1567	482	124	2393	810	45	ND
EGB-05-S63_I Ib_04_2	GU	Rt	1909	385	91	3035	873	53	ND
EGB-05-S63_I Ib_04_3	GU	Rt	1616	416	114	2779	827	39	ND
EGB-05-S63_I Ib_05_1	GU	Rt	1370	310	85	2218	961	66	ND
EGB-05-S63_I Ib_05_2	GU	Rt	2045	335	137	2460	1033	189	22
EGB-05-S63_I Ib_05_3	GU	Rt	1982	415	91	2494	1002	132	ND
EGB-05-S63_I Ib_06_1	GU	Ant	1943	94	6	1363	ND	ND	36
EGB-05-S63_I Ib_06_2	GU	Ant	1632	53	ND	2885	60	6	37
EGB-05-S63_I Ib_06_3	GU	Ant	1920	312	161	2124	853	56	ND
EGB-05-S63_I Ib_08_1	GU	Rt	2362	1189	123	1658	1561	108	ND
EGB-05-S63_I Ib_08_2	GU	Rt	1361	373	44	1532	1665	87	ND
EGB-05-S63_I Ib_08_3	GU	Rt	1163	328	80	1583	1664	69	ND
EGB-05-S63_I Ib_09_1	GU	Rt	2003	293	100	3116	987	63	ND
EGB-05-S63_I Ib_09_2	GU	Rt	1468	265	103	2908	954	95	ND
EGB-05-S63_I Ib_09_3	GU	Rt	1566	292	111	2905	974	78	ND
EGB-05-S63_I Ib_10_1	GU	Rt	2052	195	390	3112	655	29	ND
EGB-05-S63_I Ib_11_1	GU	Rt	1704	319	718	3700	980	39	ND
EGB-05-S63_I Ib_11_2	GU	Rt	1701	302	729	3341	903	48	ND
EGB-05-S63_I Ib_11_3	GU	Rt	1648	289	721	3342	933	51	ND
EGB-05-S63_I Ib_12_1	GU	Rt	1154	410	62	1838	1165	68	ND
EGB-05-S63_I Ib_12_2	GU	Rt	1320	435	41	1667	1061	91	ND
EGB-05-S63_I Ib_12_3	GU	Rt	1475	360	47	1839	1143	84	ND
EGB-05-S63_I Ib_13	GU	Ant	374	3	18	1846	68	57	4729
EGB-05-S63_I Ib_14	GU	Rt	1733	335	139	1796	1092	174	ND
EGB-05-S63_I Ib_15	GU	ms	2744	272	88	16246	917	39	ND
EGB-05-S63_I Ib_16	GU	Rt	1837	161	130	2475	938	93	ND
EGB-05-S63_I Ib_18	GU	Rt	1886	371	426	3176	606	39	ND
EGB-05-S63_I Ib_19	GU	Rt	2161	408	39	3312	801	118	ND
EGB-05-S63_I Ib_20	GU	Ant	1075	426	136	2748	937	48	ND
EGB-05-S63_I Ib_21	GU	Rt	2014	306	70	2532	1013	15	ND
EGB-05-S63_I Ib_22	GU	Rt	2017	182	56	2525	535	93	ND
EGB-05-S63_I Ib_23	GU	Rt	2071	301	727	3492	683	45	ND
EGB-05-S63_I Ib_24	GU	Rt	826	244	184	3119	810	68	ND
EGB-05-S63_I Ib_25	GU	Rt	1585	506	89	1883	1205	66	ND
EGB-05-S63_I Ib_26	GU	ms	1775	607	106	2935	720	51	ND
EGB-05-S63_I Ib_27	GU	Rt	1425	376	112	2455	600	42	ND
EGB-05-S63_I Ib_28	GU	Rt	5026	199	159	5126	782	85	ND
EGB-05-S63_I Ib_29	GU	Rt	2046	337	126	2696	864	18	ND
EGB-05-S63_I Ib_30	GU	Ant	1734	100	101	885	217	ND	74

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S63_I Ib_31	GU	Rt	1708	434	111	2401	1319	93	ND
EGB-05-S63_I Ib_32	GU	Rt	1532	504	370	2557	952	45	ND
EGB-05-S64_I Ib_01_1	GPU	Rt	805	51	129	1844	1086	53	ND
EGB-05-S64_I Ib_01_2	GPU	Rt	807	161	152	2064	1223	61	ND
EGB-05-S64_I Ib_01_3	GPU	Rt	914	53	113	1903	1173	6	ND
EGB-05-S64_I Ib_02_1	GPU	Rt	1920	952	26	868	4026	4687	ND
EGB-05-S64_I Ib_05_1	GPU	Ant	112	34	ND	848	359	44	9
EGB-05-S64_I Ib_05_2	GPU	Ant	149	43	ND	918	453	600	588
EGB-05-S64_I Ib_05_3	GPU	Ant	277	361	86	1358	4079	ND	ND
EGB-05-S64_I Ib_06_1	GPU	Rt	2313	509	499	2571	1543	105	ND
EGB-05-S64_I Ib_07_1	GPU	Rt	1915	534	193	1705	1065	26	ND
EGB-05-S64_I Ib_07_2	GPU	Rt	1968	685	160	2171	1081	23	ND
EGB-05-S64_I Ib_07_3	GPU	Rt	1697	597	186	1621	1087	35	ND
EGB-05-S64_I Ib_08_1	GPU	Ant	603	497	72	584	1029	1091	675
EGB-05-S64_I Ib_08_2	GPU	Ant	407	389	64	411	1149	819	1928
EGB-05-S64_I Ib_08_3	GPU	Ant	388	260	47	381	948	814	3876
EGB-05-S64_I Ib_10_2	GPU	Ant	1142	ND	46	733	1083	18	ND
EGB-05-S64_I Ib_10_3	GPU	Ant	1386	14	17	626	1083	21	ND
EGB-05-S64_I Ib_11	GPU	Rt	1615	116	ND	1268	2374	1260	1792
EGB-05-S64_I Ib_12_1	GPU	Rt	1987	452	76	2047	627	84	ND
EGB-05-S64_I Ib_12_2	GPU	Rt	5168	360	73	4104	715	96	ND
EGB-05-S64_I Ib_12_3	GPU	Rt	1959	441	74	1944	644	70	ND
EGB-05-S64_I Ib_13_1	GPU	Rt	678	43	202	2614	347	111	21
EGB-05-S64_I Ib_13_2	GPU	Rt	687	233	143	2378	324	41	ND
EGB-05-S64_I Ib_13_3	GPU	Rt	685	20	195	2317	333	67	ND
EGB-05-S64_I Ib_14_1	GPU	Ant	612	64	43	1661	331	9	33
EGB-05-S64_I Ib_14_2	GPU	Ant	612	14	ND	87	199	3	ND
EGB-05-S64_I Ib_14_3	GPU	Ant	440	95	83	3823	564	ND	ND
EGB-05-S64_I Ib_17	GPU	Ant	1213	51	17	1264	147	ND	446
EGB-05-S64_I Ib_18	GPU	Ant	772	17	ND	415	87	3	342
EGB-05-S64_I Ib_19	GPU	Ant	1237	138	10	992	346	ND	187
EGB-05-S64_I Ib_21	GPU	Ant	406	6	1	1174	93	9	391
EGB-05-S64_I Ib_22	GPU	Rt	1858	477	1241	2690	1107	124	ND
EGB-05-S64_I Ib_23	GPU	Ant	549	23	11	761	120	9	3491
EGB-05-S64_I Ib_24	GPU	Rt	1636	344	107	2704	1101	77	ND
EGB-05-S64_I Ib_25	GPU	Ant	909	14	3	420	111	6	ND
EGB-05-S64_I Ib_26	GPU	Ant	328	26	16	880	77	ND	40
EGB-05-S64_I Ib_27	GPU	Rt	1770	320	44	2218	1338	104	ND
EGB-05-S64_I Ib_28	GPU	Ant	3055	74	58	2988	1158	56	ND
EGB-05-S64_I Ib_3	GPU	ms	2041	419	49	1967	1334	53	480
EGB-05-S64_I Ib_31	GPU	Rt	1197	824	17	2846	3287	1532	ND
EGB-05-S64_I Ib_32	GPU	Rt	2384	320	93	4522	641	74	ND
EGB-05-S64_I Ib_33	GPU	Rt	1528	378	777	3039	979	47	ND
EGB-05-S64_I Ib_34	GPU	Ant	368	368	33	910	3873	12	990
EGB-05-S64_I Ib_35	GPU	Rt	3359	898	94	3094	765	62	266
EGB-05-S64_I Ib_36	GPU	Rt	1017	246	58	3286	245	76	ND
EGB-05-S64_I Ib_37	GPU	Rt	960	189	92	3514	284	32	0
EGB-05-S65_I Ib_01_1	MU	Rt	1191	317	83	1388	1541	64	ND
EGB-05-S65_I Ib_01_2	MU	Rt	1164	308	56	1631	1525	72	370

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S65_I Ib_01_3	MU	Rt	1510	301	45	1677	1553	65	ND
EGB-05-S65_I Ib_02_1	MU	ms	2264	374	121	2266	1279	56	ND
EGB-05-S65_I Ib_02_2	MU	ms	1685	441	64	2226	1281	83	ND
EGB-05-S65_I Ib_02_3	MU	ms	1649	530	69	2032	1247	58	4
EGB-05-S65_I Ib_03_1	MU	Rt	1608	484	117	2087	1134	80	ND
EGB-05-S65_I Ib_03_2	MU	Rt	1683	478	119	2426	1124	76	ND
EGB-05-S65_I Ib_03_3	MU	Rt	1728	533	109	2127	1094	61	ND
EGB-05-S65_I Ib_04_1	MU	ms	1734	328	360	2588	529	66	ND
EGB-05-S65_I Ib_06_1	MU	Rt	2031	2029	129	2151	1431	182	ND
EGB-05-S65_I Ib_06_2	MU	Rt	1855	1895	111	1871	1416	114	ND
EGB-05-S65_I Ib_06_3	MU	Rt	1142	2103	132	1515	1245	87	ND
EGB-05-S65_I Ib_07_1	MU	Rt	1534	589	152	2603	793	137	ND
EGB-05-S65_I Ib_07_2	MU	Rt	1593	597	132	2912	824	107	ND
EGB-05-S65_I Ib_07_3	MU	Rt	1535	563	114	2659	836	107	ND
EGB-05-S65_I Ib_08_1	MU	Rt	1907	482	112	2168	1399	114	ND
EGB-05-S65_I Ib_09_1	MU	Rt	2234	310	85	2423	1109	77	ND
EGB-05-S65_I Ib_09_2	MU	Rt	2155	268	45	2609	1058	81	ND
EGB-05-S65_I Ib_09_3	MU	Rt	2452	282	60	2712	1081	80	ND
EGB-05-S65_I Ib_10_1	MU	Rt	1857	379	112	2763	1050	140	ND
EGB-05-S65_I Ib_10_2	MU	Rt	1848	353	139	2386	990	120	ND
EGB-05-S65_I Ib_10_3	MU	Rt	1840	407	155	2561	1086	113	ND
EGB-05-S65_I Ib_11_1	MU	Rt	1116	172	64	2197	1180	81	ND
EGB-05-S65_I Ib_11_2	MU	Rt	2338	142	128	2663	1374	184	ND
EGB-05-S65_I Ib_11_3	MU	Rt	1983	160	78	2569	1245	232	ND
EGB-05-S65_I Ib_12	MU	ms	1514	354	85	2205	847	41	ND
EGB-05-S65_I Ib_13	MU	Rt	3298	145	206	3147	912	212	ND
EGB-05-S65_I Ib_14	MU	Rt	1585	677	373	1650	1342	74	ND
EGB-05-S65_I Ib_15	MU	Rt	514	5266	44	563	1103	18	ND
EGB-05-S65_I Ib_16	MU	Rt	1901	502	115	2178	748	105	ND
EGB-05-S65_I Ib_17	MU	Rt	1683	352	22	2354	1136	21	ND
EGB-05-S65_I Ib_19	MU	Rt	1897	450	69	1756	1561	59	ND
EGB-05-S65_I Ib_20	MU	Rt	2418	345	37	1639	1786	47	ND
EGB-05-S65_I Ib_21	MU	Rt	1742	889	85	1656	1232	90	ND
EGB-05-S65_I Ib_22	MU	Rt	2043	218	553	3110	1007	121	17
EGB-05-S65_I Ib_24	MU	Rt	993	230	78	2481	956	67	ND
EGB-05-S65_I Ib_26	MU	Rt	1739	502	46	2049	1470	76	ND
EGB-05-S65_I Ib_28	MU	Rt	1569	274	57	1904	901	84	ND
EGB-05-S65_I Ib_29	MU	Rt	3089	419	139	3447	1204	106	ND
EGB-05-S65_I Ib_31	MU	Rt	1492	116	80	3324	1858	62	ND
EGB-05-S65_I Ib_32	MU	Rt	1867	563	213	2072	1592	50	ND
EGB-05-S65_I Ib_33	MU	Rt	2167	663	113	2185	998	65	ND
EGB-05-S65_I Ib_34	MU	ms	991	341	141	2506	1340	67	ND
EGB-05-S65_I Ib_35	MU	Rt	1785	439	117	2843	969	53	ND
EGB-05-S65_I Ib_5	MU	Rt	1870	358	60	1829	1899	86	ND
EGB-05-S67_I Ib_03_1	PU	Rt	513	480	339	3189	5334	48	2
EGB-05-S67_I Ib_03_2	PU	Rt	2883	528	1052	3336	4228	92	ND
EGB-05-S67_I Ib_03_3	PU	Rt	313	363	221	3241	5155	18	ND
EGB-05-S67_I Ib_06_1	PU	Rt	1281	230	33	5071	305	50	266
EGB-05-S67_I Ib_06_2	PU	Rt	1037	161	65	4608	396	83	311

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S67_I Ib_06_3	PU	Rt	1071	138	58	4147	593	150	51
EGB-05-S67_I Ib_07_1	PU	Ant	1964	211	55	2008	621	403	ND
EGB-05-S67_I Ib_07_2	PU	Ant	998	189	42	1959	803	265	ND
EGB-05-S67_I Ib_07_3	PU	Ant	909	205	37	2048	898	250	ND
EGB-05-S67_I Ib_08_1	PU	Rt	774	57	10	4731	1024	44	ND
EGB-05-S67_I Ib_08_2	PU	Rt	838	70	7	4445	748	26	ND
EGB-05-S67_I Ib_08_3	PU	Rt	777	64	39	4192	841	44	ND
EGB-05-S67_I Ib_11_1	PU	Ant	835	144	221	2077	1286	62	ND
EGB-05-S67_I Ib_11_2	PU	Ant	1262	329	523	3101	1470	62	ND
EGB-05-S67_I Ib_11_3	PU	Ant	1054	205	269	2669	1320	78	ND
EGB-05-S67_I Ib_12_1	PU	Ant	589	187	66	2365	932	520	54
EGB-05-S67_I Ib_12_2	PU	Ant	544	205	86	3275	1460	552	101
EGB-05-S67_I Ib_12_3	PU	Ant	806	168	109	2517	933	589	ND
EGB-05-S67_I Ib_15_1	PU	Rt	1628	380	53	466	2144	3583	ND
EGB-05-S67_I Ib_17_1	PU	Rt	1849	710	150	1999	1010	202	ND
EGB-05-S67_I Ib_22_1	PU	Rt	1260	161	213	9707	3610	138	ND
EGB-05-S67_I Ib_22_3	PU	Rt	837	111	100	6680	2612	100	691
EGB-05-S67_I Ib_32_1	PU	Rt	1208	6	ND	3739	615	25	15
EGB-05-S67_I Ib_36	PU	Rt	938	231	152	1925	731	141	ND
EGB-05-S68_I Ib_01_1	KG	Ant	10905	14	603	13292	454	24	2281
EGB-05-S68_I Ib_01_2	KG	Ant	11954	ND	437	7735	252	53	2524
EGB-05-S68_I Ib_01_3	KG	Ant	11604	ND	486	8997	228	47	1499
EGB-05-S68_I Ib_27_1	KG	Ant	9747	35	3869	5656	309	235	ND
EGB-05-S68_I Ib_27_2	KG	Ant	8245	14	1056	2470	89	124	1519
EGB-05-S68_I Ib_27_3	KG	Ant	9457	ND	4123	5745	315	198	ND
EGB-05-S69_I Ib_01_1	OS	Rt	1474	1466	47	374	5249	1663	ND
EGB-05-S69_I Ib_02_1	OS	Rt	3515	543	425	3074	4643	136	1083
EGB-05-S69_I Ib_02_2	OS	Rt	8087	1819	100	4049	2453	703	ND
EGB-05-S69_I Ib_02_3	OS	Rt	9953	1432	229	5080	2920	459	ND
EGB-05-S69_I Ib_03_1	OS	Ant	1451	26	389	707	383	203	1600
EGB-05-S69_I Ib_03_2	OS	Ant	1941	37	412	1184	511	254	2798
EGB-05-S69_I Ib_03_3	OS	Ant	2634	101	1498	1112	541	155	1192
EGB-05-S69_I Ib_05_1	OS	Rt	709	4361	17	1448	2513	4042	1161
EGB-05-S69_I Ib_05_2	OS	Rt	743	4371	11	1435	2519	1958	416
EGB-05-S69_I Ib_05_3	OS	Rt	741	4306	36	1442	2476	3088	846
EGB-05-S69_I Ib_06_1	OS	Rt	1450	791	164	1158	2884	2530	ND
EGB-05-S69_I Ib_06_2	OS	Rt	1670	801	147	579	3030	2582	ND
EGB-05-S69_I Ib_06_3	OS	Rt	2254	801	148	1118	3039	2522	ND
EGB-05-S69_I Ib_08_1	OS	Rt	1316	4757	57	1450	2283	2989	763
EGB-05-S69_I Ib_08_2	OS	Rt	1311	4657	ND	1436	2211	7254	1972
EGB-05-S69_I Ib_08_3	OS	Rt	1327	4775	33	1404	2287	3439	850
EGB-05-S69_I Ib_09_1	OS	Rt	4317	705	317	2849	2909	1635	ND
EGB-05-S69_I Ib_09_2	OS	Rt	4498	719	356	2725	2965	1760	ND
EGB-05-S69_I Ib_09_3	OS	Rt	4616	700	331	2825	2960	1780	ND
EGB-05-S69_I Ib_14_1	OS	Rt	197	1158	8	1966	1093	340	ND
EGB-05-S69_I Ib_15_1	OS	Rt	1935	2466	112	841	4175	997	ND
EGB-05-S69_I Ib_15_2	OS	Rt	2082	2433	129	792	4115	997	ND
EGB-05-S69_I Ib_15_3	OS	Rt	1927	2709	158	1070	4966	891	ND
EGB-05-S69_I Ib_16	OS	Rt	2903	234	562	2102	5108	9	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S69_I Ib_17	OS	Rt	1900	636	55	660	3287	3822	ND
EGB-05-S69_I Ib_18	OS	Rt	3346	1360	172	997	4784	1756	ND
EGB-05-S69_I Ib_19	OS	Rt	426	1387	128	773	3782	216	ND
EGB-05-S69_I Ib_21	OS	Rt	2207	1078	83	385	4189	627	722
EGB-05-S69_I Ib_22	OS	Rt	890	644	11	928	2987	5535	ND
EGB-05-S69_I Ib_23	OS	Rt	4157	883	16	2159	3290	721	ND
EGB-05-S69_I Ib_24	OS	Ant	10136	20	132	2875	171	38	175
EGB-05-S69_I Ib_25	OS	Rt	5148	1401	97	841	3219	524	ND
EGB-05-S69_I Ib_27	OS	Rt	1832	1540	182	1147	2223	897	ND
EGB-05-S69_I Ib_28	OS	Rt	123	1427	1	1169	314	425	863
EGB-05-S69_I Ib_29	OS	Rt	3046	607	92	1908	2102	1650	ND
EGB-05-S69_I Ib_30	OS	Rt	4004	801	135	1886	2837	2474	ND
EGB-05-S69_I Ib_31	OS	Rt	905	557	282	1653	3037	3767	ND
EGB-05-S69_I Ib_33	OS	Rt	481	4331	9	1191	2710	3642	ND
EGB-05-S69_I Ib_34	OS	Rt	3712	77	50	25263	3606	53	ND
EGB-05-S69_I Ib_35	OS	Rt	937	4651	20	1053	1425	6030	1216
EGB-05-S69_I Ib_36	OS	Rt	2322	1051	174	487	3537	3228	ND
EGB-05-S69_I Ib_38	OS	Rt	2361	1027	255	1384	2315	2340	ND
EGB-05-S69_I Ib_39	OS	Rt	4617	831	166	2791	1608	696	ND
EGB-05-S69_I Ib_41	OS	Rt	3216	1273	160	917	2881	845	ND
EGB-05-S69_I Ib_42	OS	Rt	2905	1861	300	503	6509	1022	ND
EGB-05-S70_I Ib_01_1	OS	Rt	4623	536	42	2421	2451	1492	ND
EGB-05-S70_I Ib_01_2	OS	Rt	4703	529	49	2576	2455	1575	ND
EGB-05-S70_I Ib_01_3	OS	Rt	4631	558	73	2521	2429	1498	ND
EGB-05-S70_I Ib_03_1	OS	Rt	1741	227	186	2989	905	78	ND
EGB-05-S70_I Ib_04_1	OS	Rt	1789	2064	109	3349	3801	894	ND
EGB-05-S70_I Ib_04_2	OS	Rt	2542	1693	114	4643	3107	1037	46
EGB-05-S70_I Ib_04_3	OS	Rt	5364	8490	81	8769	2370	2276	1674
EGB-05-S70_I Ib_05_1	OS	Ant	848	573	57	1161	3387	4663	ND
EGB-05-S70_I Ib_05_2	OS	Ant	989	628	67	1216	3469	4930	ND
EGB-05-S70_I Ib_05_3	OS	Ant	884	634	49	1194	3450	4976	ND
EGB-05-S70_I Ib_08_1	OS	Rt	327	2159	10	2668	519	709	403
EGB-05-S70_I Ib_08_2	OS	Rt	628	2522	78	2457	920	716	ND
EGB-05-S70_I Ib_08_3	OS	Rt	330	3574	62	3540	963	757	860
EGB-05-S70_I Ib_11_1	OS	Rt	1707	382	253	2311	2719	3141	ND
EGB-05-S70_I Ib_14_1	OS	Rt	2022	2246	65	3691	903	1767	ND
EGB-05-S70_I Ib_14_2	OS	Rt	2155	2209	25	4124	881	1779	ND
EGB-05-S70_I Ib_14_3	OS	Rt	2289	2216	83	4095	890	2051	ND
EGB-05-S70_I Ib_15_1	OS	Rt	3430	1391	125	1556	2534	901	ND
EGB-05-S70_I Ib_15_2	OS	Rt	4297	1571	78	2167	2695	1013	ND
EGB-05-S70_I Ib_15_3	OS	Rt	3908	1553	57	1814	2524	1028	ND
EGB-05-S70_I Ib_16	OS	ms	1481	3334	10	2243	684	1289	65
EGB-05-S70_I Ib_19_1	OS	Rt	2101	416	565	2942	728	112	ND
EGB-05-S70_I Ib_21	OS	Rt	2215	1060	391	5940	2189	1614	ND
EGB-05-S70_I Ib_22	OS	Rt	3281	316	285	3834	1103	1281	ND
EGB-05-S70_I Ib_23	OS	Rt	331	458	10	905	1846	318	ND
EGB-05-S70_I Ib_26	OS	Rt	366	83	48	3916	1700	2222	896
EGB-05-S70_I Ib_27	OS	Rt	2159	1041	80	2912	846	182	ND
EGB-05-S70_I Ib_28	OS	Rt	1583	408	79	3848	697	87	ND

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Analysis label	Erzgebirge unit	Phase affiliation by Raman spot analysis	Nb [ppm]	Cr [ppm]	Sn [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
EGB-05-S70_I Ib_29	OS	Rt	1510	1121	199	333	3966	1330	ND
EGB-05-S70_I Ib_30	OS	Rt	1599	435	117	4690	820	392	203
EGB-05-S70_I Ib_32	OS	Rt	1083	245	297	4414	2005	2390	ND
EGB-05-S70_I Ib_35	OS	Rt	2063	1053	124	2934	389	108	148
EGB-05-S70_I Ib_36	OS	Rt	688	119	20	2046	540	2177	829
EGB-05-S70_I Ib_37	OS	Rt	1170	374	ND	1895	1909	2784	ND
EGB-05-S70_I Ib_39	OS	Brk	862	153	141	2902	1111	196	ND
EGB-05-S70_I Ib_42	OS	Rt	3063	403	248	3328	1016	655	ND
EGB-05-S70_I Ib_44	OS	Rt	582	584	50	1288	3417	3918	ND
EGB-05-S70_I Ib_45	OS	Rt	3469	772	247	2452	1969	909	ND
EGB-05-S70_I Ib_46	OS	Rt	548	452	25	1952	2807	181	ND
EGB-05-S70_I Ib_47	OS	Rt	2922	341	298	3539	763	659	ND
EGB-05-S70_I Ib_48	OS	Brk	1772	57	131	1651	1440	269	ND

Analyses are labelled sample_internal label_crystal(_analysis no.).

ND = not detected.

Rt = rutile, ms = mixed spectrum, Ant = anatase, Brk = brookite.

OR 2: EMS analysis results of HUY, WAR and single crystal samples, combined with Raman spot analysis results.

Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
HUY-1_1_1	Ant	97.00	97.86	1494	ND	175	128	85	115	3656	275	426	14
HUY-1_1_2	Ant	98.08	98.54	2796	8	34	ND	1	ND	207	115	47	31
HUY-1_1_3	Ant	98.13	98.40	1385	ND	6	88	10	ND	263	95	121	17
HUY-1_2_1	Ant	97.83	98.24	1639	26	55	ND	10	205	666	151	9	44
HUY-1_2_2	Ant	95.94	97.34	1421	ND	77	ND	27	170	643	120	3	4863
HUY-1_2_3	Ant	99.26	99.57	1533	3	35	ND	16	26	264	97	21	163
HUY-1_4_1	Ant	97.50	98.72	1081	24	103	96	ND	1143	712	336	3	3196
HUY-1_4_2	Ant	96.72	98.38	1368	ND	146	85	20	1274	431	140	ND	5166
HUY-1_4_3	Ant	98.83	99.59	1319	ND	81	311	19	514	625	275	21	1366
HUY-1_5_1	Ant	98.83	99.47	1950	ND	20	212	42	11	1955	105	368	55
HUY-1_5_2	Ant	99.45	100.02	1496	ND	11	59	ND	406	310	21	ND	1049
HUY-1_5_3	Ant	99.53	100.06	1651	1	11	74	19	217	270	ND	18	945
HUY-1_6_1	Ant	99.34	99.94	1890	ND	247	71	26	ND	1834	23	308	29
HUY-1_6_2	Ant	96.83	98.98	4339	10	109	303	86	380	7554	475	1604	634
HUY-1_6_3	Ant	98.17	98.89	1692	7	199	351	22	102	2329	100	381	74
HUY-1_7	Ant	96.19	98.28	3132	7	86	173	117	228	10571	157	558	378
HUY-1_8_1	Ant	98.46	99.19	1868	ND	322	197	53	23	2745	ND	203	13
HUY-1_8_2	Ant	97.44	98.08	1996	7	196	289	ND	14	1646	36	369	109
HUY-1_8_3	Ant	98.14	99.03	1954	ND	397	340	16	176	2585	156	473	239
HUY-1_9_1	Ant	98.38	99.25	1171	26	264	201	22	671	969	68	ND	1782
HUY-1_9_2	Ant	98.43	99.15	857	14	225	95	ND	583	326	237	ND	1670
HUY-1_9_3	Ant	99.46	99.98	1697	17	636	157	11	148	189	303	12	289
HUY-1_11	Ant	99.69	100.12	1460	ND	26	178	22	6	791	16	595	67
HUY-1_12_1	Ant	95.01	98.73	4188	42	43	516	63	712	17412	771	1993	1304
HUY-1_12_2	Ant	98.76	99.44	1871	1	228	297	ND	20	2298	65	252	34
HUY-1_12_3	Ant	95.54	98.65	3684	21	51	396	74	461	15702	741	1165	705
HUY-1_13	Ant	95.01	98.06	4282	29	116	381	32	646	12748	690	1412	1468
HUY-1_14_1	Ant	95.35	97.99	3921	22	87	279	131	450	12515	604	681	596
HUY-1_14_2	Ant	96.84	99.23	3702	5	99	150	139	64	13059	122	549	96
HUY-1_14_3	Ant	96.68	98.62	4078	14	68	285	49	325	5926	666	2068	484
HUY-1_15_1	Ant	98.81	99.60	1856	12	244	360	35	153	2025	130	614	245
HUY-1_15_2	Ant	99.68	100.52	1629	3	212	427	33	138	2886	94	614	170

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
HUY-1_15_3	Ant	98.63	99.53	1555	18	118	477	38	239	1581	377	1639	309
HUY-1_16	Ant	98.93	99.76	863	ND	658	722	31	53	2666	557	583	23
HUY-1_17	Ant	99.48	100.37	1986	18	213	494	23	220	2548	160	461	218
HUY-1_18	Ant	100.43	101.24	1897	ND	71	534	47	103	2718	147	415	67
HUY-1_19	Ant	98.82	99.49	1924	22	138	218	16	ND	1541	96	895	60
HUY-1_20	Ant	99.06	99.73	1546	29	135	407	52	119	1855	74	392	270
HUY-1_22	Ant	98.32	99.34	2269	ND	130	173	79	38	4589	47	296	4
HUY-1_23	Ant	96.18	98.08	1620	16	44	1084	ND	1789	791	ND	47	5046
HUY-1_24	Ant	99.31	100.06	1829	ND	220	216	68	99	2437	66	325	199
HUY-1_25	Ant	99.78	100.26	1369	ND	501	120	ND	ND	1209	34	225	52
HUY-1_26	Ant	98.16	99.60	2843	14	90	293	72	219	5359	247	751	471
HUY-1_28	Ant	99.11	99.88	1845	ND	178	329	20	110	2322	126	491	168
HUY-1_29	Ant	100.52	100.80	1406	ND	44	69	25	ND	344	82	39	31
HUY-1_30	Ant	99.52	100.29	651	ND	29	ND	23	2258	792	49	ND	661
HUY-1_32	Ant	98.19	99.41	2779	ND	60	264	23	124	2910	262	2054	284
HUY-1_33	Ant	99.03	100.18	5698	ND	26	ND	410	ND	2049	143	21	ND
HUY-1_34	Ant	99.51	100.42	2020	ND	192	358	25	56	2526	129	1298	108
HUY-1_35	Ant	94.13	97.40	6561	71	120	293	65	748	10183	533	3047	1494
HUY-1_36	Ant	99.97	100.70	2222	ND	244	356	ND	15	2274	79	169	23
HUY-1_37	Ant	98.92	100.15	218	18	102	4175	72	1229	1007	988	90	582
HUY-1_38	Ant	97.90	99.51	2714	ND	12	5318	54	542	1424	30	65	1170
HUY_III_1_1	Rt	98.06	99.21	993	ND	647	ND	115	141	1256	3467	1510	ND
HUY_III_1_2	Rt	96.88	97.92	721	ND	648	ND	145	43	1154	3374	1312	4
HUY_III_1_3	Rt	98.04	99.14	869	ND	626	ND	154	76	1133	3407	1478	ND
HUY_III_2_1	Rt	96.11	97.54	2275	ND	1534	704	195	140	1269	2939	1038	8
HUY_III_2_2	Rt	96.78	98.15	1920	ND	1517	810	144	211	1185	2901	989	ND
HUY_III_2_3	Rt	97.19	98.33	1438	ND	1379	369	178	76	1106	2729	794	4
HUY_III_4_1	Rt	100.58	101.39	196	ND	1416	ND	55	106	333	3028	463	ND
HUY_III_4_2	Rt	101.78	102.56	237	ND	1351	ND	55	46	309	2981	386	1
HUY_III_4_3	Rt	100.59	101.37	236	ND	1262	ND	109	80	333	2965	367	9
HUY_III_5_1	Rt	99.66	100.62	795	ND	544	52	46	88	3528	1538	368	ND
HUY_III_5_2	Rt	99.81	100.76	861	ND	545	ND	19	92	3654	1460	326	1
HUY_III_5_3	Rt	100.09	101.10	844	ND	493	308	27	83	3839	1525	319	ND

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
HUY_III_6_1	Rt	102.33	102.93	244	ND	163	ND	19	215	2831	495	439	ND
HUY_III_6_2	Rt	101.66	102.25	222	ND	178	ND	46	89	2846	528	434	ND
HUY_III_6_3	Rt	101.92	102.50	235	ND	178	ND	16	142	2859	446	432	ND
HUY_III_9_1	Rt	99.36	100.51	3347	ND	546	3	255	491	1872	971	641	8
HUY_III_9_2	Rt	98.19	99.34	3129	ND	531	ND	227	616	1887	1016	609	ND
HUY_III_9_3	Rt	98.57	99.66	2933	ND	515	ND	222	552	1803	999	632	ND
HUY_III_10_1	Rt	96.27	97.07	1713	ND	378	87	500	476	1300	1074	21	ND
HUY_III_10_2	Rt	96.70	97.60	1871	ND	304	259	799	563	1468	1033	50	ND
HUY_III_10_3	Rt	97.66	98.56	1936	ND	437	108	750	584	1438	1019	68	14
HUY_III_11_1	Rt	98.62	99.10	326	ND	333	ND	121	80	1024	1321	ND	93
HUY_III_11_2	Rt	97.22	98.15	1928	ND	133	ND	109	251	3496	725	30	66
HUY_III_11_3	Rt	97.35	97.84	549	ND	217	ND	177	188	966	966	ND	254
HUY_III_12_1	Rt	98.83	99.42	24	ND	900	ND	ND	85	1252	1576	313	8
HUY_III_12_2	Rt	98.54	99.12	ND	ND	866	ND	32	86	1303	1543	245	ND
HUY_III_12_3	Rt	98.47	99.06	24	ND	920	ND	32	66	1307	1562	207	22
HUY_III_13_1	Rt	98.02	99.98	3296	ND	2313	347	106	434	793	4693	1065	347
HUY_III_13_2	Rt	98.38	100.23	3388	ND	2289	282	155	224	773	4694	1068	ND
HUY_III_13_3	Rt	97.86	99.72	3367	ND	2274	452	124	222	843	4670	1017	3
HUY_III_15	Rt	100.08	101.89	2867	ND	1706	350	1153	54	4039	2111	862	5
HUY_III_16	Rt	98.99	100.24	2068	ND	1278	291	126	115	985	3034	900	8
HUY_III_17	Rt	98.69	99.49	1272	ND	417	ND	144	44	1604	1870	352	13
HUY_III_18	Rt	97.60	99.04	2066	ND	784	85	143	130	1377	3416	2159	ND
HUY_III_26	Rt	98.17	100.72	4839	ND	1259	ND	47	899	5873	3896	1043	117
HUY_III_28	Rt	97.13	99.27	4800	ND	897	2518	916	723	2885	1973	677	ND
HUY_III_31	Rt	100.50	102.12	4612	ND	383	946	190	265	3086	1319	886	ND
HUY_III_32	Rt	95.93	97.27	603	ND	1538	ND	42	103	270	5993	668	ND
HUY_III_33	Rt	97.97	99.25	452	ND	1470	ND	6	68	236	5723	854	ND
HUY_III_35	Rt	96.31	97.74	786	ND	2633	ND	87	88	424	4902	917	23
HUY_III_37	Rt	99.35	100.35	1772	ND	443	ND	64	78	1169	1846	1706	25
HUY_III_38	Rt	98.77	100.48	2087	ND	949	22	28	105	938	4671	3231	ND
HUY_III_40	Rt	100.00	101.19	1896	ND	666	ND	158	267	1705	1315	2559	ND
HUY_III_42	Rt	98.65	100.27	3680	ND	1325	806	171	107	1913	2699	819	ND
HUY_III_43	Rt	98.31	99.40	1200	ND	1592	ND	61	225	219	3409	729	ND

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
HUY_III_44	Rt	99.97	101.64	1772	ND	1466	ND	65	48	762	5237	2351	ND
HUY_III_45	Rt	97.04	97.78	115	ND	1155	ND	1	108	972	2431	335	2
HUY_III_49	Rt	100.58	102.16	1808	ND	792	43	51	50	1157	4084	3236	ND
HUY_III_51	Rt	101.61	102.49	1340	ND	490	ND	513	44	1350	2250	212	14
HUY_III_52	Rt	96.91	98.74	2431	ND	399	257	113	195	4121	2003	3873	ND
HUY_III_72_Rt_1	Ant	99.56	100.22	1775	ND	136	42	15	25	2381	130	362	11
HUY_III_72_Rt_2	Ant	98.78	99.62	2157	ND	196	ND	37	2	3619	127	124	27
HUY_III_72_Rt_3	Ant	98.94	99.64	1808	ND	148	ND	57	69	2710	110	316	9
HUY_III_72_Ana_1	Rt	100.02	101.09	2217	ND	519	335	229	515	2154	1018	570	9
HUY_III_72_Ana_2	Rt	100.22	101.23	2310	ND	519	ND	233	341	2286	992	495	19
HUY_III_72_Ana_3	Rt	100.01	101.04	2232	ND	607	ND	212	342	2445	1013	438	19
WAR-9_1_1	Ant	98.11	98.97	1474	1	68	135	ND	25	4330	42	387	93
WAR-9_1_2	Ant	98.37	99.33	926	49	75	ND	32	1173	650	256	962	1536
WAR-9_3_1	Ant	98.41	99.52	3070	ND	211	1323	1158	123	807	105	873	292
WAR-9_3_2	Ant	99.39	100.01	2744	4	289	128	157	ND	422	65	504	157
WAR-9_4_1	Ant	99.38	100.76	2045	17	957	ND	47	754	1972	1656	21	1355
WAR-9_4_2	Ant	99.79	100.87	1639	ND	789	32	45	732	519	2455	ND	747
WAR-9_4_3	Ant	97.63	99.24	2291	63	928	49	10	1109	898	1758	9	2573
WAR-9_6_1	Ant	95.04	96.77	1663	77	65	250	1	592	6821	411	1180	1072
WAR-9_6_2	Ant	98.19	98.89	1640	ND	11	404	575	141	615	159	154	866
WAR-9_6_3	Ant	97.53	98.22	1724	3	68	480	543	92	644	271	178	685
WAR-9_7_1	Ant	96.41	98.10	2327	241	68	35	3	1318	3463	75	296	2614
WAR-9_7_2	Ant	97.99	98.62	1413	18	68	59	36	ND	2925	88	153	ND
WAR-9_7_3	Ant	98.44	99.34	2013	ND	57	122	35	ND	4308	101	107	25
WAR-9_8_1	Ant	97.33	98.17	1885	ND	51	1048	3	228	1084	134	187	955
WAR-9_8_2	Ant	97.82	98.84	4741	ND	12	1307	ND	73	439	104	261	281
WAR-9_10	Ant	97.79	99.07	1489	28	702	2978	13	789	562	386	68	1406
WAR-9_12_1	Rt	98.65	99.56	1916	1	707	63	80	ND	1915	1635	84	65
WAR-9_12_2	Rt	98.54	99.33	1316	ND	726	ND	67	ND	1665	1596	73	162
WAR-9_12_3	Rt	98.58	99.53	2050	10	762	25	122	1	1841	1642	121	153
WAR-9_15_1	Ant	95.86	97.19	739	58	223	5	3	435	4285	485	1781	1087
WAR-9_15_2	Ant	98.92	99.44	1307	7	142	122	25	41	1309	93	340	294
WAR-9_17_1	Ant	98.84	99.83	1868	ND	26	511	22	ND	4724	69	127	138

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
WAR-9_17_2	Ant	97.52	98.27	1358	14	35	ND	ND	501	403	288	ND	1707
WAR-9_17_3	Ant	96.70	97.75	1814	7	56	ND	12	614	777	243	65	2426
WAR-9_18	Ant	99.13	99.79	1481	ND	6	29	7	ND	1974	68	481	600
WAR-9_26	Ant	98.34	98.57	819	ND	3	26	1	ND	215	55	321	206
WAR-9_27_1	Rt	99.25	100.11	277	ND	119	ND	23	27	2849	1785	1176	32
WAR-9_27_2	Rt	99.25	100.18	215	ND	166	ND	39	33	3478	1781	1168	4
WAR-9_27_3	Rt	99.17	100.08	289	9	138	ND	61	55	3185	1744	1136	6
WAR-9_28	Ant	98.93	99.57	806	ND	68	661	26	589	1041	908	15	223
WAR-9_29	Ant	95.84	98.14	6707	20	57	54	ND	1408	2472	152	44	3251
WAR-9_30	Rt	98.69	99.50	954	ND	799	403	145	108	892	1841	434	128
WAR-9_31	Ant	97.99	99.05	649	118	14	ND	ND	968	2710	73	206	1793
WAR-9_33	Ant	97.69	98.69	2178	8	194	ND	71	1003	721	504	184	1263
WAR-9_34	Ant	95.16	97.55	1755	29	96	73	19	334	12981	27	1105	1059
WAR-9_35	Rt	97.57	98.42	749	72	206	ND	84	5	3487	1288	160	153
WAR-9_36	Ant	93.68	97.49	2492	5	294	403	33	218	20676	551	2807	897
WAR-9_39	Ant	97.49	98.99	521	150	17	307	35	2510	1156	71	18	3423
WAR-9_40	Ant	95.08	97.82	3595	24	64	830	4199	1876	1999	166	316	4113
WAR-9_41	Ant	99.52	99.99	1304	ND	120	226	121	64	514	617	353	22
WAR-9_42	Ant	96.83	98.79	1404	100	351	59	ND	1015	4602	302	1847	2842
WAR-9_43	Ant	98.66	99.41	3471	66	72	30	19	109	848	196	36	276
WAR-9_44	Ant	90.04	91.75	875	243	6	56	ND	2344	1247	ND	886	3786
WAR-9_46	Ant	98.43	98.81	993	ND	104	144	28	ND	1000	38	532	48
WAR-9_48	Ant	80.99	93.03	5883	569	2117	1098	478	4868	2936	25	3120	41228
WAR-9_50	Ant	98.30	99.29	2078	35	3	121	39	182	2823	4	1336	402
WAR9_II_3_1	Rt	98.45	99.50	1557	ND	1285	256	124	136	639	2467	810	52
WAR9_II_3_2	Rt	96.91	97.92	1481	ND	1316	ND	141	153	585	2496	822	46
WAR9_II_3_3	Rt	97.86	98.88	1517	ND	1288	33	125	162	637	2545	757	26
WAR9_II_4_1	Rt	99.81	101.33	935	ND	1805	24	65	62	396	5315	1910	16
WAR9_II_4_2	Rt	98.96	100.47	850	ND	1882	6	36	82	347	5296	1926	14
WAR9_II_4_3	Rt	99.20	100.75	914	ND	1841	ND	39	125	567	5355	1920	ND
WAR9_II_5_1	Rt	100.63	102.10	2204	ND	720	273	101	59	1876	2850	2442	ND
WAR9_II_5_2	Rt	100.25	101.73	2233	ND	732	304	117	36	1883	2907	2396	ND
WAR9_II_5_3	Rt	99.90	101.37	2240	ND	729	350	88	52	1880	2816	2382	ND

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
WAR9_II_6	Rt	98.86	100.55	1880	ND	1370	60	69	200	319	5790	1968	ND
WAR9_II_7	Rt	96.09	97.43	2549	ND	469	228	65	255	1145	2638	2087	ND
WAR9_II_12_1	Rt	99.94	100.78	698	ND	720	ND	12	18	4096	640	68	ND
WAR9_II_12_2	Rt	100.07	100.81	678	ND	807	ND	20	37	3349	558	62	ND
WAR9_II_12_3	Rt	100.61	101.40	552	ND	825	ND	17	29	3798	591	62	ND
WAR9_II_13	Rt	96.06	97.69	2696	ND	1600	316	246	209	1712	3659	1076	16
WAR9_II_16_1	Rt	91.10	96.25	20901	ND	1273	1013	255	1000	9744	1946	601	40
WAR9_II_16_2	Rt	90.63	95.91	21531	ND	1281	1032	271	956	9940	1975	686	52
WAR9_II_16_3	Rt	91.00	95.97	20063	ND	1195	896	236	987	9362	1947	623	43
WAR9_II_20_1	Rt	98.58	100.33	1209	ND	2356	ND	10	19	196	5219	3177	ND
WAR9_II_20_2	Rt	98.69	100.46	1209	ND	2369	ND	42	34	208	5286	3164	16
WAR9_II_20_3	Rt	98.98	100.76	1207	ND	2395	ND	23	22	231	5373	3183	16
WAR9_II_22_1	Rt	96.32	97.08	223	ND	417	1801	39	111	1081	1723	133	12
WAR9_II_22_2	Rt	97.30	97.95	454	ND	598	848	15	103	756	1715	132	12
WAR9_II_22_3	Rt	96.43	97.16	326	ND	361	1328	31	101	1126	1877	135	15
WAR9_II_26_1	Rt	98.56	100.73	1692	ND	928	255	138	154	712	3406	8040	149
WAR9_II_26_2	Rt	98.64	101.13	1739	ND	905	314	117	62	3443	3569	7954	ND
WAR9_II_26_3	Rt	98.39	100.51	1720	ND	898	360	156	79	480	3584	7933	ND
WAR9_II_28_1	Rt	95.82	97.59	2040	ND	1590	ND	9	65	250	5144	3257	8
WAR9_II_28_2	Rt	95.47	97.23	2027	ND	1652	ND	26	13	220	5137	3185	25
WAR9_II_28_3	Rt	96.16	97.88	1924	ND	1606	ND	37	16	151	5148	3122	26
WAR9_II_35_1	Rt	99.00	100.75	1065	ND	2838	236	89	4	183	6994	666	ND
WAR9_II_35_2	Rt	98.80	100.52	1012	ND	2828	143	152	21	170	6912	587	10
WAR9_II_35_3	Rt	97.58	99.29	948	ND	2602	232	150	13	176	6965	650	ND
WAR9_II_36	Rt	95.75	97.56	3515	ND	2051	940	355	129	906	3954	860	ND
WAR9_II_37	Rt	100.37	101.39	2067	ND	502	136	213	229	1622	1602	848	39
WAR9_II_38	Rt	98.74	100.60	3708	ND	1693	ND	111	70	1154	5425	804	ND
WAR9_II_39	Rt	96.19	97.52	470	ND	930	ND	22	7	2510	1141	3049	1023
WAR9_II_40	Rt	99.08	100.22	1883	ND	1520	806	280	184	836	2108	381	13
WAR9_II_41	Rt	101.12	102.19	357	ND	1909	106	230	23	188	3805	780	ND
WAR9_II_42	Rt	100.76	101.90	1774	ND	889	ND	28	123	569	3572	1019	1
WAR9_II_43	Rt	100.24	100.84	324	ND	812	ND	65	ND	104	1471	1496	1
WAR9_II_44	Rt	96.83	98.19	2447	ND	828	134	270	250	1233	2301	2157	ND

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
WAR9_IL_46	Rt	95.77	97.78	1049	ND	3709	ND	78	6	385	7242	1435	ND
WAR9_IL_47	Rt	99.37	100.71	2750	ND	1238	22	22	119	859	3520	817	ND
WAR9_IL_48	Rt	98.95	100.07	1603	ND	579	51	22	255	477	2366	2536	ND
WAR9_IL_49	Rt	98.25	99.45	1773	ND	1108	29	487	533	1319	2045	1072	9
WAR9_IL_50	Rt	96.44	97.22	1111	ND	834	ND	29	44	1512	1821	181	26
WAR9_IL_51	Rt	97.82	98.49	193	ND	95	ND	48	129	2561	1599	242	19
WAR9_IL_52	Rt	100.39	101.60	3855	ND	974	ND	86	159	2419	1008	106	ND
WAR9_IL_56	Rt	98.07	99.69	3019	ND	1088	910	92	482	2111	2517	1224	2
GZG.MIN.4.4.36.6_1	Brk	95.27	99.75	25026	ND	90	45	17	ND	5334	1266	53	22
GZG.MIN.4.4.36.6_2	Brk	95.78	99.34	20832	ND	41	159	ND	ND	3000	1056	33	49
GZG.MIN.4.4.36.6_3	Brk	95.75	99.27	19433	ND	53	133	3	ND	3932	1365	ND	55
GZG.MIN.4.4.36.6_4	Brk	95.54	99.15	20901	ND	73	121	ND	ND	3392	1010	21	13
GZG.MIN.4.4.36.6_5	Brk	96.60	100.14	20412	1	65	61	6	ND	3520	989	39	15
GZG.MIN.4.4.36.6_6	Brk	95.45	99.71	19853	7	77	418	10	ND	5197	4505	198	ND
GZG.MIN.4.4.36.6_7	Brk	94.48	98.98	20901	ND	77	266	20	ND	8700	2168	27	120
GZG.MIN.4.4.36.6_8	Brk	95.67	99.75	23208	ND	60	26	12	ND	4260	1273	27	ND
GZG.MIN.4.4.36.6_9	Brk	96.02	99.65	20762	ND	41	140	26	ND	3663	1098	9	3
GZG.MIN.4.4.36.6_10	Brk	94.84	99.35	19364	ND	185	3754	222	ND	4419	4229	18	57
GZG.MIN.4.4.36.22_1	Rt	100.38	101.09	1202	ND	101	13	44	102	3821	88	30	ND
GZG.MIN.4.4.36.22_2	Rt	100.35	101.23	1448	ND	91	51	26	115	4764	119	24	27
GZG.MIN.4.4.36.22_3	Rt	99.81	100.75	1163	ND	86	ND	52	159	5281	309	41	2
GZG.MIN.4.4.36.22_4	Rt	99.71	100.74	1191	ND	75	22	58	174	5845	284	30	46
GZG.MIN.4.4.36.22_5	Rt	99.15	100.17	1146	ND	79	46	32	171	5875	292	47	18
GZG.MIN.4.4.36.22_6	Rt	99.26	100.59	2808	ND	750	ND	25	123	4447	1452	12	19
GZG.MIN.4.4.36.22_7	Rt	100.56	101.25	1202	21	120	ND	15	69	3702	100	18	41
GZG.MIN.4.4.36.22_8	Rt	99.20	100.15	1170	ND	63	51	16	171	5321	274	48	ND
GZG.MIN.4.4.36.22_9	Rt	99.47	100.58	1215	ND	60	ND	45	243	6412	314	59	ND
GZG.MIN.4.4.36.22_10	Rt	98.83	99.92	1251	ND	64	ND	58	191	6037	446	50	38
GZG.MIN.4.4.36.30_1	Rt	98.73	99.70	1931	ND	638	179	128	597	2013	1165	113	12
GZG.MIN.4.4.36.30_2	Rt	98.02	99.04	2009	5	587	163	128	649	2181	1239	128	33
GZG.MIN.4.4.36.30_3	Rt	98.31	99.31	1990	1	596	160	90	680	2198	1174	121	4
GZG.MIN.4.4.36.30_4	Rt	98.20	99.26	2110	ND	559	132	126	700	2346	1256	134	44
GZG.MIN.4.4.36.30_5	Rt	99.10	100.10	1919	ND	554	88	103	717	2323	1124	95	ND

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
GZG.MIN.4.4.36.30_6	Rt	98.14	99.05	1906	ND	589	81	146	484	1931	1180	94	ND
GZG.MIN.4.4.36.30_7	Rt	98.12	99.10	2006	26	586	165	111	578	2011	1230	115	5
GZG.MIN.4.4.36.30_8	Rt	97.58	98.59	2033	ND	582	126	138	656	2192	1236	107	ND
GZG.MIN.4.4.36.30_9	Rt	97.97	99.02	2123	ND	603	152	123	692	2271	1258	80	22
GZG.MIN.4.4.36.30_10	Rt	98.79	99.78	1970	8	626	147	121	650	2190	1164	68	12
GZG.MIN.4.4.36.116_1	Rt	4.51	88.18	41873	ND	439	1270	ND	ND	13836	7893	3	119
GZG.MIN.4.4.36.116_2	Rt	4.45	88.62	12303	1	1123	37	67	ND	9981	4406	30	27
GZG.MIN.4.4.36.116_3	Rt	4.36	88.80	50821	5	226	544	36	71	24874	4976	ND	273
GZG.MIN.4.4.36.116_4	Rt	4.49	89.45	19294	41	675	216	164	138	8670	9808	ND	1215
GZG.MIN.4.4.36.116_5	Rt	4.26	89.35	24397	3	309	419	124	ND	6225	6588	162	379
GZG.MIN.4.4.36.116_6	Rt	4.58	89.14	6347	3	83	ND	9	ND	2252	111	76	28
GZG.MIN.4.4.36.116_7	Rt	4.52	89.43	35372	9	341	ND	25	ND	20366	3941	47	8
GZG.MIN.4.4.36.116_8	Rt	4.44	88.88	49562	ND	855	813	281	1	14769	9956	ND	ND
GZG.MIN.4.4.36.116_9	Rt	4.57	88.97	31387	ND	594	105	123	ND	15624	6813	106	94
GZG.MIN.4.4.36.116_10	Rt	4.38	88.62	25725	9	337	435	402	ND	9798	7411	443	90
GZG.MIN.4.4.36.141_1	Rt	97.62	98.58	2618	5	493	130	81	37	2445	1033	98	ND
GZG.MIN.4.4.36.141_2	Rt	98.51	99.67	2547	ND	529	96	64	144	3953	963	65	70
GZG.MIN.4.4.36.141_3	Rt	98.88	100.04	2708	ND	489	63	42	105	3931	1022	51	17
GZG.MIN.4.4.36.141_4	Rt	97.10	98.20	2597	ND	420	19	55	59	3767	1060	60	26
GZG.MIN.4.4.36.141_5	Rt	98.22	99.23	2601	ND	736	100	54	39	2682	998	60	17
GZG.MIN.4.4.36.141_6	Rt	98.25	99.38	2515	ND	556	124	54	124	3759	978	62	12
GZG.MIN.4.4.36.141_7	Rt	97.64	98.79	2559	ND	533	63	47	85	3937	1024	90	21
GZG.MIN.4.4.36.141_8	Rt	98.13	99.16	2709	ND	502	163	72	231	2742	903	81	10
GZG.MIN.4.4.36.141_9	Rt	98.13	99.23	2442	ND	491	59	61	77	3806	941	83	21
GZG.MIN.4.4.36.141_10	Rt	97.95	98.94	2777	ND	872	83	68	51	2243	886	88	43
GZG.MIN.4.4.36.145_1	Rt	98.87	100.01	215	3	873	57	139	11	6976	378	33	6
GZG.MIN.4.4.36.145_2	Rt	98.69	99.88	158	ND	607	ND	135	84	7525	438	65	16
GZG.MIN.4.4.36.145_3	Rt	99.09	100.30	206	ND	668	ND	108	66	7695	442	54	ND
GZG.MIN.4.4.36.145_4	Rt	99.97	101.15	228	1	543	42	93	47	7648	373	56	ND
GZG.MIN.4.4.36.145_5	Rt	99.70	100.74	247	ND	723	63	91	47	6278	300	96	8
GZG.MIN.4.4.36.145_6	Rt	98.38	99.61	193	ND	547	69	114	57	7844	452	73	39
GZG.MIN.4.4.36.145_7	Rt	99.08	100.26	201	ND	630	ND	91	95	7423	397	42	33
GZG.MIN.4.4.36.145_8	Rt	99.35	100.54	187	ND	502	ND	98	15	7700	402	91	30

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
GZG.MIN.4.4.36.145_9	Rt	98.68	99.88	194	ND	604	69	110	44	7652	404	51	7
GZG.MIN.4.4.36.145_10	Rt	98.66	99.84	189	ND	556	ND	78	20	7654	424	45	ND
GZG.MIN.4.4.36.153_1	Rt	99.68	100.61	1788	ND	320	142	65	35	3832	639	47	4
GZG.MIN.4.4.36.153_2	Rt	99.06	100.14	1782	ND	323	142	69	11	4946	712	50	ND
GZG.MIN.4.4.36.153_3	Rt	99.85	100.82	1804	30	330	138	61	7	3936	675	74	64
GZG.MIN.4.4.36.153_4	Rt	98.35	99.45	1888	ND	357	105	33	1209	3102	817	76	22
GZG.MIN.4.4.36.153_5	Rt	98.75	99.67	1955	11	352	105	66	231	3144	769	60	ND
GZG.MIN.4.4.36.153_6	Rt	99.79	100.82	1760	ND	341	183	108	36	4568	572	73	10
GZG.MIN.4.4.36.153_7	Rt	100.02	101.05	1847	ND	364	104	48	26	4564	623	74	8
GZG.MIN.4.4.36.153_8	Rt	99.55	100.48	1838	7	363	91	65	27	3710	634	63	30
GZG.MIN.4.4.36.153_9	Rt	99.98	100.89	1895	7	329	132	69	191	3290	621	60	23
GZG.MIN.4.4.36.153_10	Rt	100.55	101.61	2056	1	354	146	47	26	4495	601	56	50
GZG.MIN.4.4.36.165_1	Rt	79.62	84.75	3963	81	251	195	169	1678	26895	100	60	2833
GZG.MIN.4.4.36.165_2	Rt	97.61	99.18	5012	ND	340	244	117	101	4821	682	88	23
GZG.MIN.4.4.36.165_3	Rt	98.55	99.94	4428	ND	348	240	133	78	4208	522	126	26
GZG.MIN.4.4.36.165_4	Rt	99.16	100.68	4830	4	360	270	139	86	4697	598	96	11
GZG.MIN.4.4.36.165_5	Rt	98.24	99.86	5332	ND	326	403	161	103	4812	577	116	ND
GZG.MIN.4.4.36.165_6	Rt	97.94	99.41	4684	ND	465	435	194	77	4154	525	99	31
GZG.MIN.4.4.36.165_7	Rt	98.84	100.08	3588	1	395	232	129	84	3970	516	108	41
GZG.MIN.4.4.36.165_8	Rt	99.09	100.54	4715	ND	363	350	150	86	4332	505	118	ND
GZG.MIN.4.4.36.165_9	Rt	98.35	99.61	3650	64	419	193	154	68	3970	504	111	68
GZG.MIN.4.4.36.165_10	Rt	98.39	99.57	3520	ND	398	182	173	59	3746	483	98	ND
GZG.MIN.4.4.71.14_1	Ant	99.92	100.06	542	ND	15	ND	ND	ND	224	109	9	96
GZG.MIN.4.4.71.14_2	Ant	98.70	98.99	1310	ND	17	ND	57	ND	449	161	15	31
GZG.MIN.4.4.71.14_3	Ant	99.66	100.01	1657	ND	15	ND	93	ND	534	162	3	30
GZG.MIN.4.4.71.14_4	Ant	99.40	99.61	830	ND	23	ND	35	ND	395	150	30	17
GZG.MIN.4.4.71.14_5	Ant	100.57	100.92	1766	ND	6	ND	98	ND	522	114	ND	55
GZG.MIN.4.4.71.14_6	Ant	99.93	100.22	1345	ND	ND	ND	90	ND	473	116	6	64
GZG.MIN.4.4.71.14_7	Ant	99.05	99.29	874	ND	32	ND	86	ND	508	199	15	9
GZG.MIN.4.4.71.14_8	Ant	99.44	99.72	1034	ND	38	27	53	ND	665	177	36	28
GZG.MIN.4.4.71.14_9	Ant	99.21	99.43	1009	ND	26	16	29	ND	355	134	18	16
GZG.MIN.4.4.71.14_10	Ant	99.55	99.81	981	ND	17	ND	51	ND	614	165	27	40
GZG.MIN.4.4.71.29_1	Ant	99.87	100.07	1237	ND	ND	19	6	ND	149	65	ND	14

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
GZG.MIN.4.4.71.29_2	Ant	100.11	100.33	1237	ND	12	8	32	ND	197	35	18	33
GZG.MIN.4.4.71.29_3	Ant	100.30	100.52	1220	ND	ND	ND	ND	ND	240	58	3	28
GZG.MIN.4.4.71.29_4	Ant	99.73	99.97	1290	ND	ND	11	ND	ND	347	32	ND	41
GZG.MIN.4.4.71.29_5	Ant	99.85	100.11	1235	ND	12	ND	ND	ND	528	16	6	30
GZG.MIN.4.4.71.29_6	Ant	99.37	99.56	1160	ND	9	ND	16	ND	124	36	ND	19
GZG.MIN.4.4.71.29_7	Ant	100.27	100.47	1202	ND	ND	ND	12	ND	187	42	ND	35
GZG.MIN.4.4.71.29_8	Ant	99.99	100.18	1172	ND	ND	19	19	ND	159	32	ND	ND
GZG.MIN.4.4.71.29_9	Ant	100.23	100.44	1210	ND	11	6	6	ND	275	ND	ND	3
GZG.MIN.4.4.71.29_10	Ant	99.64	99.92	1301	4	ND	59	17	ND	578	53	3	1
GZG.MIN.4.4.71.44_1	Ant	98.51	99.21	630	ND	ND	52	11	ND	4672	45	50	5
GZG.MIN.4.4.71.44_2	Ant	99.52	99.99	476	ND	ND	ND	ND	ND	3113	39	ND	28
GZG.MIN.4.4.71.44_3	Ant	99.21	99.84	535	ND	ND	ND	14	ND	4164	35	ND	79
GZG.MIN.4.4.71.44_4	Ant	99.72	100.37	658	ND	3	22	ND	ND	4236	7	20	25
GZG.MIN.4.4.71.44_5	Ant	99.24	100.31	348	ND	6	ND	ND	ND	7895	26	12	9
GZG.MIN.4.4.71.44_6	Ant	100.15	100.57	720	ND	3	61	19	ND	2405	32	12	10
GZG.MIN.4.4.71.44_7	Ant	99.18	99.75	952	ND	14	142	ND	ND	3092	35	15	56
GZG.MIN.4.4.71.44_8	Ant	98.43	99.07	568	ND	3	82	ND	ND	4157	27	ND	57
GZG.MIN.4.4.71.44_9	Ant	99.10	99.81	873	ND	ND	112	9	ND	4375	36	18	30
GZG.MIN.4.4.71.44_10	Ant	97.84	98.77	595	ND	ND	485	ND	ND	6060	6	ND	52
GZG.MIN.4.4.71.69_1	Ant	100.22	100.72	609	ND	29	ND	ND	ND	2988	16	172	17
GZG.MIN.4.4.71.69_2	Ant	101.45	101.94	661	ND	14	14	33	ND	2861	23	184	11
GZG.MIN.4.4.71.69_3	Ant	100.13	100.59	622	1	20	ND	ND	ND	2662	22	146	4
GZG.MIN.4.4.71.69_4	Ant	100.44	100.84	1022	9	9	51	ND	ND	1766	33	155	ND
GZG.MIN.4.4.71.69_5	Ant	99.39	99.75	422	ND	17	ND	ND	ND	2204	21	33	6
GZG.MIN.4.4.71.69_6	Ant	98.51	99.17	826	4	ND	ND	19	ND	4094	28	36	1
GZG.MIN.4.4.71.69_7	Ant	100.26	100.71	572	3	ND	ND	13	ND	2738	22	144	5
GZG.MIN.4.4.71.69_8	Ant	99.50	99.92	533	ND	ND	ND	ND	ND	2518	35	135	13
GZG.MIN.4.4.71.69_9	Ant	100.31	100.68	440	ND	ND	ND	7	ND	2289	18	38	14
GZG.MIN.4.4.71.69_10	Ant	99.98	100.38	529	ND	ND	ND	14	ND	2428	35	36	ND
GZG.MIN.4.4.71.79_1	Ant	100.20	100.45	90	ND	151	8	10	ND	1636	47	6	ND
GZG.MIN.4.4.71.79_2	Ant	100.30	100.55	86	ND	244	ND	20	ND	1551	29	33	ND
GZG.MIN.4.4.71.79_3	Ant	101.27	101.41	58	1	32	8	13	ND	909	38	ND	21
GZG.MIN.4.4.71.79_4	Ant	100.31	100.57	119	ND	147	ND	26	ND	1607	58	9	17

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
GZG.MIN.4.4.71.79_5	Ant	100.54	100.56	ND	8	ND	ND	ND	ND	138	31	21	11
GZG.MIN.4.4.71.79_6	Ant	100.65	100.77	141	ND	ND	102	30	ND	525	28	12	55
GZG.MIN.4.4.71.79_7	Ant	99.97	100.23	130	ND	156	ND	9	ND	1624	33	18	5
GZG.MIN.4.4.71.79_8	Ant	100.40	100.65	53	ND	203	ND	32	ND	1593	29	47	ND
GZG.MIN.4.4.71.79_9	Ant	100.33	100.58	72	ND	200	ND	51	ND	1541	44	33	ND
GZG.MIN.4.4.71.79_10	Ant	99.00	99.26	130	ND	148	ND	23	ND	1646	39	27	16
GZG.MIN.4.4.71.94_1	Ant	99.35	100.35	5771	ND	ND	213	ND	10	904	4	95	113
GZG.MIN.4.4.71.94_2	Ant	98.46	100.17	7892	8	6	723	19	ND	3351	2	254	66
GZG.MIN.4.4.71.94_3	Ant	99.30	100.29	5114	ND	ND	204	28	ND	1569	ND	187	20
GZG.MIN.4.4.71.94_4	Ant	99.04	100.74	7873	ND	17	792	17	ND	3074	8	261	170
GZG.MIN.4.4.71.94_5	Ant	98.96	100.25	6036	ND	3	1153	ND	10	1372	ND	349	258
GZG.MIN.4.4.71.94_6	Ant	98.27	99.87	6841	ND	6	1234	10	ND	2798	11	288	274
GZG.MIN.4.4.71.94_7	Ant	98.10	99.69	6108	ND	6	2206	4	65	1945	6	434	563
GZG.MIN.4.4.71.94_8	Ant	98.11	99.93	8842	ND	3	579	32	ND	3382	5	263	23
GZG.MIN.4.4.71.94_9	Ant	98.45	100.20	8826	ND	3	430	48	ND	3034	5	268	15
GZG.MIN.4.4.71.94_10	Ant	98.81	100.48	8298	ND	ND	ND	9	ND	3591	ND	108	26
GZG.MIN.4.4.79.29_1	Brk	98.75	99.12	842	ND	6	ND	ND	27	1594	161	52	34
GZG.MIN.4.4.79.29_2	Brk	99.20	99.80	1535	ND	17	ND	17	434	2138	136	12	3
GZG.MIN.4.4.79.29_3	Brk	99.61	100.27	1964	ND	34	ND	3	264	2285	152	18	32
GZG.MIN.4.4.79.29_4	Brk	97.95	98.72	1881	3	ND	ND	37	720	2595	135	18	ND
GZG.MIN.4.4.79.29_5	Brk	99.53	99.75	484	1	6	ND	1	ND	974	148	67	ND
GZG.MIN.4.4.79.29_6	Brk	99.28	99.96	1771	ND	14	ND	43	450	2466	131	38	1
GZG.MIN.4.4.79.29_7	Brk	98.93	99.63	1646	ND	34	ND	17	546	2516	145	6	19
GZG.MIN.4.4.79.29_8	Brk	98.53	99.25	1765	ND	ND	ND	ND	596	2595	132	35	ND
GZG.MIN.4.4.79.29_9	Brk	99.19	99.83	1669	ND	9	ND	14	528	2183	131	21	31
GZG.MIN.4.4.79.29_10	Brk	99.18	99.83	1260	ND	11	ND	26	688	2442	164	3	7
GZG.MIN.4.4.79.30_1	Rt	86.39	100.01	57951	12	560	142	633	49	11193	25083	64	ND
GZG.MIN.4.4.79.30_2	Rt	86.36	99.47	57392	23	457	129	574	15	11193	22296	70	35
GZG.MIN.4.4.79.30_3	Rt	87.97	100.13	51939	12	504	120	540	9	10649	21616	90	45
GZG.MIN.4.4.79.30_4	Rt	87.77	99.16	51589	ND	138	ND	11	13	28061	2321	136	72
GZG.MIN.4.4.79.30_5	Rt	86.39	98.93	57811	30	175	ND	42	35	28683	3391	121	108
GZG.MIN.4.4.79.30_6	Rt	85.51	99.95	61516	22	675	38	483	36	11660	26918	61	11
GZG.MIN.4.4.79.30_7	Rt	86.14	99.50	60258	17	499	76	453	42	11971	20665	59	65

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Analysis label	Phase affiliation by Raman spot analysis	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]
GZG.MIN.4.4.79.30_8	Rt	86.98	99.50	52918	16	539	92	597	11	11815	22024	109	22
GZG.MIN.4.4.79.30_9	Rt	85.21	98.59	57182	27	590	117	628	34	11426	23860	99	49
GZG.MIN.4.4.79.30_10	Rt	84.02	96.37	53267	16	493	59	564	49	11038	21276	68	64

Analyses are labelled sample(_internal label)(_crystal)(_analysis no.).

ND = not detected.

Rt = rutile, Ant = anatase, Brk = brookite.

OR 3: EMS analysis results of Alps, Mexico, and Syros samples, combined with posterior probability results for anatase, brookite and rutile.

Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
PulmoII_II_1_1	Mexico	97.71	99.36	4661	ND	333	1083	NA	67	2875	1901	940	39	0.00348712	0.00016829	0.99634459	Rt
PulmoII_II_2_1	Mexico	99.42	100.52	593	ND	3351	38	NA	5	1467	2079	119	23	4.2981E-05	4.7757E-07	0.99995654	Rt
PulmoII_II_3_1	Mexico	98.86	100.14	1099	ND	5818	175	NA	ND	396	928	404	27	0.00078553	1.6763E-07	0.9992143	Rt
PulmoII_II_4_1	Mexico	98.1	99.57	2572	ND	1673	762	NA	ND	800	3696	833	17	0.00034498	5.957E-06	0.99964907	Rt
PulmoII_II_5_1	Mexico	99.53	100.88	4356	ND	428	255	NA	4	3439	884	399	51	0.00625575	0.00010368	0.99364057	Rt
PulmoII_II_6_1	Mexico	98.51	100.52	5771	ND	3108	1327	NA	4	1518	2016	533	9	0.00045037	2.7017E-06	0.99954693	Rt
PulmoII_II_7_1	Mexico	99.41	100.3	1532	ND	664	164	NA	51	1326	2378	149	23	0.00051601	5.8535E-05	0.99942545	Rt
PulmoII_II_8_1	Mexico	99.88	101.18	2427	ND	1327	656	NA	20	944	2646	1099	73	0.00072923	6.1635E-06	0.99926461	Rt
PulmoII_II_9_1	Mexico	99.68	100.68	3485	ND	42	154	NA	145	2867	256	228	47	0.39228886	0.00996846	0.59774268	Rt
PulmoII_II_10_1	Mexico	98.42	99.81	4023	ND	874	20	NA	ND	1607	3044	200	35	0.00047213	7.7644E-05	0.99945023	Rt
PulmoII_II_11_1	Mexico	99.67	101.1	4699	ND	527	218	NA	117	2179	1715	685	48	0.00293601	8.2122E-05	0.99698187	Rt
PulmoII_II_12_1	Mexico	99.51	100.19	93	ND	2775	15	NA	ND	646	1043	70	43	7.8674E-05	1.449E-07	0.99992118	Rt
PulmoII_II_13_1	Mexico	97.15	98.81	5023	ND	1048	96	NA	ND	1880	2816	703	119	0.000681	2.3952E-05	0.99929505	Rt
PulmoII_II_14_1	Mexico	99.04	101.03	6699	ND	410	531	NA	68	3596	1601	1406	23	0.00458198	9.7686E-05	0.99532033	Rt
PulmoII_II_15_1	Mexico	98.33	99.84	774	ND	7048	323	NA	ND	1633	646	140	9	0.00017526	5.9009E-08	0.99982468	Rt
PulmoII_II_16_1	Mexico	97.28	98.4	1244	ND	1290	392	NA	ND	744	3162	981	51	0.00039347	4.0316E-06	0.9996025	Rt
PulmoII_II_17_1	Mexico	99.69	100.68	1429	ND	943	377	NA	ND	485	3039	618	25	0.00085757	1.695E-05	0.99912548	Rt
PulmoII_II_19_1	Mexico	100.65	101.35	1299	ND	994	86	NA	1	1169	1258	124	53	0.00095073	1.7599E-05	0.99903167	Rt
PulmoII_II_20_1	Mexico	99.43	100.73	2631	ND	699	918	NA	ND	1080	2849	993	36	0.00119652	3.0727E-05	0.99877275	Rt
PulmoII_II_21_1	Mexico	98.37	99.63	125	ND	1462	1515	NA	ND	417	4518	783	40	4.8859E-05	3.8977E-07	0.99995075	Rt
PulmoII_II_22_1	Mexico	99.58	100.34	620	ND	814	103	NA	ND	2532	1352	75	18	0.00024533	1.131E-05	0.99974336	Rt
EY-29-1_III_1_1	Alps (Switzerland)	100.62	101.61	1431	ND	521	40	NA	ND	3359	1649	121	47	0.00048737	5.5903E-05	0.99945673	Rt
EY-29-1_III_2_1	Alps (Switzerland)	98.04	98.89	1681	ND	567	116	NA	27	1557	1875	133	76	0.00084021	8.4072E-05	0.99907572	Rt
EY-29-1_III_3_1	Alps (Switzerland)	100.02	100.86	1411	ND	540	52	NA	ND	3119	844	137	59	0.00170438	3.6086E-05	0.99825953	Rt
EY-29-1_III_4_1	Alps (Switzerland)	100.48	101.35	1608	ND	828	109	NA	67	1544	1725	170	74	0.00067077	2.7052E-05	0.99930218	Rt
EY-29-1_III_5_1	Alps (Switzerland)	100.35	101.2	1014	ND	1474	67	NA	27	2307	976	124	53	0.00042117	3.2515E-06	0.99957558	Rt
EY-29-1_III_5_2	Alps (Switzerland)	100.66	101.79	1008	ND	1584	103	NA	ND	4630	928	94	17	0.00020239	2.211E-06	0.9997954	Rt
EY-29-1_III_5_3	Alps (Switzerland)	100.08	100.93	996	ND	1537	83	NA	15	2319	943	104	85	0.00039609	3.2177E-06	0.99960069	Rt
EY-29-1_III_6_1	Alps (Switzerland)	100.01	100.71	617	ND	1245	39	NA	ND	711	2026	108	52	0.00026944	7.8392E-06	0.99972272	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-1_III_6_2	Alps (Switzerland)	100.62	101.31	562	ND	1214	49	NA	ND	880	1986	104	22	0.00021657	6.7399E-06	0.99977669	Rt
EY-29-1_III_6_3	Alps (Switzerland)	100.38	101.11	539	ND	1543	26	NA	ND	873	1996	87	30	0.00015078	4.2119E-06	0.99984501	Rt
EY-29-1_III_7_1	Alps (Switzerland)	100.05	100.95	1701	ND	768	167	NA	ND	1451	2122	128	62	0.00050933	4.7644E-05	0.99944303	Rt
EY-29-1_III_8_1	Alps (Switzerland)	100.35	101.29	1297	ND	2034	93	NA	ND	828	2117	137	35	0.00023816	4.7406E-06	0.9997571	Rt
EY-29-1_III_9_1	Alps (Switzerland)	100.13	101.06	1236	20	314	35	NA	ND	3039	1891	130	31	0.00067782	0.00016206	0.99916012	Rt
EY-29-1_III_10_1	Alps (Switzerland)	100.18	101.1	1455	ND	608	82	NA	ND	3659	879	89	43	0.00106518	3.5999E-05	0.99889882	Rt
EY-29-1_III_11_1	Alps (Switzerland)	100.05	100.95	1345	ND	988	108	NA	21	1266	2516	84	33	0.00023379	3.1692E-05	0.99973451	Rt
EY-29-1_III_12_1	Alps (Switzerland)	97.73	98.48	637	ND	528	233	NA	3	674	2959	122	62	0.00040413	6.5916E-05	0.99952995	Rt
EY-29-1_III_13_1	Alps (Switzerland)	96.95	98.19	877	ND	4270	152	NA	ND	2025	1277	141	19	8.2626E-05	2.5822E-07	0.99991712	Rt
EY-29-1_III_14_1	Alps (Switzerland)	100.02	100.96	1057	ND	1303	64	NA	2	2779	1389	113	47	0.00021736	5.0964E-06	0.99977755	Rt
EY-29-1_III_15_1	Alps (Switzerland)	100.38	101.15	1209	ND	733	66	NA	5	1182	2127	128	18	0.00049702	3.9964E-05	0.99946302	Rt
EY-29-1_III_16_1	Alps (Switzerland)	98.95	99.84	622	ND	1898	122	NA	11	1906	1576	190	49	0.00012664	1.0343E-06	0.99987233	Rt
EY-29-1_III_17_1	Alps (Switzerland)	97.72	98.45	1295	ND	657	72	NA	33	1578	1363	84	44	0.00087482	5.2839E-05	0.99907234	Rt
EY-29-1_III_18_1	Alps (Switzerland)	100.64	101.46	1373	ND	518	48	NA	58	3243	556	170	39	0.00380174	2.6902E-05	0.99617136	Rt
EY-29-1_III_19_1	Alps (Switzerland)	99.46	100.3	1527	ND	1094	132	NA	ND	1272	1735	136	53	0.00051904	1.7494E-05	0.99946346	Rt
EY-29-1_III_20_1	Alps (Switzerland)	97.96	99.09	758	ND	2779	123	NA	6	1477	2680	110	36	3.9507E-05	1.1537E-06	0.99995934	Rt
EY-29-1_III_21_1	Alps (Switzerland)	99.76	100.66	1533	ND	693	188	NA	42	1045	2588	137	40	0.00051368	6.6709E-05	0.99941962	Rt
EY-29-1_III_22_1	Alps (Switzerland)	100.67	101.41	1249	ND	95	76	NA	41	2220	1470	104	46	0.00510234	0.00324086	0.9916568	Rt
EY-29-1_III_23_1	Alps (Switzerland)	101.48	102.07	384	ND	1029	38	NA	ND	1022	1494	123	51	0.00029697	4.5713E-06	0.99969845	Rt
EY-29-1_III_24_1	Alps (Switzerland)	99.5	100.3	1513	ND	682	25	NA	12	1476	1825	96	42	0.00062431	6.2268E-05	0.99931343	Rt
EY-29-1_III_25_1	Alps (Switzerland)	98.8	99.86	1123	ND	2581	92	NA	23	1276	2179	106	34	9.5255E-05	2.2061E-06	0.99990254	Rt
EY-29-1_III_26_1	Alps (Switzerland)	99.97	100.82	1475	ND	685	119	NA	ND	2205	1444	75	56	0.00058812	5.1545E-05	0.99936033	Rt
EY-29-1_III_27_1	Alps (Switzerland)	98.37	99.29	959	ND	1455	153	NA	2	1500	2296	71	34	0.00011083	8.5929E-06	0.99988058	Rt
EY-29-1_III_28_1	Alps (Switzerland)	97.74	98.69	1338	ND	338	149	NA	48	3031	1740	139	55	0.00078803	0.00013809	0.99907389	Rt
EY-29-1_III_29_1	Alps (Switzerland)	100.95	101.83	1721	ND	831	94	NA	36	1944	1478	163	39	0.00073857	2.4617E-05	0.99923681	Rt
EY-29-1_III_30_1	Alps (Switzerland)	97.82	98.71	1150	ND	759	89	NA	32	1185	2735	122	122	0.00028839	4.0074E-05	0.99967154	Rt
EY-29-2_II_1_1	Alps (Switzerland)	99.65	100.68	1496	ND	564	49	NA	ND	3557	1701	119	51	0.00041152	4.8691E-05	0.99953979	Rt
EY-29-2_II_2_1	Alps (Switzerland)	99.9	100.75	1625	ND	476	58	NA	34	3089	766	99	36	0.00236488	6.9167E-05	0.99756595	Rt
EY-29-2_II_3_1	Alps (Switzerland)	97.38	98.38	905	ND	1689	62	NA	ND	2608	1736	169	40	0.00011679	1.9986E-06	0.99988121	Rt
EY-29-2_II_4_1	Alps (Switzerland)	99.33	100.16	1311	ND	480	128	NA	24	3168	927	62	31	0.00118686	7.8961E-05	0.99873418	Rt
EY-29-2_II_5_1	Alps (Switzerland)	99.73	100.56	1239	ND	993	163	NA	ND	1659	1613	191	52	0.00048936	1.1257E-05	0.99949938	Rt
EY-29-2_II_6_1	Alps (Switzerland)	98.79	99.61	1653	ND	467	210	NA	22	1804	1567	148	29	0.00128318	0.000102	0.99861483	Rt
EY-29-2_II_7_1	Alps (Switzerland)	98.89	99.84	1380	ND	569	47	NA	57	3024	1620	97	46	0.00045459	5.3803E-05	0.99949161	Rt
EY-29-2_II_8_1	Alps (Switzerland)	99.38	100.17	1196	ND	475	109	NA	51	2879	960	75	38	0.00122183	6.7958E-05	0.99871021	Rt
EY-29-2_II_9_1	Alps (Switzerland)	100.44	101.26	796	ND	1444	105	NA	ND	1375	1956	124	23	0.00016735	4.6331E-06	0.99982802	Rt
EY-29-2_II_10_1	Alps (Switzerland)	99.78	100.65	1334	ND	468	109	NA	40	3068	1141	139	35	0.0011432	5.3597E-05	0.99880321	Rt
EY-29-2_II_11_1	Alps (Switzerland)	99.88	100.71	1072	ND	597	61	NA	ND	3409	770	117	45	0.00126918	2.1246E-05	0.99870957	Rt
EY-29-2_II_12_1	Alps (Switzerland)	99.64	100.33	599	ND	357	173	NA	36	2830	850	174	50	0.00163886	3.0874E-05	0.99833026	Rt
EY-29-2_II_13_1	Alps (Switzerland)	98.23	99.01	1576	ND	521	122	NA	41	2202	931	172	63	0.00241205	4.802E-05	0.99753993	Rt
EY-29-2_II_14_1	Alps (Switzerland)	99.41	100.28	1015	ND	1226	69	NA	49	2309	1376	155	78	0.00030193	4.9346E-06	0.99969313	Rt
EY-29-2_III_1_1	Alps (Switzerland)	100.14	101.01	901	ND	1958	79	NA	ND	2178	969	132	14	0.00030434	1.4456E-06	0.99969421	Rt
EY-29-2_III_2_1	Alps (Switzerland)	99.15	100.04	1797	ND	672	56	NA	140	1940	1505	151	39	0.00091814	4.5085E-05	0.99903678	Rt
EY-29-2_III_3_1	Alps (Switzerland)	98.89	99.92	1052	ND	2002	159	NA	ND	2311	1665	142	32	0.00012339	1.9114E-06	0.9998747	Rt
EY-29-2_III_4_1	Alps (Switzerland)	98.8	99.75	1302	ND	586	109	NA	48	3352	1473	61	22	0.00038964	5.9188E-05	0.99955118	Rt
EY-29-2_III_4_2	Alps (Switzerland)	99.14	99.97	1346	ND	569	54	NA	8	2577	1426	35	34	0.00046706	0.0001116	0.99942135	Rt
EY-29-2_III_4_3	Alps (Switzerland)	98.86	99.74	1369	ND	549	47	NA	82	2547	1510	134	34	0.00069438	4.9095E-05	0.99925653	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-2_III_5_1	Alps (Switzerland)	100.12	100.98	1251	ND	446	36	NA	134	2891	1359	65	31	0.00069499	0.00010645	0.99919855	Rt
EY-29-2_III_6_1	Alps (Switzerland)	99.69	100.72	1363	ND	600	96	NA	ND	3618	1672	124	33	0.0003674	3.6141E-05	0.99959646	Rt
EY-29-2_III_7_1	Alps (Switzerland)	99.23	100.03	1095	ND	517	24	NA	16	2570	1461	73	74	0.00054048	6.5676E-05	0.99939385	Rt
EY-29-2_III_7_2	Alps (Switzerland)	98.45	99.34	1277	ND	478	73	NA	49	3011	1433	114	23	0.00068613	6.2313E-05	0.99925156	Rt
EY-29-2_III_7_3	Alps (Switzerland)	98.4	99.21	1122	ND	419	79	NA	21	2568	1515	135	34	0.00079878	7.2106E-05	0.99912912	Rt
EY-29-2_III_8_1	Alps (Switzerland)	99.44	100.09	88	ND	537	127	NA	102	2554	1113	154	39	0.00015401	1.6603E-06	0.99984433	Rt
EY-29-2_III_9_1	Alps (Switzerland)	98.73	99.81	1381	ND	363	229	NA	41	4863	878	162	30	0.00170842	6.2218E-05	0.99822937	Rt
EY-29-2_III_9_2	Alps (Switzerland)	98.89	99.94	1508	ND	408	161	NA	37	4489	913	175	45	0.00165088	5.2963E-05	0.99829616	Rt
EY-29-2_III_9_3	Alps (Switzerland)	98.82	99.69	1488	ND	428	160	NA	53	3084	930	150	40	0.00201941	6.4674E-05	0.99791592	Rt
EY-29-2_III_10_1	Alps (Switzerland)	99.48	100.41	1100	60	1424	62	NA	57	2019	1782	91	20	0.00016312	6.7487E-06	0.99983013	Rt
EY-29-2_III_10_2	Alps (Switzerland)	99.34	100.23	1138	ND	1479	33	NA	46	1811	1778	54	19	0.00015052	9.8951E-06	0.99983959	Rt
EY-29-2_III_10_3	Alps (Switzerland)	99.28	100.29	1025	ND	1475	87	NA	ND	2679	1804	108	60	0.00011802	4.3562E-06	0.99987762	Rt
EY-29-2_III_11_1	Alps (Switzerland)	100.85	101.8	1412	ND	536	83	NA	ND	2965	1645	160	40	0.00057672	4.5236E-05	0.99937805	Rt
EY-29-2_III_11_2	Alps (Switzerland)	101.37	102.38	1404	ND	578	79	NA	ND	3412	1660	155	42	0.00045077	3.5845E-05	0.99951338	Rt
EY-29-2_III_11_3	Alps (Switzerland)	100.13	101.17	1495	ND	578	69	NA	29	3443	1689	133	46	0.00043293	4.3117E-05	0.99952395	Rt
EY-29-2_III_12_1	Alps (Switzerland)	98.85	99.8	141	ND	2709	21	NA	ND	1880	1827	99	22	1.6987E-05	1.3699E-07	0.99998288	Rt
EY-29-2_III_13_1	Alps (Switzerland)	98.02	99.16	524	ND	2885	317	NA	ND	3845	517	141	26	0.00023904	1.6584E-07	0.99976079	Rt
EY-29-2_III_13_2	Alps (Switzerland)	97.45	98.55	982	ND	3252	259	NA	ND	2594	613	163	49	0.00037806	3.1643E-07	0.99962162	Rt
EY-29-2_III_13_3	Alps (Switzerland)	97.58	98.6	719	ND	3104	347	NA	ND	2322	601	158	46	0.0003561	2.6401E-07	0.99964364	Rt
EY-29-2_III_14_1	Alps (Switzerland)	98.32	99.44	1049	ND	1986	173	NA	ND	2414	2209	94	40	6.3031E-05	2.8712E-06	0.9999341	Rt
EY-29-2_III_14_2	Alps (Switzerland)	98.44	99.46	1091	ND	1949	108	NA	16	1775	2204	73	12	8.1712E-05	4.455E-06	0.99991383	Rt
EY-29-2_III_14_3	Alps (Switzerland)	98.18	99.19	1072	ND	1907	56	NA	9	1718	2270	119	17	9.4639E-05	3.3444E-06	0.99990202	Rt
EY-29-2_III_15_1	Alps (Switzerland)	99.03	99.86	915	ND	386	46	NA	34	2634	1673	150	59	0.00063388	6.5617E-05	0.9993005	Rt
EY-29-2_III_15_2	Alps (Switzerland)	98.13	98.98	1061	ND	358	46	NA	24	2656	1764	161	66	0.00071454	8.9918E-05	0.99919554	Rt
EY-29-2_III_15_3	Alps (Switzerland)	98.68	99.57	1019	ND	379	105	NA	ND	3039	1729	133	54	0.00055836	7.9221E-05	0.99936242	Rt
EY-29-2_III_16_1	Alps (Switzerland)	97.06	98.32	1165	ND	1574	88	NA	78	3952	2054	80	62	6.0721E-05	4.5917E-06	0.99993469	Rt
EY-29-2_III_16_2	Alps (Switzerland)	97.6	98.65	1262	ND	1692	81	NA	74	2047	2119	63	41	9.6069E-05	7.3872E-06	0.99989654	Rt
EY-29-2_III_16_3	Alps (Switzerland)	97.31	98.32	1065	ND	1692	62	NA	88	2091	2038	60	42	8.7188E-05	6.0952E-06	0.99990672	Rt
EY-29-2_III_17_1	Alps (Switzerland)	98.76	99.64	1613	ND	786	142	NA	49	1514	1872	193	29	0.00065389	2.931E-05	0.9993168	Rt
EY-29-2_III_18_1	Alps (Switzerland)	99.28	100.44	2709	ND	796	142	NA	37	2498	1824	198	34	0.00063779	3.8333E-05	0.99932388	Rt
EY-29-2_III_18_2	Alps (Switzerland)	99.81	100.81	1914	60	758	90	NA	22	2468	1674	173	32	0.00058162	3.0549E-05	0.99938783	Rt
EY-29-2_III_18_3	Alps (Switzerland)	100.37	101.23	1363	ND	740	132	NA	20	2198	1545	143	26	0.00055562	2.5625E-05	0.99941875	Rt
EY-29-2_III_19_1	Alps (Switzerland)	99.86	100.57	936	ND	439	151	NA	105	2812	625	82	28	0.00249809	4.83E-05	0.99745361	Rt
EY-29-2_III_20_1	Alps (Switzerland)	98.88	99.95	1111	ND	1967	67	NA	18	2625	1742	67	44	8.4364E-05	3.4397E-06	0.9999122	Rt
EY-29-2_III_21_1	Alps (Switzerland)	99.7	100.7	1109	ND	1900	65	NA	ND	3154	915	91	7	0.00025728	2.0432E-06	0.99974068	Rt
EY-29-2_III_22_1	Alps (Switzerland)	99.12	99.95	1364	ND	660	17	NA	107	2215	1459	97	34	0.00061344	4.2781E-05	0.99934378	Rt
EY-29-2_III_23_1	Alps (Switzerland)	98.27	99.22	1288	ND	499	70	NA	ND	2403	2385	98	32	0.00031141	8.9725E-05	0.99959886	Rt
EY-29-2_III_24_1	Alps (Switzerland)	100.24	101.21	998	ND	1642	48	NA	96	1913	2010	111	36	0.00011654	4.0834E-06	0.99987937	Rt
EY-29-2_III_25_1	Alps (Switzerland)	100.7	101.47	480	ND	192	92	NA	143	2625	1911	116	35	0.00061666	0.00019805	0.99918529	Rt
EY-29-2_III_26_1	Alps (Switzerland)	97.83	98.85	977	ND	1303	2	NA	ND	2657	2168	146	54	0.00010469	4.8177E-06	0.99989049	Rt
EY-29-2_III_26_2	Alps (Switzerland)	98.94	100.01	999	ND	1351	100	NA	20	2862	2194	150	42	9.4233E-05	4.3025E-06	0.99990146	Rt
EY-29-2_III_26_3	Alps (Switzerland)	98.11	99.33	939	ND	1380	ND	NA	ND	4146	2152	142	47	6.3195E-05	3.1967E-06	0.99993361	Rt
EY-29-2_III_27_1	Alps (Switzerland)	99.39	100.19	879	ND	293	138	NA	ND	3635	819	148	65	0.00221116	7.3277E-05	0.99771557	Rt
EY-29-2_III_28_1	Alps (Switzerland)	97.59	98.49	1301	ND	359	64	NA	27	2081	2439	124	35	0.00053918	0.00017993	0.9992809	Rt
EY-29-2_III_29_1	Alps (Switzerland)	97.67	98.59	877	ND	1086	143	NA	87	2235	1932	139	56	0.00016796	7.021E-06	0.99982502	Rt
EY-29-2_III_29_2	Alps (Switzerland)	97.72	98.62	872	ND	1122	26	NA	74	2201	1935	135	41	0.00016151	6.6641E-06	0.99983183	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-2_III_29_3	Alps (Switzerland)	98.38	99.32	919	ND	1154	67	NA	67	2540	1869	96	22	0.00013588	7.6965E-06	0.99985643	Rt
EY-29-2_III_30_1	Alps (Switzerland)	100.48	101.51	922	ND	1388	39	NA	112	2990	1768	130	75	0.00011577	3.6215E-06	0.99988061	Rt
EY-29-2_III_30_2	Alps (Switzerland)	101.13	102.06	788	ND	1349	ND	NA	178	2340	1753	111	51	0.00012832	4.1142E-06	0.99986757	Rt
EY-29-2_III_30_3	Alps (Switzerland)	98.36	99.31	928	ND	1362	3	NA	118	2265	1877	110	72	0.00013101	5.142E-06	0.99986385	Rt
EY-29-3_II_1_1	Alps (Switzerland)	100.07	100.93	1795	ND	739	150	NA	6	1318	1894	99	66	0.00068329	6.685E-05	0.99924986	Rt
EY-29-3_II_2_1	Alps (Switzerland)	100.08	100.88	1269	ND	1028	71	NA	ND	1199	1890	127	64	0.00042816	1.8328E-05	0.99955351	Rt
EY-29-3_II_3_1	Alps (Switzerland)	100.17	100.95	1688	ND	564	89	NA	72	1793	1169	110	92	0.00162389	7.3694E-05	0.99830241	Rt
EY-29-3_II_4_1	Alps (Switzerland)	99.91	100.96	1516	ND	430	128	NA	ND	4392	1013	178	38	0.00133213	4.9385E-05	0.99861848	Rt
EY-29-3_II_5_1	Alps (Switzerland)	97.97	98.82	1721	ND	764	176	NA	73	1651	1451	154	26	0.00095885	3.382E-05	0.99900733	Rt
EY-29-3_II_6_1	Alps (Switzerland)	100.45	101.17	883	ND	317	200	NA	56	2810	881	104	40	0.0020203	9.4001E-05	0.9978857	Rt
EY-29-3_II_7_1	Alps (Switzerland)	100.82	101.64	1667	20	810	177	NA	15	1470	1531	170	40	0.00091541	2.8965E-05	0.99905562	Rt
EY-29-3_II_8_1	Alps (Switzerland)	99.04	99.99	2342	ND	1044	221	NA	223	1449	1188	158	29	0.0013904	2.2776E-05	0.99858683	Rt
EY-29-3_II_9_1	Alps (Switzerland)	97.81	98.69	1589	ND	782	108	NA	120	1610	1781	126	47	0.00058461	3.733E-05	0.99937806	Rt
EY-29-3_II_10_1	Alps (Switzerland)	98.94	99.95	1698	ND	772	184	NA	6	1531	2732	163	29	0.00033145	4.2842E-05	0.99962571	Rt
EY-29-3_II_11_1	Alps (Switzerland)	100.5	101.34	1462	ND	750	124	NA	ND	1388	2072	103	62	0.00047177	4.9936E-05	0.99947829	Rt
EY-29-3_II_12_1	Alps (Switzerland)	98.33	99.11	952	ND	541	146	NA	105	2328	1399	66	41	0.00052845	5.5936E-05	0.99941561	Rt
EY-29-3_II_13_1	Alps (Switzerland)	100.16	100.98	1079	ND	1179	109	NA	ND	1316	1894	133	53	0.00030019	1.0158E-05	0.99968965	Rt
EY-29-3_II_14_1	Alps (Switzerland)	100.15	100.98	1304	ND	390	48	NA	ND	3385	861	89	28	0.00180048	9.1524E-05	0.99810799	Rt
EY-29-3_II_15_1	Alps (Switzerland)	98.94	99.78	1381	ND	988	99	NA	32	1677	1650	75	43	0.00037599	2.5235E-05	0.99959877	Rt
EY-29-3_II_16_1	Alps (Switzerland)	99.95	100.78	1576	ND	700	114	NA	ND	1990	1321	189	66	0.00105006	2.7949E-05	0.99892199	Rt
EY-29-3_II_17_1	Alps (Switzerland)	99.35	100.22	1770	ND	702	74	NA	ND	1914	1637	102	29	0.00066325	5.5313E-05	0.99928144	Rt
EY-29-3_II_18_1	Alps (Switzerland)	100.29	101.22	1799	ND	637	657	NA	196	1858	1369	123	10	0.00112566	5.8108E-05	0.99881623	Rt
EY-29-3_II_19_1	Alps (Switzerland)	100.77	101.72	1473	ND	372	38	NA	10	3720	1185	144	47	0.0012636	9.1144E-05	0.99864525	Rt
EY-29-3_II_20_1	Alps (Switzerland)	99.5	100.25	1105	ND	781	71	NA	55	1150	1944	114	30	0.0005008	3.2945E-05	0.99946625	Rt
EY-29-3_II_21_1	Alps (Switzerland)	99.99	100.72	947	ND	261	138	NA	ND	1918	1915	36	64	0.00067265	0.00058937	0.99873798	Rt
EY-29-3_II_22_1	Alps (Switzerland)	100.52	101.2	1344	ND	738	50	NA	99	1331	1112	109	35	0.00144631	3.5244E-05	0.99851845	Rt
EY-29-3_II_23_1	Alps (Switzerland)	99.64	100.28	474	ND	284	188	NA	27	1264	2123	113	41	0.0006366	0.00012631	0.99923709	Rt
EY-29-3_II_24_1	Alps (Switzerland)	99.71	100.59	1343	ND	574	74	NA	1	3641	735	95	38	0.00150803	3.3165E-05	0.99845881	Rt
EY-29-3_II_25_1	Alps (Switzerland)	100.04	100.92	1471	ND	1115	83	NA	ND	1209	2145	144	53	0.00036105	1.7355E-05	0.9996216	Rt
EY-29-3_II_26_1	Alps (Switzerland)	97.93	98.76	1316	ND	508	115	NA	10	1979	1819	155	65	0.00069892	6.31E-05	0.99923798	Rt
EY-29-3_II_27_1	Alps (Switzerland)	99	99.88	1425	ND	452	140	NA	18	2934	1285	126	45	0.00102198	7.2628E-05	0.9989054	Rt
EY-29-3_II_28_1	Alps (Switzerland)	99.85	100.69	1840	ND	776	155	NA	6	1537	1473	139	54	0.00099845	3.9736E-05	0.99896182	Rt
EY-29-3_II_29_1	Alps (Switzerland)	99.74	100.65	1392	ND	784	67	NA	47	2689	1491	74	12	0.00037772	3.2319E-05	0.99958996	Rt
EY-29-3_II_30_1	Alps (Switzerland)	99.19	100.14	2153	ND	771	372	NA	124	1746	1382	165	53	0.00119432	3.8862E-05	0.99876681	Rt
EY-29-3_III_1_1	Alps (Switzerland)	99.59	100.58	933	ND	1544	55	NA	ND	2087	2310	90	38	7.9731E-05	5.1125E-06	0.99991516	Rt
EY-29-3_III_2_1	Alps (Switzerland)	99.66	100.51	1896	ND	653	113	NA	205	2071	951	128	36	0.00199818	4.5552E-05	0.99795627	Rt
EY-29-3_III_3_1	Alps (Switzerland)	100.71	101.52	1473	ND	681	133	NA	57	1744	1541	107	38	0.00073465	4.7475E-05	0.99921788	Rt
EY-29-3_III_4_1	Alps (Switzerland)	98.52	100.42	1116	52	1494	41	NA	99	8711	2361	94	ND	2.4553E-05	3.0063E-06	0.99997244	Rt
EY-29-3_III_4_2	Alps (Switzerland)	100.17	101.1	1123	ND	1430	ND	NA	36	1470	2331	87	29	0.00013522	9.4751E-06	0.9998553	Rt
EY-29-3_III_4_3	Alps (Switzerland)	99.87	100.85	1182	ND	1375	53	NA	79	1735	2350	93	50	0.00012694	9.613E-06	0.99986345	Rt
EY-29-3_III_5_1	Alps (Switzerland)	99.84	100.75	1518	ND	531	68	NA	ND	3310	1050	154	26	0.00122375	4.0004E-05	0.99873625	Rt
EY-29-3_III_6_1	Alps (Switzerland)	99.29	100.04	1058	ND	656	34	NA	18	1534	1870	116	39	0.00048614	3.8792E-05	0.99947507	Rt
EY-29-3_III_7_1	Alps (Switzerland)	98.97	99.99	1788	ND	784	236	NA	118	2092	2052	166	35	0.00042509	3.2182E-05	0.99954273	Rt
EY-29-3_III_8_1	Alps (Switzerland)	97.73	98.59	1558	ND	612	44	NA	6	1772	1951	122	35	0.00058406	6.4916E-05	0.99935102	Rt
EY-29-3_III_9_1	Alps (Switzerland)	99.67	100.61	1963	ND	515	370	NA	124	2503	1130	162	31	0.00178503	6.7407E-05	0.99814756	Rt
EY-29-3_III_10_1	Alps (Switzerland)	99.62	100.58	1107	ND	1768	76	NA	69	1322	2194	96	64	0.00013363	5.4942E-06	0.99986088	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-3_III_11_1	Alps (Switzerland)	99.39	100.1	1344	ND	933	49	NA	41	1170	1249	129	83	0.00107455	2.0539E-05	0.99890491	Rt
EY-29-3_III_12_1	Alps (Switzerland)	100.07	100.74	1033	ND	777	93	NA	ND	1842	913	83	47	0.00107227	2.1407E-05	0.99890633	Rt
EY-29-3_III_13_1	Alps (Switzerland)	98.93	99.84	1364	ND	579	128	NA	129	3140	1079	72	43	0.00079965	5.1731E-05	0.99914862	Rt
EY-29-3_III_14_1	Alps (Switzerland)	99.01	99.79	977	ND	562	488	NA	131	1439	1641	121	130	0.00073914	4.8028E-05	0.99921283	Rt
EY-29-3_III_14_2	Alps (Switzerland)	98.48	99.43	1028	ND	478	437	NA	49	3097	1700	132	3	0.00043715	4.6207E-05	0.99951665	Rt
EY-29-3_III_14_3	Alps (Switzerland)	98.9	99.67	1183	ND	438	485	NA	102	1300	1756	135	52	0.00114477	0.00010773	0.9987475	Rt
EY-29-3_III_15_1	Alps (Switzerland)	99.19	100.09	1060	ND	1702	98	NA	ND	1073	2306	80	2	0.00014126	7.4513E-06	0.99985129	Rt
EY-29-3_III_15_2	Alps (Switzerland)	97.81	98.79	1023	ND	1818	71	NA	ND	1436	2349	130	70	0.00011018	3.7244E-06	0.9998861	Rt
EY-29-3_III_15_3	Alps (Switzerland)	97.93	98.89	1135	ND	1778	113	NA	ND	1042	2500	85	41	0.00012862	7.3548E-06	0.99986403	Rt
EY-29-3_III_16_1	Alps (Switzerland)	99.64	100.52	525	ND	379	230	NA	1	1401	3495	116	55	0.00018737	8.4003E-05	0.99972863	Rt
EY-29-3_III_17_1	Alps (Switzerland)	98.46	99.3	1365	ND	846	53	NA	32	1599	1810	177	35	0.00051933	2.0685E-05	0.99945998	Rt
EY-29-3_III_18_1	Alps (Switzerland)	98.34	99.17	1922	ND	516	117	NA	72	2125	987	148	33	0.00252093	7.207E-05	0.997407	Rt
EY-29-3_III_19_1	Alps (Switzerland)	98.9	99.72	1625	ND	699	118	NA	77	1695	1508	113	45	0.00083584	4.8527E-05	0.99911563	Rt
EY-29-3_III_20_1	Alps (Switzerland)	99.44	100.28	1353	ND	596	66	NA	137	1685	1916	136	28	0.00060502	5.5285E-05	0.9993397	Rt
EY-29-3_III_21_1	Alps (Switzerland)	100.57	101.42	1337	ND	345	41	NA	4	3416	952	100	42	0.00181407	0.00011971	0.99806622	Rt
EY-29-3_III_21_2	Alps (Switzerland)	99.76	100.91	1305	ND	358	103	NA	24	5730	939	90	54	0.00104656	8.5897E-05	0.99886754	Rt
EY-29-3_III_21_3	Alps (Switzerland)	100.49	101.3	1277	ND	332	106	NA	14	3134	922	119	54	0.00221804	0.00011332	0.99766864	Rt
EY-29-3_III_22_1	Alps (Switzerland)	100.33	101.42	1082	ND	2352	117	NA	19	1370	2506	124	43	7.8874E-05	2.3924E-06	0.99991873	Rt
EY-29-3_III_23_1	Alps (Switzerland)	99.45	100.26	1492	ND	719	76	NA	ND	1500	1843	101	30	0.00057262	5.2044E-05	0.99937533	Rt
EY-29-3_III_24_1	Alps (Switzerland)	100.9	101.54	704	ND	397	138	NA	14	1729	1365	194	39	0.00115868	4.3607E-05	0.99879772	Rt
EY-29-3_III_25_1	Alps (Switzerland)	100.14	100.98	1609	ND	715	103	NA	122	1426	1769	83	41	0.00064635	6.6893E-05	0.99928676	Rt
EY-29-3_III_26_1	Alps (Switzerland)	99.67	100.47	1453	ND	765	127	NA	73	1749	1358	119	49	0.00082459	3.1282E-05	0.99914413	Rt
EY-29-3_III_27_1	Alps (Switzerland)	99.43	100.24	1811	ND	544	66	NA	177	1834	1179	89	60	0.00160809	0.00010022	0.99829168	Rt
EY-29-3_III_28_1	Alps (Switzerland)	98.8	99.66	1286	ND	493	31	NA	36	3372	943	114	26	0.0012647	4.579E-05	0.99868951	Rt
EY-29-3_III_29_1	Alps (Switzerland)	100.52	101.3	1517	ND	680	100	NA	76	1554	1451	122	44	0.00097324	4.6644E-05	0.99898012	Rt
EY-29-3_III_30_1	Alps (Switzerland)	100.03	100.83	1398	ND	351	17	NA	0	3007	893	130	46	0.00252822	0.00010492	0.99736686	Rt
EY-29-4_II_1_1	Alps (Switzerland)	99.81	100.6	1294	ND	654	123	NA	125	1409	1755	94	40	0.0006451	5.8538E-05	0.99929636	Rt
EY-29-4_II_2_1	Alps (Switzerland)	99.55	100.78	1180	ND	1175	1961	NA	59	1197	3214	101	9	0.00012556	1.8326E-05	0.99985612	Rt
EY-29-4_II_3_1	Alps (Switzerland)	98.93	99.76	1619	ND	744	191	NA	24	1691	1494	109	22	0.00078245	4.2793E-05	0.99917476	Rt
EY-29-4_II_4_1	Alps (Switzerland)	97.7	98.55	1581	ND	694	318	NA	68	1358	1817	127	22	0.00075495	5.3932E-05	0.99919112	Rt
EY-29-4_II_5_1	Alps (Switzerland)	99.46	100.12	226	ND	876	356	NA	ND	1312	1822	66	23	0.00010759	5.2755E-06	0.99988713	Rt
EY-29-4_II_6_1	Alps (Switzerland)	100.12	100.99	1817	ND	708	144	NA	69	1627	1611	120	42	0.00084539	5.4141E-05	0.99910047	Rt
EY-29-4_II_7_1	Alps (Switzerland)	97.79	98.7	2116	ND	467	169	NA	48	2363	1208	130	38	0.00184192	0.00011468	0.99804339	Rt
EY-29-4_II_8_1	Alps (Switzerland)	98.27	99.37	1605	ND	1434	190	NA	40	1198	3062	125	48	0.00014843	1.3923E-05	0.99983765	Rt
EY-29-4_II_9_1	Alps (Switzerland)	99.4	100.29	2051	ND	504	240	NA	113	1996	1260	141	39	0.00183806	9.7876E-05	0.99806406	Rt
EY-29-4_II_10_1	Alps (Switzerland)	100.4	101.26	1846	ND	481	274	NA	22	2245	1135	144	37	0.00194258	8.5035E-05	0.99797238	Rt
EY-29-4_II_11_1	Alps (Switzerland)	99.9	100.58	1399	ND	349	48	NA	16	1523	1455	70	28	0.00164221	0.00029831	0.99805948	Rt
EY-29-4_II_12_1	Alps (Switzerland)	100.25	101.19	1609	ND	835	297	NA	31	1297	2370	125	40	0.00040153	4.1784E-05	0.99955668	Rt
EY-29-4_III_1_1	Alps (Switzerland)	99.15	100.08	1698	ND	687	197	NA	78	1935	1766	169	47	0.00067008	3.9731E-05	0.99929019	Rt
EY-29-4_III_2_1	Alps (Switzerland)	97.36	98.32	1128	ND	875	133	NA	40	1022	3327	144	52	0.00020656	2.9619E-05	0.99976382	Rt
EY-29-4_III_3_1	Alps (Switzerland)	97.45	98.34	1774	ND	486	191	NA	129	1782	1735	141	40	0.00107577	0.00011003	0.99881419	Rt
EY-29-4_III_4_1	Alps (Switzerland)	99.12	99.95	999	ND	460	62	NA	68	2097	2097	105	45	0.00040967	7.819E-05	0.99951214	Rt
EY-29-4_III_5_1	Alps (Switzerland)	100.89	101.7	1186	ND	497	63	NA	55	3058	859	110	65	0.00150503	4.2518E-05	0.99845245	Rt
EY-29-4_III_6_1	Alps (Switzerland)	97.83	98.77	1471	ND	641	505	NA	ND	1964	1963	152	13	0.00051188	4.4167E-05	0.99944395	Rt
EY-29-4_III_7_1	Alps (Switzerland)	97.96	99.25	2893	ND	1342	898	NA	ND	2048	1867	118	73	0.0003633	2.0154E-05	0.99961654	Rt
EY-29-4_III_7_2	Alps (Switzerland)	99.77	100.76	2103	ND	921	104	NA	ND	1810	1892	157	26	0.00052175	2.9172E-05	0.99944908	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-4_III_7_3	Alps (Switzerland)	99	99.96	1936	ND	1161	105	NA	ND	1712	1680	143	34	0.00047614	1.6227E-05	0.99950764	Rt
EY-29-4_III_8_1	Alps (Switzerland)	98.93	99.86	910	ND	967	79	NA	13	794	3566	72	45	0.00013957	3.5508E-05	0.99982492	Rt
EY-29-4_III_9_1	Alps (Switzerland)	98.63	99.44	937	ND	1277	250	NA	23	1417	1649	162	71	0.00031348	5.6247E-06	0.9996809	Rt
EY-29-4_III_10_1	Alps (Switzerland)	99.65	100.36	1452	ND	417	54	NA	167	1880	969	107	32	0.00269136	0.00011372	0.99719493	Rt
EY-29-4_III_11_1	Alps (Switzerland)	97.99	98.88	1992	ND	481	166	NA	158	2331	1035	161	50	0.00243041	8.0742E-05	0.99748885	Rt
EY-29-4_III_12_1	Alps (Switzerland)	99.27	100.15	1924	ND	540	138	NA	88	1776	1567	159	51	0.00127179	8.3423E-05	0.99864479	Rt
EY-29-4_III_13_1	Alps (Switzerland)	96.5	97.39	1862	ND	520	205	NA	69	1995	1537	101	37	0.00103815	0.00011249	0.99884935	Rt
EY-29-4_III_14_1	Alps (Switzerland)	99.25	100.07	1964	ND	518	187	NA	123	1872	1005	145	53	0.0027612	8.0367E-05	0.99715843	Rt
EY-29-4_III_15_1	Alps (Switzerland)	98.43	99.35	1662	ND	941	94	NA	41	1301	2235	96	64	0.00036572	3.8648E-05	0.99959563	Rt
EY-29-4_III_16_1	Alps (Switzerland)	99.96	100.78	1825	ND	598	119	NA	95	1427	1506	123	51	0.0013174	8.2533E-05	0.99860006	Rt
EY-29-4_III_17_1	Alps (Switzerland)	98.7	99.6	526	ND	604	240	NA	32	1277	3436	147	44	0.00013457	2.5291E-05	0.99984014	Rt
EY-29-4_III_17_2	Alps (Switzerland)	98.83	99.76	526	ND	636	220	NA	31	1598	3354	115	24	9.9386E-05	2.3345E-05	0.99987727	Rt
EY-29-4_III_17_3	Alps (Switzerland)	98.61	99.52	535	ND	652	248	NA	58	1300	3401	151	47	0.00012637	2.0902E-05	0.99985272	Rt
EY-29-4_III_18_1	Alps (Switzerland)	98.97	99.8	1471	ND	601	229	NA	29	1196	2016	154	83	0.00083568	6.769E-05	0.99909663	Rt
EY-29-4_III_19_1	Alps (Switzerland)	99.71	100.6	1822	ND	735	184	NA	57	1337	1903	156	71	0.00078832	4.9552E-05	0.99916213	Rt
EY-29-4_III_20_1	Alps (Switzerland)	99.23	100.1	1592	ND	740	305	NA	129	1640	1559	127	49	0.00077858	3.9488E-05	0.99918193	Rt
EY-29-4_III_21_2	Alps (Switzerland)	98.6	99.53	561	ND	1162	58	NA	9	947	1602	46	18	0.00023915	1.163E-05	0.99974922	Rt
EY-29-4_III_22_1	Alps (Switzerland)	98.38	99.27	1622	ND	598	356	NA	20	2053	1611	107	28	0.0007274	6.682E-05	0.99920578	Rt
EY-29-4_III_23_1	Alps (Switzerland)	98.61	99.39	1128	ND	821	85	NA	27	1463	1770	148	37	0.00049463	2.0971E-05	0.9994844	Rt
EY-29-4_III_24_1	Alps (Switzerland)	96.83	98.24	1476	ND	1747	381	NA	86	4165	2209	169	19	6.9041E-05	2.8002E-06	0.99992816	Rt
EY-29-4_III_24_2	Alps (Switzerland)	99.11	100.1	1413	ND	1618	315	NA	116	1076	2204	141	59	0.00024252	7.6671E-06	0.99974981	Rt
EY-29-4_III_24_3	Alps (Switzerland)	98.41	99.41	1476	ND	1753	244	NA	136	1032	2131	119	49	0.00023945	7.6274E-06	0.99975292	Rt
EY-29-4_III_25_1	Alps (Switzerland)	99.53	100.32	1974	ND	449	108	NA	135	1796	929	135	58	0.00380201	0.00011699	0.996081	Rt
EY-29-4_III_26_1	Alps (Switzerland)	97.63	98.5	1630	ND	634	190	NA	141	1438	1880	134	67	0.00077707	6.5193E-05	0.99915774	Rt
EY-29-4_III_27_1	Alps (Switzerland)	99.77	100.63	988	ND	968	79	NA	3	1062	2752	99	40	0.00019953	2.3638E-05	0.99977683	Rt
EY-29-4_III_28_1	Alps (Switzerland)	97.81	98.74	1715	ND	580	140	NA	151	1223	2509	152	23	0.00064651	9.6381E-05	0.99925711	Rt
EY-29-4_III_29_1	Alps (Switzerland)	97.93	98.64	377	ND	671	204	NA	ND	988	2609	136	42	0.00018698	1.4537E-05	0.99979848	Rt
EY-29-4_III_30_1	Alps (Switzerland)	98.39	99.25	1118	ND	476	58	NA	30	2991	1420	127	46	0.00065893	4.9876E-05	0.99929119	Rt
EY-29-5_II_1	Alps (Switzerland)	97.9	98.85	2220	ND	615	187	NA	32	2192	1383	101	32	0.0010884	8.4934E-05	0.99882667	Rt
EY-29-5_II_2_1	Alps (Switzerland)	100.3	101.08	1455	ND	547	50	NA	10	2407	1021	138	ND	0.00156205	4.5311E-05	0.99839264	Rt
EY-29-5_II_3_2	Alps (Switzerland)	99.04	100.05	2010	ND	957	385	NA	129	1325	2098	142	52	0.00051907	3.3831E-05	0.9994471	Rt
EY-29-5_II_4_2	Alps (Switzerland)	98.7	99.53	1098	ND	452	55	NA	7	3039	1296	118	ND	0.00078009	5.5251E-05	0.99916466	Rt
EY-29-5_II_6_1	Alps (Switzerland)	99.49	100.23	1484	ND	401	22	NA	8	1275	1269	120	65	0.00263215	0.00016419	0.99720366	Rt
EY-29-5_II_7	Alps (Switzerland)	93.46	94.38	1462	ND	770	164	NA	ND	989	2716	109	151	0.00039437	6.1278E-05	0.99954435	Rt
EY-29-5_II_8_2	Alps (Switzerland)	98.2	98.97	910	ND	1274	12	NA	11	753	2193	146	30	0.00032153	9.4654E-06	0.999669	Rt
EY-29-5_II_10_1	Alps (Switzerland)	97.46	98.17	1375	ND	285	285	NA	39	2037	853	55	138	0.00371988	0.00037354	0.99590658	Rt
EY-29-5_II_11_3	Alps (Switzerland)	97.5	98.28	1327	ND	478	139	NA	31	1596	1796	109	46	0.00083981	0.0001056	0.99905459	Rt
EY-29-5_II_12_1	Alps (Switzerland)	98.28	99.87	2416	ND	848	113	NA	81	1071	3443	3186	69	0.00094462	8.4668E-06	0.99904691	Rt
EY-29-5_II_13_2	Alps (Switzerland)	98.62	99.42	2065	ND	402	ND	NA	13	1408	1693	107	4	0.00178055	0.00027955	0.9979399	Rt
EY-29-5_II_13_3	Alps (Switzerland)	97.33	99.17	6923	ND	399	389	NA	89	2752	2353	93	30	0.00130077	0.00102537	0.99767386	Rt
EY-29-5_II_14	Alps (Switzerland)	99.14	100.26	2754	ND	118	580	NA	62	2840	1146	171	294	0.01066172	0.00270233	0.98663595	Rt
EY-29-5_II_15	Alps (Switzerland)	97.78	98.81	1982	ND	2811	99	NA	ND	951	1245	106	13	0.00047846	3.248E-06	0.99951829	Rt
EY-29-5_II_17	Alps (Switzerland)	99.01	99.96	2752	ND	707	41	NA	97	1821	897	272	91	0.00388143	3.5818E-05	0.99608276	Rt
EY-29-5_II_18	Alps (Switzerland)	99.76	100.17	172	ND	557	ND	NA	35	1677	517	38	ND	0.00091489	8.1798E-06	0.99907693	Rt
EY-29-5_II_22	Alps (Switzerland)	100.28	100.93	1554	ND	424	ND	NA	47	1995	619	74	3	0.00518822	0.00012238	0.9946894	Rt
EY-29-5_II_24	Alps (Switzerland)	99.18	100.12	2131	ND	432	160	NA	24	2141	1589	196	60	0.00155243	0.00012305	0.99832452	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-5_II_25	Alps (Switzerland)	98.98	99.78	1137	ND	489	78	NA	65	2834	1118	67	38	0.000848	6.9961E-05	0.99908204	Rt
EY-29-5_II_26	Alps (Switzerland)	99.38	100.27	991	ND	417	ND	NA	ND	1300	2200	1394	43	0.00150241	2.0559E-05	0.99847703	Rt
EY-29-5_II_27	Alps (Switzerland)	98.55	99.33	192	ND	126	ND	NA	24	924	2087	2098	117	0.00280975	4.2553E-05	0.9971477	Rt
EY-29-5_II_28	Alps (Switzerland)	98.91	100.09	2806	ND	1134	764	NA	50	1506	1794	285	64	0.00081536	1.7877E-05	0.99916676	Rt
EY-29-5_II_29	Alps (Switzerland)	98.66	100.45	1712	ND	1314	236	NA	ND	407	5756	3165	20	0.00043334	4.4212E-06	0.99956224	Rt
EY-29-5_II_30	Alps (Switzerland)	99.88	100.78	1754	ND	713	102	NA	9	1637	2016	198	17	0.00063971	3.9325E-05	0.99932096	Rt
EY-29-5_II_23	Alps (Switzerland)	99.97	100.84	1853	ND	722	126	NA	28	1818	1477	74	47	0.00075615	6.761E-05	0.99917624	Rt
EY-29-6_II_1_1	Alps (Switzerland)	99.87	100.35	108	ND	64	11	NA	ND	1506	1064	443	204	0.0049322	0.00017885	0.99488895	Rt
EY-29-6_II_2_1	Alps (Switzerland)	100.06	101.03	378	ND	2290	27	NA	ND	588	2457	993	63	0.00016096	2.6923E-07	0.99983877	Rt
EY-29-6_II_3_1	Alps (Switzerland)	99.7	100.54	1794	ND	963	200	NA	11	1363	1362	172	100	0.00105731	2.0789E-05	0.9989219	Rt
EY-29-6_II_4	Alps (Switzerland)	99.54	100.32	890	ND	1074	69	NA	104	1284	611	98	922	0.00200303	7.7547E-06	0.99798922	Rt
EY-29-6_II_5_1	Alps (Switzerland)	98.46	99.15	192	ND	2285	168	NA	23	877	612	319	267	0.00054552	1.2056E-07	0.99945436	Rt
EY-29-6_II_6	Alps (Switzerland)	97.79	98.57	1760	ND	491	132	NA	39	1648	1321	172	ND	0.00197	8.5715E-05	0.99794429	Rt
EY-29-6_II_7	Alps (Switzerland)	98.31	98.98	778	ND	1422	58	NA	ND	891	1436	135	ND	0.00044668	4.898E-06	0.99954842	Rt
EY-29-6_II_8	Alps (Switzerland)	90.68	91.64	2709	ND	413	203	NA	139	1840	1397	147	13	0.00259145	0.00022792	0.99718063	Rt
EY-29-6_II_9_1	Alps (Switzerland)	100.38	101.26	1651	ND	756	310	NA	113	1527	1761	162	7	0.0007272	3.6177E-05	0.99923662	Rt
EY-29-6_II_10	Alps (Switzerland)	99.42	100.57	2963	ND	803	178	NA	201	1497	1882	224	246	0.00107164	5.1468E-05	0.99887689	Rt
EY-29-6_II_13_1	Alps (Switzerland)	99.91	100.62	1943	ND	304	ND	NA	81	2552	253	25	38	0.02431399	0.00043079	0.97525522	Rt
EY-29-6_II_14_1	Alps (Switzerland)	101.11	101.82	1275	ND	1345	42	NA	27	1446	665	223	ND	0.00206007	3.7933E-06	0.99793614	Rt
EY-29-6_II_15	Alps (Switzerland)	99.35	100.28	2238	ND	200	700	NA	92	2642	687	175	25	0.0134431	0.00051287	0.98604403	Rt
EY-29-6_II_16	Alps (Switzerland)	99.26	99.81	169	ND	157	11	NA	11	1040	1911	520	99	0.00132799	5.3643E-05	0.99861836	Rt
EY-29-6_II_17_1	Alps (Switzerland)	99.79	100.3	268	ND	77	40	NA	107	1397	1169	437	121	0.00726879	0.0003687	0.999236251	Rt
EY-29-6_II_18_1	Alps (Switzerland)	98.29	99.83	4001	ND	611	961	NA	62	1806	3296	231	14	0.00057416	0.00015462	0.99927121	Rt
EY-29-6_II_19_1	Alps (Switzerland)	101.15	102.09	1954	ND	694	87	NA	113	2045	1702	125	ND	0.00067938	5.4079E-05	0.99926654	Rt
EY-29-6_II_20_1	Alps (Switzerland)	98.98	100.56	1205	ND	412	242	NA	19	1309	2220	5941	109	0.00276496	9.4623E-06	0.99722558	Rt
EY-29-6_II_21_1	Alps (Switzerland)	100.04	101.34	3339	ND	1065	1037	NA	104	2724	918	254	1	0.00183565	1.4775E-05	0.99814957	Rt
EY-29-6_II_22_1	Alps (Switzerland)	100.67	101.42	740	ND	420	ND	NA	30	1376	2519	52	115	0.00030594	0.00015336	0.9995407	Rt
EY-29-6_II_23_1	Alps (Switzerland)	100.02	100.94	1634	ND	658	302	NA	221	1526	1976	161	4	0.00068603	5.2055E-05	0.99926192	Rt
EY-29-6_II_24_1	Alps (Switzerland)	100.34	101.27	1697	ND	767	283	NA	33	1556	2161	115	ND	0.00044616	4.9863E-05	0.99950397	Rt
EY-29-6_II_25_1	Alps (Switzerland)	99.52	101.57	7551	ND	248	250	NA	193	4960	985	565	25	0.01155562	0.00046254	0.98798184	Rt
EY-29-6_II_26	Alps (Switzerland)	100.94	101.82	1994	ND	558	61	NA	91	1605	1537	206	108	0.00155766	7.0335E-05	0.99837201	Rt
EY-29-6_II_27	Alps (Switzerland)	100.59	101.45	1948	ND	545	291	NA	141	1576	1477	133	ND	0.00148914	9.7973E-05	0.99841288	Rt
EY-29-6_II_28	Alps (Switzerland)	99.79	101.56	5412	ND	573	1168	NA	143	3279	1969	218	ND	0.00110124	0.00015265	0.99874611	Rt
EY-29-6_II_29	Alps (Switzerland)	99.6	100.7	2730	ND	477	482	NA	39	2023	1947	144	6	0.00111616	0.00018343	0.99870041	Rt
EY-29-6_II_30	Alps (Switzerland)	100.37	100.99	1231	ND	617	60	NA	38	1191	1090	100	44	0.0018477	5.3956E-05	0.99809835	Rt
EY-29-7_II_1_1	Alps (Switzerland)	100.34	101.05	1253	ND	481	70	NA	37	2002	1146	83	54	0.00131851	8.5701E-05	0.99859578	Rt
EY-29-7_II_2_1	Alps (Switzerland)	98.41	99.91	1391	ND	1091	417	NA	ND	738	4330	2566	43	0.00040666	3.9318E-06	0.99958941	Rt
EY-29-7_II_3_1	Alps (Switzerland)	99.53	100.58	2526	ND	978	198	NA	2	1632	1823	194	91	0.00070751	2.8195E-05	0.9992643	Rt
EY-29-7_II_4_1	Alps (Switzerland)	100.06	101.39	3030	ND	1497	380	NA	ND	1287	2300	843	51	0.00066743	5.7802E-06	0.99932679	Rt
EY-29-7_II_5_1	Alps (Switzerland)	99.83	100.67	2036	ND	499	181	NA	8	2147	1034	115	60	0.00229984	0.00010114	0.99759902	Rt
EY-29-7_II_6_1	Alps (Switzerland)	101.13	101.83	1612	ND	393	101	NA	18	1700	1022	56	98	0.00252588	0.0002528	0.99722132	Rt
EY-29-7_II_7_1	Alps (Switzerland)	100.43	101.27	1484	ND	798	184	NA	65	1333	1860	150	34	0.00063257	3.288E-05	0.99933455	Rt
EY-29-7_II_8_1	Alps (Switzerland)	101.06	101.73	1360	ND	378	100	NA	ND	1645	1188	19	91	0.00128704	0.00053238	0.99818058	Rt
EY-29-7_II_9	Alps (Switzerland)	100.59	101.66	1016	60	181	85	NA	866	1757	280	13	2067	0.02523255	0.00137061	0.97339685	Rt
EY-29-7_II_10_1	Alps (Switzerland)	97.38	98.94	1979	78	887	181	NA	1320	1388	1496	272	1985	0.00120692	2.0983E-05	0.9987721	Rt
EY-29-7_II_11_1	Alps (Switzerland)	100.26	101.69	992	ND	1576	67	NA	6	676	3480	3363	7	0.00036186	8.9128E-07	0.99963725	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
EY-29-7_II_12	Alps (Switzerland)	100.49	101.52	3009	ND	489	120	NA	123	2307	1031	148	77	0.00324213	0.00013402	0.99662385	Rt
EY-29-7_II_14_1	Alps (Switzerland)	99.52	101.35	2177	ND	613	334	NA	33	1390	2867	4892	576	0.00157036	9.3508E-06	0.99842029	Rt
EY-29-7_II_15_1	Alps (Switzerland)	98.08	99.27	973	19	285	1430	NA	374	1978	843	114	1678	0.00378562	0.00015021	0.99606417	Rt
EY-29-7_II_16	Alps (Switzerland)	99.33	100.73	200	ND	3670	3334	NA	10	793	1864	196	47	4.2413E-05	1.0238E-07	0.99995748	Rt
EY-29-7_II_17_1	Alps (Switzerland)	99.96	101.75	6746	ND	603	19	NA	176	3483	1411	282	11	0.00229254	0.00012215	0.99758531	Rt
EY-29-7_II_18_1	Alps (Switzerland)	100.36	101.18	797	ND	1525	1075	NA	60	1614	624	246	26	0.0012999	1.3993E-06	0.9986987	Rt
EY-29-7_II_19_1	Alps (Switzerland)	99.91	100.68	531	ND	1027	203	NA	2	672	2856	147	3	0.00018814	9.8765E-06	0.99980198	Rt
EY-29-7_II_20_1	Alps (Switzerland)	100.8	101.39	909	ND	366	41	NA	43	1674	1019	137	19	0.00239686	8.1403E-05	0.99752174	Rt
EY-29-7_II_21	Alps (Switzerland)	99.63	101.3	4058	ND	626	504	NA	48	2267	3030	1341	47	0.00093854	3.6135E-05	0.99902533	Rt
EY-29-7_II_22	Alps (Switzerland)	99.72	101.45	3255	ND	763	933	NA	51	1983	2399	3035	28	0.00141648	9.6178E-06	0.99857391	Rt
EY-29-7_II_23	Alps (Switzerland)	100.31	101.09	1562	ND	1108	34	NA	32	1405	1316	38	24	0.00051452	3.6262E-05	0.99944921	Rt
EY-29-7_II_24	Alps (Switzerland)	99.1	100.78	2643	ND	636	526	NA	38	1651	2793	3212	357	0.00136368	1.3055E-05	0.99862327	Rt
EY-29-7_II_25	Alps (Switzerland)	97.58	100.33	10835	ND	558	371	NA	224	5978	1472	214	25	0.00185185	0.00023337	0.99791478	Rt
EY-29-7_II_26	Alps (Switzerland)	101.89	102.71	2040	ND	532	49	NA	35	1206	1713	70	55	0.00126823	0.00021362	0.99851815	Rt
EY-29-7_II_27	Alps (Switzerland)	101.2	101.77	662	ND	68	ND	NA	78	1642	900	543	148	0.0243044	0.00097103	0.97472457	Rt
EY-29-7_II_28	Alps (Switzerland)	99.04	99.75	1102	ND	593	78	NA	26	1417	1740	152	5	0.00075102	4.2943E-05	0.99920603	Rt
EY-29-7_II_29	Alps (Switzerland)	97.76	98.22	125	ND	396	24	NA	8	1534	864	178	158	0.00075276	5.4311E-06	0.99924181	Rt
EY-29-7_II_30	Alps (Switzerland)	100.37	101.15	790	ND	478	42	NA	53	1140	2056	965	3	0.0012241	1.5615E-05	0.99876028	Rt
EY-29-16_II_1_1	Alps (Switzerland)	97.72	98.36	122	ND	758	147	NA	ND	1582	1806	105	41	7.8086E-05	2.3154E-06	0.9999196	Rt
EY-29-16_II_2_1	Alps (Switzerland)	100.8	101.36	365	ND	380	199	NA	21	1924	1095	91	35	0.00077027	3.2887E-05	0.99919684	Rt
EY-29-16_II_3_1	Alps (Switzerland)	98.92	99.69	86	ND	177	ND	NA	ND	3995	1327	100	57	0.00022182	2.4114E-05	0.99975406	Rt
SAB-04-S299_IIb_1_1	Alps (Switzerland)	98.86	99.48	1098	ND	138	13	60	143	1765	876	120	151	0.01085166	0.00142702	0.98772132	Rt
SAB-04-S299_IIb_1_2	Alps (Switzerland)	98.36	99.1	609	ND	133	244	65	272	2868	833	107	194	0.00471863	0.00056766	0.99471371	Rt
SAB-04-S299_IIb_1_3	Alps (Switzerland)	98.77	99.3	585	ND	156	30	51	101	1969	807	113	25	0.00634285	0.0006203	0.99303684	Rt
SAB-04-S299_IIb_2_1	Alps (Switzerland)	98.67	99.48	1173	ND	864	90	15	14	1079	2275	101	20	0.00064346	0.00037081	0.99898573	Rt
SAB-04-S299_IIb_3	Alps (Switzerland)	98.23	99.07	1595	ND	554	230	121	29	2152	1098	87	165	0.0011963	4.0406E-05	0.99876329	Rt
SAB-04-S299_IIb_4_1	Alps (Switzerland)	98.45	99.28	454	ND	95	197	67	151	3913	1214	115	1	0.00213521	0.00079214	0.99707265	Rt
SAB-04-S299_IIb_4_2	Alps (Switzerland)	97.88	98.54	446	ND	109	193	30	148	2581	1162	104	9	0.00366683	0.00238122	0.99395195	Rt
SAB-04-S299_IIb_4_3	Alps (Switzerland)	98.27	99.02	521	ND	91	315	55	174	2936	1248	113	30	0.00329453	0.00163911	0.99506636	Rt
SAB-04-S299_IIb_5_1	Alps (Switzerland)	98.94	99.63	852	ND	820	126	63	61	1639	1281	124	20	0.00065297	1.9432E-05	0.99932759	Rt
SAB-04-S299_IIb_6_1	Alps (Switzerland)	97.82	98.91	213	ND	719	846	46	ND	5458	854	81	ND	0.00017027	4.7764E-06	0.99982495	Rt
SAB-04-S299_IIb_6_2	Alps (Switzerland)	97.34	98.28	213	ND	686	1044	27	ND	4153	855	126	4	0.00032088	9.765E-06	0.99966936	Rt
SAB-04-S299_IIb_6_3	Alps (Switzerland)	97.21	98.14	225	ND	632	1208	41	ND	3821	916	133	ND	0.00030863	7.1561E-06	0.99968422	Rt
SAB-04-S299_IIb_7_1	Alps (Switzerland)	99.37	100.19	1370	ND	499	81	53	18	2460	1388	90	9	0.00093828	0.00014213	0.99891959	Rt
SAB-04-S299_IIb_8	Alps (Switzerland)	99.68	100.44	586	ND	401	120	4	468	2528	1175	87	19	0.00198478	0.00339203	0.99462319	Rt
SAB-04-S299_IIb_9_1	Alps (Switzerland)	98.49	100.02	1710	ND	549	2947	102	207	3556	2077	80	ND	0.00026502	6.0633E-05	0.99967435	Rt
SAB-04-S299_IIb_9_2	Alps (Switzerland)	98.76	100.39	1753	ND	496	3143	106	753	3329	2127	46	ND	0.00025463	0.00011603	0.99962934	Rt
SAB-04-S299_IIb_9_3	Alps (Switzerland)	98.8	100.58	1950	ND	507	4058	45	274	4108	2151	63	ND	0.00032446	0.00030701	0.99936853	Rt
SAB-04-S299_IIb_10_1	Alps (Switzerland)	99.95	100.85	1506	ND	523	104	88	28	2634	1540	37	42	0.00046918	0.00012996	0.99940086	Rt
SAB-04-S299_IIb_10_2	Alps (Switzerland)	99.81	101.01	2862	ND	962	187	118	48	2751	1544	140	ND	0.0005141	1.6683E-05	0.99946922	Rt
SAB-04-S299_IIb_10_3	Alps (Switzerland)	100	101.15	2603	ND	994	102	132	49	2632	1538	197	15	0.00051894	9.4517E-06	0.99947161	Rt
SAB-04-S299_IIb_11_1	Alps (Switzerland)	99.81	100.48	406	ND	618	40	39	151	2551	930	101	20	0.00065822	2.4733E-05	0.99931704	Rt
SAB-04-S299_IIb_12_1	Alps (Switzerland)	98.81	100	1985	ND	567	1260	521	73	2459	1725	141	ND	0.00038275	4.8285E-06	0.99961242	Rt
SAB-04-S299_IIb_12_2	Alps (Switzerland)	98.21	99.6	2868	ND	612	1396	526	93	2648	1858	117	12	0.00035786	6.942E-06	0.99963519	Rt
SAB-04-S299_IIb_12_3	Alps (Switzerland)	98.63	99.89	2274	ND	701	1389	575	66	2257	1770	154	22	0.00034407	2.9931E-06	0.99965294	Rt
SAB-04-S299_IIb_13	Alps (Switzerland)	99.41	100.29	318	ND	852	454	336	ND	3248	1155	114	17	0.00010109	3.4936E-07	0.99989856	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S299_Ilb_14	Alps (Switzerland)	98.65	99.43	814	ND	68	187	50	15	3092	1391	109	18	0.00514764	0.0064504	0.98840195	Rt
SAB-04-S299_Ilb_15	Alps (Switzerland)	98.46	99.64	1984	ND	414	427	134	ND	4826	874	147	1	0.00159443	3.5137E-05	0.99837043	Rt
SAB-04-S299_Ilb_16	Alps (Switzerland)	98.45	99.09	264	ND	551	91	35	111	2029	1378	130	28	0.00037154	2.5673E-05	0.99960279	Rt
SAB-04-S299_Ilb_17	Alps (Switzerland)	99.84	100.64	1843	ND	430	79	192	41	2260	782	61	35	0.00236243	4.7727E-05	0.99758985	Rt
SAB-04-S299_Ilb_18	Alps (Switzerland)	99.1	100.02	1496	ND	486	218	121	146	2895	1171	81	12	0.00087294	4.6581E-05	0.99908048	Rt
SAB-04-S299_Ilb_19	Alps (Switzerland)	98.55	99.22	847	ND	546	ND	45	68	1547	1563	84	31	0.00075414	0.00011928	0.99912658	Rt
SAB-04-S299_Ilb_20	Alps (Switzerland)	98.82	99.84	931	ND	133	1328	18	201	4313	614	96	ND	0.01154404	0.00442943	0.98402653	Rt
SAB-04-S299_Ilb_21	Alps (Switzerland)	98.73	99.69	848	ND	740	604	42	307	3406	959	92	3	0.00064884	3.1932E-05	0.99931923	Rt
SAB-04-S299_Ilb_22	Alps (Switzerland)	99.29	100.21	1202	ND	816	9	42	402	2567	1375	93	15	0.00052199	5.1971E-05	0.99942604	Rt
SAB-04-S299_Ilb_23	Alps (Switzerland)	97.4	98.53	1477	ND	392	542	265	12	4623	1028	90	ND	0.00070816	1.6473E-05	0.99927537	Rt
SAB-04-S299_Ilb_25	Alps (Switzerland)	97.63	98.45	981	ND	840	ND	38	201	2447	1251	55	30	0.00046695	6.343E-05	0.99946962	Rt
SAB-04-S299_Ilb_26	Alps (Switzerland)	98.14	99.3	2208	ND	419	690	96	65	3403	1425	155	ND	0.00112954	9.057E-05	0.99877989	Rt
SAB-04-S299_Ilb_27	Alps (Switzerland)	98.4	99.52	3232	ND	453	208	110	44	3237	767	87	18	0.00346619	0.00011469	0.99641911	Rt
SAB-04-S299_Ilb_28	Alps (Switzerland)	96.57	98.27	2418	ND	4674	891	728	45	1355	1631	292	27	8.9384E-05	2.3073E-08	0.99991059	Rt
SAB-04-S299_Ilb_29	Alps (Switzerland)	100.32	101.08	816	ND	376	77	24	55	3346	759	112	34	0.00269714	0.00025951	0.99704335	Rt
SAB-04-S299_Ilb_30	Alps (Switzerland)	99.5	100.43	1745	ND	624	200	280	64	2326	1359	132	ND	0.0006092	7.941E-06	0.99938286	Rt
SAB-04-S299_Ilb_31	Alps (Switzerland)	98.48	99.4	2034	ND	316	699	154	65	1817	1512	61	1	0.0014728	0.00022571	0.99830149	Rt
SAB-04-S299_Ilb_32	Alps (Switzerland)	97.91	99.65	5079	ND	2668	331	143	234	2253	1373	155	21	0.00036338	2.3043E-06	0.99963432	Rt
SAB-04-S300_Ilb_1_1	Alps (Switzerland)	99.23	100.19	235	ND	538	143	35	ND	3897	2143	90	ND	7.6802E-05	2.5913E-05	0.99989729	Rt
SAB-04-S300_Ilb_1_2	Alps (Switzerland)	99.41	100.39	271	ND	565	160	32	ND	3951	2168	58	14	7.0213E-05	4.2394E-05	0.99988739	Rt
SAB-04-S300_Ilb_1_3	Alps (Switzerland)	98.25	99.48	733	ND	630	1212	53	ND	4030	2252	169	6	0.00014556	2.3915E-05	0.99983053	Rt
SAB-04-S300_Ilb_2_1	Alps (Switzerland)	99.08	99.79	124	ND	248	251	32	241	2623	1506	72	10	0.00029232	0.00010513	0.99960255	Rt
SAB-04-S300_Ilb_2_2	Alps (Switzerland)	98.91	99.63	112	ND	257	230	59	265	2637	1523	55	22	0.00018748	4.3175E-05	0.99976934	Rt
SAB-04-S300_Ilb_2_3	Alps (Switzerland)	98.92	99.68	117	ND	282	234	18	426	2778	1514	64	1	0.00026713	0.00017657	0.99955629	Rt
SAB-04-S300_Ilb_3_1	Alps (Switzerland)	98.19	99.11	1479	ND	862	330	34	28	2096	1652	119	ND	0.00058415	8.0444E-05	0.9993354	Rt
SAB-04-S300_Ilb_3_2	Alps (Switzerland)	98.82	99.68	1201	ND	654	293	76	36	2079	1660	108	39	0.00049677	4.0418E-05	0.99946282	Rt
SAB-04-S300_Ilb_3_3	Alps (Switzerland)	98.58	99.48	1528	ND	466	350	41	59	2171	1801	117	ND	0.00092627	0.00027271	0.99880102	Rt
SAB-04-S300_Ilb_4	Alps (Switzerland)	99.38	100.18	507	ND	519	132	4	ND	4040	608	167	35	0.00343874	0.00057506	0.9959862	Rt
SAB-04-S300_Ilb_5_1	Alps (Switzerland)	97.5	98.47	1937	ND	787	511	202	46	2104	1271	110	18	0.00066409	9.8176E-06	0.99932609	Rt
SAB-04-S300_Ilb_5_2	Alps (Switzerland)	97.65	98.53	1574	ND	718	290	263	27	2140	1253	96	10	0.00055305	7.0634E-06	0.99943988	Rt
SAB-04-S300_Ilb_5_3	Alps (Switzerland)	97.76	98.69	1748	ND	751	492	162	20	2058	1323	127	31	0.00069538	1.2406E-05	0.99929222	Rt
SAB-04-S300_Ilb_6_1	Alps (Switzerland)	98.35	99.4	2378	ND	278	541	143	102	3052	967	142	ND	0.00354406	0.000137	0.99631894	Rt
SAB-04-S300_Ilb_6_2	Alps (Switzerland)	98.01	99.19	2993	ND	240	378	131	142	3323	1147	164	33	0.0036761	0.00026484	0.99605907	Rt
SAB-04-S300_Ilb_6_3	Alps (Switzerland)	98.43	99.62	3239	ND	289	382	124	121	3230	1065	175	1	0.00386521	0.0001921	0.99594269	Rt
SAB-04-S300_Ilb_7_1	Alps (Switzerland)	97.58	98.54	878	ND	302	417	64	26	4110	1164	147	13	0.00109342	0.00010113	0.99880545	Rt
SAB-04-S300_Ilb_7_2	Alps (Switzerland)	97.78	98.73	947	ND	289	405	69	41	3946	1207	138	ND	0.0011317	0.00011926	0.99874903	Rt
SAB-04-S300_Ilb_7_3	Alps (Switzerland)	97.4	98.44	956	ND	274	431	55	15	4704	1192	99	25	0.00102197	0.00021611	0.99876192	Rt
SAB-04-S300_Ilb_8_1	Alps (Switzerland)	97.8	98.78	1653	ND	488	183	120	11	2014	2393	129	4	0.00042842	6.2872E-05	0.99950871	Rt
SAB-04-S300_Ilb_10_1	Alps (Switzerland)	97.62	98.7	2123	ND	717	768	122	47	2506	1314	171	23	0.00087205	1.886E-05	0.99910909	Rt
SAB-04-S300_Ilb_11_1	Alps (Switzerland)	98.22	99.12	1791	ND	693	198	142	44	2206	1273	131	32	0.00082382	1.7203E-05	0.99915897	Rt
SAB-04-S300_Ilb_12_1	Alps (Switzerland)	98.77	99.59	1999	ND	675	104	104	23	2141	789	112	1	0.0023598	3.0047E-05	0.99761015	Rt
SAB-04-S300_Ilb_12_2	Alps (Switzerland)	99.34	100.31	2221	ND	785	315	187	38	2464	845	138	52	0.0014628	8.4516E-06	0.99852875	Rt
SAB-04-S300_Ilb_12_3	Alps (Switzerland)	99.23	100.44	2571	ND	861	1024	262	14	3108	815	145	40	0.00114613	4.1597E-06	0.99884971	Rt
SAB-04-S300_Ilb_13	Alps (Switzerland)	97.67	98.65	1840	ND	457	265	228	11	3160	1128	102	1	0.00093446	2.1821E-05	0.99904372	Rt
SAB-04-S300_Ilb_14	Alps (Switzerland)	98.16	99.5	4166	ND	553	207	161	78	3182	1244	64	ND	0.00114674	8.7153E-05	0.99876611	Rt
SAB-04-S300_Ilb_15	Alps (Switzerland)	97.86	99.05	2136	ND	3493	ND	70	ND	736	1683	132	17	0.00032927	2.8704E-06	0.99966786	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S300_Ilb_16	Alps (Switzerland)	97.83	98.95	2068	ND	349	589	107	12	4309	775	117	13	0.00275799	8.9971E-05	0.99715204	Rt
SAB-04-S300_Ilb_17	Alps (Switzerland)	100.04	100.71	717	ND	609	106	48	198	2635	511	32	25	0.00187788	6.3175E-05	0.99805895	Rt
SAB-04-S300_Ilb_19	Alps (Switzerland)	99.27	100.3	2128	ND	623	120	148	74	3753	506	154	1	0.00348052	1.1249E-05	0.99650823	Rt
SAB-04-S300_Ilb_20	Alps (Switzerland)	99.43	100.29	1349	ND	502	242	113	62	2703	1209	94	ND	0.00084081	4.0054E-05	0.99911913	Rt
SAB-04-S300_Ilb_21	Alps (Switzerland)	98.26	99.28	1462	ND	516	1222	84	142	2012	1790	118	18	0.00067637	7.5249E-05	0.99924838	Rt
SAB-04-S300_Ilb_22	Alps (Switzerland)	99	100.31	2351	60	864	499	285	571	2166	1474	55	606	0.00036762	1.0375E-05	0.99962201	Rt
SAB-04-S300_Ilb_23	Alps (Switzerland)	99.88	100.98	1519	ND	480	500	214	3	5004	407	84	26	0.00293878	9.7326E-06	0.99705149	Rt
SAB-04-S300_Ilb_24	Alps (Switzerland)	99.59	100.36	250	ND	599	412	101	ND	3730	636	69	ND	0.00041176	3.446E-06	0.99958479	Rt
SAB-04-S300_Ilb_25	Alps (Switzerland)	98.51	99.69	3128	ND	675	416	175	6	2478	1556	93	28	0.00068134	3.3856E-05	0.99928481	Rt
SAB-04-S300_Ilb_26	Alps (Switzerland)	99.15	100.23	2504	ND	452	197	35	6	4365	328	104	ND	0.01535921	0.0002275	0.9844133	Rt
SAB-04-S300_Ilb_27	Alps (Switzerland)	98.82	99.68	1857	ND	538	143	195	92	2465	903	61	ND	0.00131115	2.8461E-05	0.99866039	Rt
SAB-04-S300_Ilb_28	Alps (Switzerland)	100.83	101.73	1622	ND	655	143	191	41	3342	515	61	30	0.00195473	1.0504E-05	0.99803476	Rt
SAB-04-S300_Ilb_30	Alps (Switzerland)	97.7	98.8	2247	ND	669	225	117	33	3960	736	118	17	0.00162881	1.9718E-05	0.99835148	Rt
SAB-04-S300_Ilb_31	Alps (Switzerland)	100.4	101.18	1302	ND	535	105	25	45	2966	644	98	ND	0.003676	0.00020429	0.99611971	Rt
SAB-04-S300_Ilb_33	Alps (Switzerland)	98.19	99.63	1854	1354	368	534	193	52	3608	697	175	962	0.00315497	2.3684E-05	0.99682135	Rt
SAB-04-S300_Ilb_36	Alps (Switzerland)	97.48	98.55	1877	ND	645	167	36	ND	4214	788	155	30	0.00203302	7.7946E-05	0.99788903	Rt
SAB-04-S300_Ilb_37	Alps (Switzerland)	98.83	100.15	3262	ND	252	419	180	9	4107	1332	81	16	0.00166911	0.00025962	0.99807127	Rt
SAB-04-S301_Ilb_1_1	Alps (Switzerland)	97.82	99.13	2272	ND	323	948	195	45	4715	1041	159	ND	0.00157668	4.3987E-05	0.99837934	Rt
SAB-04-S301_Ilb_1_2	Alps (Switzerland)	96.91	98.17	2293	ND	301	802	155	65	4478	1075	151	ND	0.0018143	7.8885E-05	0.99810682	Rt
SAB-04-S301_Ilb_1_3	Alps (Switzerland)	98.3	99.37	1412	ND	385	1223	150	52	3857	866	76	ND	0.0012945	4.2846E-05	0.99866265	Rt
SAB-04-S301_Ilb_2_1	Alps (Switzerland)	98.71	99.66	898	ND	166	102	25	6	3833	1839	99	ND	0.00125575	0.00069277	0.99605148	Rt
SAB-04-S301_Ilb_2_2	Alps (Switzerland)	98.85	99.75	419	ND	144	ND	37	5	4130	1784	121	14	0.0007522	0.00071814	0.99852967	Rt
SAB-04-S301_Ilb_2_3	Alps (Switzerland)	98.82	99.74	679	ND	234	46	4	ND	3844	1851	121	ND	0.00135854	0.01061618	0.98802527	Rt
SAB-04-S301_Ilb_3_1	Alps (Switzerland)	98.5	99.3	1442	ND	677	139	162	133	2334	789	78	8	0.00128696	1.3273E-05	0.99869977	Rt
SAB-04-S301_Ilb_4_1	Alps (Switzerland)	96.95	98.15	2210	ND	505	547	179	41	4400	799	152	11	0.00161843	1.6391E-05	0.99836518	Rt
SAB-04-S301_Ilb_4_2	Alps (Switzerland)	98.51	99.62	1809	ND	486	513	147	23	4375	740	156	ND	0.00180273	1.7937E-05	0.99817933	Rt
SAB-04-S301_Ilb_4_3	Alps (Switzerland)	98.33	99.55	2257	ND	637	616	184	28	4421	708	156	ND	0.00156194	8.7649E-06	0.9984293	Rt
SAB-04-S301_Ilb_5_1	Alps (Switzerland)	98.38	99.43	994	ND	204	906	136	ND	4748	755	153	ND	0.00275805	7.2559E-05	0.9971694	Rt
SAB-04-S301_Ilb_6_1	Alps (Switzerland)	98.81	99.62	1318	ND	528	220	118	104	2271	1171	81	ND	0.00091141	3.9356E-05	0.99904924	Rt
SAB-04-S301_Ilb_6_2	Alps (Switzerland)	98.65	99.53	1542	ND	445	226	92	85	2660	1173	133	21	0.0013746	6.473E-05	0.99856067	Rt
SAB-04-S301_Ilb_6_3	Alps (Switzerland)	98.83	99.62	1271	ND	458	113	146	71	2389	1202	35	41	0.00067051	6.889E-05	0.9992606	Rt
SAB-04-S301_Ilb_7_1	Alps (Switzerland)	98.7	99.48	1499	ND	437	124	59	23	2525	867	109	ND	0.0027016	0.00012876	0.99716964	Rt
SAB-04-S301_Ilb_7_2	Alps (Switzerland)	99.01	99.91	2026	ND	393	201	38	35	2812	918	133	ND	0.003898	0.00036934	0.99573266	Rt
SAB-04-S301_Ilb_7_3	Alps (Switzerland)	99.05	99.86	1511	ND	413	186	59	15	2705	900	100	ND	0.00247281	0.00015406	0.99737313	Rt
SAB-04-S301_Ilb_8_1	Alps (Switzerland)	98.15	99.21	373	ND	380	355	37	ND	5172	1414	142	3	0.00029797	4.731E-05	0.99965473	Rt
SAB-04-S301_Ilb_8_2	Alps (Switzerland)	98.53	99.62	375	ND	379	435	39	ND	5607	1279	58	42	0.00024467	7.6833E-05	0.9996785	Rt
SAB-04-S301_Ilb_8_3	Alps (Switzerland)	98.74	99.85	382	ND	396	603	49	ND	5596	1264	58	ND	0.00022318	5.0835E-05	0.99972598	Rt
SAB-04-S301_Ilb_9_1	Alps (Switzerland)	98.85	99.82	1905	ND	466	393	222	50	3652	406	85	17	0.0048187	1.5171E-05	0.99516613	Rt
SAB-04-S301_Ilb_10_1	Alps (Switzerland)	98.86	99.75	1532	ND	544	854	166	18	2245	1064	109	5	0.00115976	2.0919E-05	0.99881932	Rt
SAB-04-S301_Ilb_11	Alps (Switzerland)	99.47	100.25	2120	ND	590	81	158	197	1614	671	113	5	0.00431729	2.6013E-05	0.9956567	Rt
SAB-04-S301_Ilb_12	Alps (Switzerland)	99.65	100.58	1325	ND	474	287	235	ND	4140	406	64	ND	0.00284834	1.0053E-05	0.9971416	Rt
SAB-04-S301_Ilb_13	Alps (Switzerland)	98.48	99.06	134	ND	1700	31	41	2	984	1132	38	11	0.00010926	2.249E-06	0.99988849	Rt
SAB-04-S301_Ilb_14	Alps (Switzerland)	99.17	100.03	2078	ND	425	213	190	173	1944	946	125	12	0.0027218	4.0588E-05	0.99723761	Rt
SAB-04-S301_Ilb_16	Alps (Switzerland)	100.3	101.08	1805	ND	486	160	169	262	1995	667	38	ND	0.00270813	5.9064E-05	0.99723281	Rt
SAB-04-S301_Ilb_17	Alps (Switzerland)	99.02	100.29	1592	ND	238	405	92	8	6816	330	148	7	0.01172335	8.9697E-05	0.98818695	Rt
SAB-04-S301_Ilb_18	Alps (Switzerland)	99.49	100.34	1749	ND	486	376	153	148	2352	829	58	ND	0.00182816	4.881E-05	0.99812303	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S301_Ilb_19	Alps (Switzerland)	98.24	99.33	2031	ND	355	260	135	98	4327	704	127	ND	0.0029868	5.467E-05	0.99695853	Rt
SAB-04-S301_Ilb_21	Alps (Switzerland)	99.77	100.77	1669	ND	991	594	106	106	1748	1756	184	ND	0.00045059	1.0849E-05	0.99953856	Rt
SAB-04-S301_Ilb_22	Alps (Switzerland)	99.72	100.71	2120	ND	458	316	152	117	3469	523	138	ND	0.00475643	2.5135E-05	0.99521843	Rt
SAB-04-S301_Ilb_23	Alps (Switzerland)	98.53	99.24	1278	ND	572	160	129	43	1783	1139	43	ND	0.00084492	4.9203E-05	0.99910588	Rt
SAB-04-S301_Ilb_24	Alps (Switzerland)	98.71	99.57	1130	ND	523	102	42	24	3241	1137	114	21	0.00099197	9.4688E-05	0.99891334	Rt
SAB-04-S301_Ilb_25	Alps (Switzerland)	97.87	98.62	577	ND	188	402	124	ND	2626	1457	136	ND	0.00106182	0.0001068	0.99883138	Rt
SAB-04-S301_Ilb_26	Alps (Switzerland)	99.71	100.74	1854	ND	605	274	94	46	4271	288	186	10	0.00970486	1.2492E-05	0.99028265	Rt
SAB-04-S301_Ilb_27	Alps (Switzerland)	98.87	99.85	1654	ND	511	794	169	28	3238	663	149	ND	0.00239968	1.3694E-05	0.99758663	Rt
SAB-04-S301_Ilb_28	Alps (Switzerland)	99.93	100.97	1683	ND	145	193	63	4	5021	580	78	6	0.00965055	0.00124255	0.98910691	Rt
SAB-04-S301_Ilb_29	Alps (Switzerland)	97.96	99.09	2875	ND	757	61	44	33	2748	1502	98	ND	0.00089309	0.00015425	0.99895266	Rt
SAB-04-S301_Ilb_30	Alps (Switzerland)	99.12	99.91	1254	ND	476	121	207	62	2269	1230	84	12	0.00075185	2.0907E-05	0.99922724	Rt
SAB-04-S301_Ilb_31	Alps (Switzerland)	100.93	101.67	1195	ND	408	167	17	19	2098	1328	104	ND	0.00206741	0.00096035	0.99697223	Rt
SAB-04-S301_Ilb_32	Alps (Switzerland)	99.57	100.39	1947	ND	429	136	216	290	2266	511	107	ND	0.00604179	2.3952E-05	0.99393426	Rt
SAB-04-S304_Ilb_1_1	Alps (Switzerland)	97.78	98.79	1741	ND	563	293	148	39	3513	953	119	ND	0.00105875	1.8485E-05	0.99892276	Rt
SAB-04-S304_Ilb_1_2	Alps (Switzerland)	98.18	99.1	1635	ND	511	147	147	37	3167	969	118	ND	0.00120215	2.3298E-05	0.99877455	Rt
SAB-04-S304_Ilb_1_3	Alps (Switzerland)	97.36	98.26	1502	ND	453	185	182	29	3241	885	110	27	0.00134655	2.0445E-05	0.99863301	Rt
SAB-04-S304_Ilb_3_1	Alps (Switzerland)	98.34	99.11	633	ND	402	57	78	6	3078	1334	106	ND	0.00053013	4.2104E-05	0.99942777	Rt
SAB-04-S304_Ilb_4_1	Alps (Switzerland)	96.82	97.93	2804	ND	632	177	112	75	1674	2301	99	ND	0.00057613	9.3083E-05	0.99933079	Rt
SAB-04-S304_Ilb_4_2	Alps (Switzerland)	97.4	98.47	2482	ND	630	299	69	65	1566	2285	149	ND	0.00076608	0.00012645	0.99910747	Rt
SAB-04-S304_Ilb_4_3	Alps (Switzerland)	96.44	97.77	3830	ND	560	109	124	105	1973	2537	124	ND	0.00062876	0.00012415	0.99924709	Rt
SAB-04-S304_Ilb_6_1	Alps (Switzerland)	98.98	99.85	1558	ND	671	279	51	68	2307	1281	113	ND	0.00099139	7.4904E-05	0.99893371	Rt
SAB-04-S304_Ilb_6_2	Alps (Switzerland)	98.67	99.5	1397	ND	485	186	73	64	2267	1366	127	ND	0.00109158	7.962E-05	0.9988288	Rt
SAB-04-S304_Ilb_6_3	Alps (Switzerland)	98.29	99.14	1521	ND	815	96	80	86	2099	1242	101	17	0.00074332	2.7341E-05	0.99922934	Rt
SAB-04-S304_Ilb_8_1	Alps (Switzerland)	99.34	100.3	1768	ND	421	143	155	100	3233	1151	75	ND	0.00097214	5.4448E-05	0.99897342	Rt
SAB-04-S304_Ilb_9_1	Alps (Switzerland)	97.78	98.63	1945	ND	539	172	170	158	1803	1194	64	7	0.00117385	4.7329E-05	0.99877883	Rt
SAB-04-S304_Ilb_10_1	Alps (Switzerland)	98.66	99.39	1374	ND	469	124	102	162	1906	1035	55	ND	0.00146401	9.2232E-05	0.99844376	Rt
SAB-04-S304_Ilb_10_2	Alps (Switzerland)	99.19	100	1669	ND	517	164	192	191	1958	1020	35	ND	0.0010575	5.0128E-05	0.99889237	Rt
SAB-04-S304_Ilb_10_3	Alps (Switzerland)	98.8	99.62	1719	ND	517	132	153	195	2023	1033	64	ND	0.00134985	4.6257E-05	0.99860389	Rt
SAB-04-S304_Ilb_11_1	Alps (Switzerland)	98.46	99.28	1459	ND	496	96	123	9	1915	1690	107	ND	0.00069478	5.1018E-05	0.9992542	Rt
SAB-04-S304_Ilb_11_2	Alps (Switzerland)	98.69	99.52	1539	ND	510	128	112	3	1943	1667	90	10	0.00069299	6.4991E-05	0.99924202	Rt
SAB-04-S304_Ilb_11_3	Alps (Switzerland)	98.52	99.4	1577	ND	449	108	123	14	2206	1729	94	ND	0.00066634	7.2004E-05	0.99926166	Rt
SAB-04-S304_Ilb_12_1	Alps (Switzerland)	96.77	97.96	2759	ND	446	297	126	66	3290	1559	113	ND	0.00090248	9.1146E-05	0.99900638	Rt
SAB-04-S304_Ilb_12_2	Alps (Switzerland)	96.77	98.18	3797	ND	497	269	161	75	3736	1574	134	ND	0.00086604	5.9963E-05	0.999074	Rt
SAB-04-S304_Ilb_12_3	Alps (Switzerland)	97.75	98.95	2968	ND	499	43	121	48	3450	1455	119	ND	0.00093892	7.3933E-05	0.99898715	Rt
SAB-04-S304_Ilb_13_1	Alps (Switzerland)	98.15	99.09	1821	ND	293	61	71	16	3499	1079	96	ND	0.00221668	0.00031333	0.99746998	Rt
SAB-04-S304_Ilb_13_2	Alps (Switzerland)	98.03	98.96	1530	ND	234	ND	3	37	3943	1064	49	ND	0.0052194	0.05808052	0.93670008	Rt
SAB-04-S304_Ilb_13_3	Alps (Switzerland)	97.31	98.33	1805	ND	209	50	57	24	4134	1095	113	ND	0.00305617	0.00075885	0.99618498	Rt
SAB-04-S304_Ilb_15_1	Alps (Switzerland)	96.58	97.95	544	ND	677	2576	328	ND	4951	1134	136	ND	0.00014784	7.9793E-07	0.99985136	Rt
SAB-04-S304_Ilb_15_2	Alps (Switzerland)	96.86	98.89	325	ND	712	2133	450	ND	10727	1096	87	ND	3.7671E-05	2.1715E-07	0.99996211	Rt
SAB-04-S304_Ilb_15_3	Alps (Switzerland)	96.77	98.06	372	ND	706	2216	430	ND	4783	1213	58	ND	6.6497E-05	6.0497E-07	0.9999329	Rt
SAB-04-S304_Ilb_16	Alps (Switzerland)	99.58	100.71	878	ND	616	867	49	ND	4351	1533	64	ND	0.00023825	5.6363E-05	0.99970539	Rt
SAB-04-S304_Ilb_17	Alps (Switzerland)	98.3	99.37	1575	ND	460	657	173	98	3806	943	188	ND	0.00127818	1.4408E-05	0.99870741	Rt
SAB-04-S304_Ilb_21	Alps (Switzerland)	98.92	100.06	2043	ND	1147	496	28	138	3473	789	164	ND	0.00150601	3.4946E-05	0.99845904	Rt
SAB-04-S304_Ilb_22	Alps (Switzerland)	98.36	99.16	1300	ND	333	100	37	64	2533	1370	107	ND	0.00169641	0.00049453	0.99780906	Rt
SAB-04-S304_Ilb_23	Alps (Switzerland)	97.2	98.01	1356	ND	626	343	88	95	2362	965	29	ND	0.00083172	7.8241E-05	0.99909003	Rt
SAB-04-S304_Ilb_24	Alps (Switzerland)	97.1	98.17	1432	ND	536	366	193	28	4567	783	55	ND	0.00076058	1.5453E-05	0.99922397	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S304_Ilb_25	Alps (Switzerland)	97.68	98.71	1750	ND	376	373	268	76	3594	1037	70	ND	0.00096639	3.0035E-05	0.99900358	Rt
SAB-04-S304_Ilb_27	Alps (Switzerland)	99.49	100.38	1734	ND	608	151	55	121	2886	751	155	ND	0.00272985	5.3418E-05	0.99721673	Rt
SAB-04-S304_Ilb_28	Alps (Switzerland)	99.13	100.31	2668	ND	214	324	159	28	4542	665	118	ND	0.00634765	0.00019103	0.99346132	Rt
SAB-04-S304_Ilb_29	Alps (Switzerland)	100.67	101.7	1854	ND	486	165	223	32	3820	846	126	ND	0.00132507	1.347E-05	0.99866146	Rt
SAB-04-S304_Ilb_31	Alps (Switzerland)	99.9	100.98	1869	ND	545	303	169	80	4222	640	94	1	0.00175916	1.6054E-05	0.99822479	Rt
SAB-04-S304_Ilb_32	Alps (Switzerland)	98.22	99.25	1388	ND	356	427	132	46	4078	1090	88	22	0.00096393	5.8429E-05	0.99897764	Rt
SAB-04-S304_Ilb_33	Alps (Switzerland)	97.67	98.66	1372	ND	1300	500	57	ND	1063	2542	98	12	0.00023699	2.73E-05	0.99973571	Rt
SAB-04-S304_Ilb_35	Alps (Switzerland)	98.94	99.98	1721	ND	441	264	1000	91	3413	691	85	ND	0.00116052	2.2929E-06	0.99883719	Rt
SAB-04-S304_Ilb_37	Alps (Switzerland)	99.58	100.65	278	ND	837	1076	142	ND	3745	1694	151	8	6.0817E-05	9.6187E-07	0.99993822	Rt
SAB-04-S304_Ilb_38	Alps (Switzerland)	97.15	98.09	1184	ND	826	274	27	16	3557	1010	29	ND	0.00052134	0.0001569	0.99932176	Rt
SAB-04-S304_Ilb_41	Alps (Switzerland)	98.81	99.58	1251	ND	356	222	111	34	2185	1360	35	19	0.00084382	0.00019935	0.99895683	Rt
SAB-04-S304_Ilb_42	Alps (Switzerland)	98.2	99.07	349	ND	1156	615	125	ND	3287	779	138	ND	0.00023089	5.8474E-07	0.99976853	Rt
SAB-04-S304_Ilb_43	Alps (Switzerland)	97.86	98.79	1913	ND	478	293	233	17	2847	886	101	3	0.00153438	1.9161E-05	0.99844645	Rt
SAB-04-S304_Ilb_44	Alps (Switzerland)	97.73	98.35	677	ND	645	52	13	ND	1728	1207	124	ND	0.00131498	0.00023828	0.99844673	Rt
SAB-04-S304_Ilb_45	Alps (Switzerland)	100.51	101.62	1272	ND	328	1005	60	85	3005	2211	149	ND	0.00058023	0.00022013	0.99919964	Rt
SAB-04-S304_Ilb_47	Alps (Switzerland)	97.99	99.08	1999	ND	660	234	558	139	3472	743	138	ND	0.00102491	1.8044E-06	0.99897328	Rt
SAB-04-S305_Ilb_1_1	Alps (Switzerland)	100.79	101.65	1997	ND	515	158	209	240	1905	964	95	12	0.00185502	2.686E-05	0.99811812	Rt
SAB-04-S305_Ilb_2_1	Alps (Switzerland)	98.62	99.22	489	ND	39	108	148	ND	3080	567	85	34	0.02023916	0.00215975	0.97760109	Rt
SAB-04-S305_Ilb_2_2	Alps (Switzerland)	99.09	99.82	1025	ND	33	ND	182	ND	3438	559	163	23	0.04481487	0.00320883	0.9519763	Rt
SAB-04-S305_Ilb_2_3	Alps (Switzerland)	99.13	99.88	984	ND	57	81	213	ND	3664	541	99	3	0.01941342	0.00096111	0.97962547	Rt
SAB-04-S305_Ilb_3_1	Alps (Switzerland)	98.97	99.88	1953	ND	477	186	194	200	2589	838	99	8	0.00199598	2.6804E-05	0.99797722	Rt
SAB-04-S305_Ilb_4_1	Alps (Switzerland)	98.49	99.35	1887	ND	341	155	202	204	2359	953	87	6	0.00232564	6.4445E-05	0.99760992	Rt
SAB-04-S305_Ilb_5_1	Alps (Switzerland)	97.45	98.95	2168	ND	393	1921	91	35	5584	856	167	15	0.0019564	6.4073E-05	0.99797953	Rt
SAB-04-S305_Ilb_5_2	Alps (Switzerland)	97.94	99.25	1568	ND	408	1726	180	53	4996	824	98	ND	0.00115094	2.3027E-05	0.99882604	Rt
SAB-04-S305_Ilb_5_3	Alps (Switzerland)	97.28	98.91	1817	ND	447	2639	138	49	6218	831	161	ND	0.00120459	2.0277E-05	0.99877513	Rt
SAB-04-S305_Ilb_6_1	Alps (Switzerland)	98.97	99.89	1798	ND	441	154	102	32	3452	605	105	43	0.00356623	5.2244E-05	0.99638152	Rt
SAB-04-S305_Ilb_7_1	Alps (Switzerland)	97.21	98.44	1028	ND	249	1566	145	ND	5245	948	105	ND	0.00119024	5.9298E-05	0.99875047	Rt
SAB-04-S305_Ilb_7_2	Alps (Switzerland)	97.37	99.12	1360	ND	298	1678	120	ND	8744	956	126	ND	0.00083756	4.7306E-05	0.99911514	Rt
SAB-04-S305_Ilb_7_3	Alps (Switzerland)	97.12	98.89	2004	ND	276	3597	131	ND	6194	1073	115	ND	0.00129991	0.00010635	0.99859374	Rt
SAB-04-S305_Ilb_8_1	Alps (Switzerland)	97.58	98.61	2418	ND	452	251	229	264	2665	1002	117	8	0.00176349	2.8967E-05	0.99820754	Rt
SAB-04-S305_Ilb_9_1	Alps (Switzerland)	99	99.85	1404	ND	665	270	102	159	2521	898	95	9	0.00119069	2.3012E-05	0.99878629	Rt
SAB-04-S305_Ilb_9_2	Alps (Switzerland)	99.11	99.92	1277	ND	430	147	132	123	2764	952	78	24	0.00128358	4.367E-05	0.99867275	Rt
SAB-04-S305_Ilb_9_3	Alps (Switzerland)	98.91	100.08	2848	ND	532	423	159	175	3192	1020	129	ND	0.00159881	3.4616E-05	0.99836657	Rt
SAB-04-S305_Ilb_10_1	Alps (Switzerland)	98.98	99.83	1840	ND	463	103	197	198	2196	1019	62	8	0.00138619	4.3618E-05	0.9985702	Rt
SAB-04-S305_Ilb_11	Alps (Switzerland)	99.1	99.93	1759	ND	762	78	221	179	1998	870	35	ND	0.00088249	1.6371E-05	0.99910114	Rt
SAB-04-S305_Ilb_12	Alps (Switzerland)	98.47	99.36	1641	ND	635	208	45	13	1386	2211	123	46	0.00071501	0.00017152	0.99911347	Rt
SAB-04-S305_Ilb_13	Alps (Switzerland)	98.71	99.35	252	ND	499	27	54	ND	2292	1426	87	31	0.00025418	2.0656E-05	0.99972517	Rt
SAB-04-S305_Ilb_14	Alps (Switzerland)	98.89	99.77	1677	ND	532	65	228	159	2849	786	81	ND	0.00142627	1.4695E-05	0.99855903	Rt
SAB-04-S305_Ilb_15	Alps (Switzerland)	98.05	99.01	489	ND	217	109	52	18	3407	1827	121	516	0.00054345	0.0002294	0.99922714	Rt
SAB-04-S305_Ilb_17	Alps (Switzerland)	99.03	99.85	1194	ND	647	470	169	25	1961	1388	70	50	0.00047836	1.6919E-05	0.99950472	Rt
SAB-04-S305_Ilb_18	Alps (Switzerland)	98.4	99.29	1948	ND	444	120	176	173	2075	1291	81	20	0.00119046	5.715E-05	0.99875239	Rt
SAB-04-S305_Ilb_19	Alps (Switzerland)	99.25	100.11	1926	ND	451	126	201	187	1931	1241	58	13	0.00113984	5.8277E-05	0.99880188	Rt
SAB-04-S305_Ilb_20	Alps (Switzerland)	99.92	100.48	916	ND	335	17	75	197	1208	1109	35	15	0.00203135	0.00035673	0.99761192	Rt
SAB-04-S305_Ilb_21	Alps (Switzerland)	99.57	100.29	470	ND	203	ND	45	ND	3173	1235	130	55	0.00131353	0.00026247	0.998424	Rt
SAB-04-S305_Ilb_23	Alps (Switzerland)	98.71	99.74	593	ND	451	1010	138	ND	4644	842	87	11	0.00052789	9.8496E-06	0.99946226	Rt
SAB-04-S305_Ilb_24	Alps (Switzerland)	98.27	99.17	1996	ND	378	169	208	145	2559	973	82	11	0.00187664	5.2306E-05	0.99807105	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S305_Ilb_25	Alps (Switzerland)	98.33	99.28	2569	ND	403	122	204	51	2405	938	191	9	0.00317177	3.4732E-05	0.99679349	Rt
SAB-04-S305_Ilb_27	Alps (Switzerland)	99.2	99.81	254	ND	776	19	28	23	1282	1858	101	16	0.00021948	2.6957E-05	0.99975357	Rt
SAB-04-S305_Ilb_28	Alps (Switzerland)	98.97	99.77	1816	ND	624	46	218	168	1862	949	35	5	0.00104087	2.9711E-05	0.99892942	Rt
SAB-04-S305_Ilb_30	Alps (Switzerland)	97.47	98.31	1862	ND	423	170	180	207	1827	1174	107	ND	0.00175723	4.9588E-05	0.99819318	Rt
SAB-04-S305_Ilb_31	Alps (Switzerland)	97.74	98.94	2146	ND	315	577	93	26	5166	553	115	ND	0.00512101	0.000115	0.994764	Rt
SAB-04-S305_Ilb_32	Alps (Switzerland)	97.52	98.44	1898	ND	458	260	252	174	2623	946	101	ND	0.00149513	2.0158E-05	0.99848471	Rt
SAB-04-S305_Ilb_33	Alps (Switzerland)	97.98	98.85	1576	ND	532	173	169	97	1803	1728	73	17	0.00054784	4.1153E-05	0.999411	Rt
SAB-04-S305_Ilb_34	Alps (Switzerland)	98.51	99.35	1873	ND	577	102	212	102	2352	820	55	25	0.00142118	2.2965E-05	0.99855586	Rt
STR-04-S306_Ilb_4_1	Alps (Switzerland)	99.06	99.61	930	ND	328	ND	1	50	1316	1243	ND	ND	0.00066125	0.70771673	0.29162202	Brk
STR-04-S306_Ilb_4_2	Alps (Switzerland)	99.86	100.29	277	ND	324	ND	10	26	1358	1039	15	22	0.00129374	0.00289297	0.99581329	Rt
STR-04-S306_Ilb_4_3	Alps (Switzerland)	99.44	99.97	673	ND	315	ND	25	50	1394	1178	9	65	0.00127201	0.00347574	0.99525226	Rt
STR-04-S306_Ilb_5_1	Alps (Switzerland)	97.93	98.58	658	ND	411	ND	15	80	2870	707	ND	3	0.00068668	0.00972449	0.98958883	Rt
STR-04-S306_Ilb_5_2	Alps (Switzerland)	98.99	99.88	2061	ND	450	30	13	125	2733	975	ND	ND	0.00089719	0.04201093	0.95709188	Rt
STR-04-S306_Ilb_5_3	Alps (Switzerland)	98.51	99.21	771	ND	394	ND	ND	163	2705	865	ND	102	0.00090052	0.42161264	0.57748685	Rt
STR-04-S306_Ilb_7_1	Alps (Switzerland)	97.97	98.56	52	ND	347	12	16	20	2581	1257	46	2	0.000158	6.1055E-05	0.99978095	Rt
STR-04-S306_Ilb_8_1	Alps (Switzerland)	98.38	99.17	ND	ND	50	ND	7	4	2556	2969	58	ND	2.0845E-05	0.00021795	0.9997612	Rt
STR-04-S306_Ilb_8_2	Alps (Switzerland)	97.71	98.53	ND	ND	68	19	28	ND	2562	3133	49	5	7.7998E-06	1.6708E-05	0.99997549	Rt
STR-04-S306_Ilb_8_3	Alps (Switzerland)	98.36	99.18	41	ND	59	44	ND	ND	2564	3164	26	ND	0.00030654	0.25461682	0.74507664	Rt
STR-04-S306_Ilb_9_1	Alps (Switzerland)	97.91	98.55	1091	ND	434	ND	ND	79	1302	1487	17	53	0.00280125	0.18094607	0.81625268	Rt
STR-04-S306_Ilb_9_2	Alps (Switzerland)	98.37	98.99	1237	ND	488	ND	ND	73	1286	1279	29	1	0.00460662	0.11158444	0.88380894	Rt
STR-04-S306_Ilb_9_3	Alps (Switzerland)	97.16	97.81	1055	ND	464	ND	11	71	1521	1464	17	ND	0.00118793	0.00520732	0.99360475	Rt
STR-04-S306_Ilb_10_1	Alps (Switzerland)	99.32	99.98	1267	ND	521	41	24	18	1766	1084	29	8	0.00162406	0.00088839	0.99748755	Rt
STR-04-S306_Ilb_10_2	Alps (Switzerland)	99.37	99.96	1126	ND	546	ND	44	ND	1532	993	12	9	0.00114267	0.00056603	0.99829131	Rt
STR-04-S306_Ilb_10_3	Alps (Switzerland)	98.73	99.37	1297	ND	525	41	3	24	1487	1104	ND	30	0.00106195	0.17973053	0.81920752	Rt
STR-04-S306_Ilb_12_1	Alps (Switzerland)	99.93	100.41	278	ND	257	25	35	162	2089	602	55	ND	0.00294442	0.00020131	0.99685427	Rt
STR-04-S306_Ilb_12_2	Alps (Switzerland)	99.02	99.53	233	ND	334	ND	38	168	2243	644	58	38	0.00157059	7.5711E-05	0.9983537	Rt
STR-04-S306_Ilb_12_3	Alps (Switzerland)	99.56	100.06	217	ND	184	ND	49	138	2425	595	49	18	0.00270043	0.00019992	0.99709965	Rt
STR-04-S306_Ilb_1_1	Alps (Switzerland)	99.17	99.72	745	ND	135	ND	114	28	1249	1559	17	71	0.00174065	0.00238254	0.99587681	Rt
STR-04-S306_Ilb_1_2	Alps (Switzerland)	99.12	99.77	551	ND	138	59	103	234	1038	1908	35	338	0.00146026	0.00133564	0.9972041	Rt
STR-04-S306_Ilb_1_3	Alps (Switzerland)	99.24	99.94	986	ND	173	236	132	167	1056	1808	ND	268	0.00055131	0.01310941	0.98633928	Rt
STR-04-S306_Ilb_2_1	Alps (Switzerland)	100.23	100.9	9	ND	163	4	18	5	2983	1773	30	0	3.7845E-05	5.5376E-05	0.99990678	Rt
STR-04-S306_Ilb_4_1	Alps (Switzerland)	98.59	99.3	1759	ND	263	ND	25	137	1368	1444	12	ND	0.00251108	0.01440166	0.98308726	Rt
STR-04-S306_Ilb_4_2	Alps (Switzerland)	98.59	99.03	233	ND	337	ND	28	100	1367	1061	12	ND	0.00067547	0.00057787	0.99874666	Rt
STR-04-S306_Ilb_4_3	Alps (Switzerland)	97.84	98.33	450	ND	343	ND	ND	111	1327	1194	9	23	0.00223709	0.16078369	0.83697922	Rt
STR-04-S306_Ilb_6_1	Alps (Switzerland)	100.37	100.93	132	ND	624	ND	13	ND	2236	1033	58	3	0.00031434	5.3046E-05	0.99963261	Rt
STR-04-S306_Ilb_6_2	Alps (Switzerland)	101.44	102.02	105	ND	593	5	55	ND	2354	1031	58	38	0.00016143	5.5437E-06	0.99983303	Rt
STR-04-S306_Ilb_6_3	Alps (Switzerland)	98.48	99.05	88	ND	593	ND	23	ND	2180	1196	100	ND	0.00018765	1.1978E-05	0.99980037	Rt
STR-04-S306_Ilb_7	Alps (Switzerland)	98.94	100.2	1474	ND	1134	53	37	ND	233	3985	1929	ND	0.00163611	2.5746E-05	0.99833815	Rt
STR-04-S306_Ilb_8	Alps (Switzerland)	99.36	99.83	108	ND	91	ND	ND	182	1510	1432	35	ND	0.00303043	0.22982857	0.76714101	Rt
STR-04-S306_Ilb_9	Alps (Switzerland)	98.63	99.08	319	ND	350	13	10	29	972	1463	6	50	0.00072526	0.00761709	0.99165764	Rt
STR-04-S307_Ilb_NM_1_1	Alps (Switzerland)	97.18	99.5	211	1137	4685	ND	ND	511	2725	1117	3119	1799	0.00029861	1.9002E-06	0.99969949	Rt
STR-04-S307_Ilb_NM_1_2	Alps (Switzerland)	98.96	100.15	202	ND	4024	30	35	ND	51	1028	3023	ND	0.00457927	1.3694E-07	0.99542059	Rt
STR-04-S307_Ilb_NM_1_3	Alps (Switzerland)	99.06	100.23	211	ND	4066	ND	8	ND	62	1059	2782	7	0.00602166	1.1373E-06	0.9939772	Rt
STR-04-S307_Ilb_NM_2_1	Alps (Switzerland)	97.21	98.42	1683	ND	753	ND	ND	54	1933	2344	1739	82	0.00351532	0.00370923	0.99277545	Rt
STR-04-S307_Ilb_NM_2_2	Alps (Switzerland)	97.59	98.87	1735	ND	777	ND	41	4	2756	2198	1718	8	0.00076904	1.369E-05	0.99921727	Rt
STR-04-S307_Ilb_NM_2_3	Alps (Switzerland)	97.66	98.69	1658	ND	796	30	ND	11	927	2206	1688	ND	0.00709982	0.0047773	0.98812288	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S307_Ilb_NM_5_1	Alps (Switzerland)	98.17	99.1	147	ND	50	42	21	2	940	798	4888	9	0.06913347	0.00059655	0.93026998	Rt
STR-04-S307_Ilb_NM_5_2	Alps (Switzerland)	98.08	99.05	150	ND	30	88	56	6	1031	837	4886	44	0.07437711	0.00046714	0.92515575	Rt
STR-04-S307_Ilb_NM_6_1	Alps (Switzerland)	98.21	99.51	959	ND	674	10	23	ND	153	4168	3106	3	0.0039593	9.4439E-05	0.99594626	Rt
STR-04-S307_Ilb_NM_4_1	Alps (Switzerland)	99.05	100.27	534	ND	569	14	34	18	687	2450	4363	52	0.0019022	1.0881E-05	0.99808692	Rt
STR-04-S307_Ilb_NM_4_2	Alps (Switzerland)	100.3	101.49	619	ND	534	ND	27	ND	740	2576	4059	4	0.0020687	2.1551E-05	0.99790975	Rt
STR-04-S307_Ilb_NM_4_3	Alps (Switzerland)	98.91	100.03	768	ND	579	ND	39	ND	495	2586	3508	10	0.00269903	1.8792E-05	0.99728218	Rt
STR-04-S307_Ilb_NM_5_1	Alps (Switzerland)	95.6	97.18	1538	ND	1269	ND	ND	ND	129	6917	1002	7	0.00271711	0.01057577	0.98670712	Rt
STR-04-S307_Ilb_NM_6_1	Alps (Switzerland)	96.77	98.27	2313	ND	1360	33	31	23	369	3605	2779	26	0.00176164	2.1119E-05	0.99821724	Rt
STR-04-S307_Ilb_NM_7_1	Alps (Switzerland)	97.45	98.61	1005	ND	981	110	106	ND	1178	2643	2248	ND	0.00048193	1.5395E-06	0.99951653	Rt
STR-04-S307_Ilb_NM_7_2	Alps (Switzerland)	98.88	100.02	1027	ND	962	67	147	ND	1258	2504	2188	ND	0.00045903	9.899E-07	0.99953998	Rt
STR-04-S307_Ilb_NM_7_3	Alps (Switzerland)	99.36	100.49	1054	ND	965	149	121	ND	1230	2420	2156	7	0.00053943	1.3522E-06	0.99945922	Rt
STR-04-S307_Ilb_NM_8_1	Alps (Switzerland)	97.72	98.61	2026	ND	668	6	21	3	774	2146	655	ND	0.00322058	0.00024266	0.99653676	Rt
STR-04-S307_Ilb_NM_9_1	Alps (Switzerland)	99.62	100.86	3450	ND	1253	ND	60	ND	330	2763	711	50	0.00239563	3.9271E-05	0.9975651	Rt
STR-04-S307_Ilb_NM_9_2	Alps (Switzerland)	98.63	100.01	4124	ND	1307	42	17	ND	353	2938	811	ND	0.00357037	0.00024321	0.99618643	Rt
STR-04-S307_Ilb_NM_9_3	Alps (Switzerland)	98.92	100.4	4656	ND	1332	ND	ND	ND	372	2967	945	ND	0.00993818	0.01367577	0.97638605	Rt
STR-04-S307_Ilb_NM_10	Alps (Switzerland)	98.71	99.29	160	ND	313	ND	24	ND	405	2128	1088	15	0.0022287	5.9439E-05	0.99771186	Rt
STR-04-S307_Ilb_NM_11	Alps (Switzerland)	97.77	99.16	3197	ND	720	22	54	31	3092	1822	879	108	0.0012331	3.1209E-05	0.99873569	Rt
STR-04-S307_Ilb_NM_12	Alps (Switzerland)	99.17	100.78	2013	ND	683	46	1	1	476	2880	4416	662	0.01528975	0.00693501	0.97777525	Rt
STR-04-S307_Ilb_NM_14	Alps (Switzerland)	98.87	99.61	1248	ND	441	ND	97	96	2035	1258	149	ND	0.00136009	5.2786E-05	0.99858712	Rt
STR-04-S307_Ilb_NM_15	Alps (Switzerland)	100.43	101.38	1837	ND	757	47	ND	ND	401	2273	1408	ND	0.01560933	0.01094749	0.97344319	Rt
STR-04-S307_Ilb_NM_17	Alps (Switzerland)	98.8	99.67	385	ND	1093	ND	51	4	315	2898	1312	47	0.00063767	3.5681E-06	0.99935876	Rt
STR-04-S307_Ilb_NM_18	Alps (Switzerland)	99.08	100.11	1690	ND	625	ND	6	8	232	2083	2676	ND	0.02332161	0.00096823	0.97571016	Rt
STR-04-S307_Ilb_NM_19	Alps (Switzerland)	97.05	98.12	1494	ND	699	60	22	80	1721	2282	1270	ND	0.00125981	5.897E-05	0.99868122	Rt
STR-04-S307_Ilb_NM_20	Alps (Switzerland)	96.87	98	2342	ND	1043	59	28	ND	242	3006	1151	ND	0.00381834	0.00010013	0.99608153	Rt
STR-04-S307_Ilb_NM_22	Alps (Switzerland)	97.06	98.45	995	ND	1319	ND	1	ND	720	3512	3164	44	0.00184763	0.00074317	0.9974092	Rt
STR-04-S307_Ilb_NM_24	Alps (Switzerland)	98.32	99.15	1016	ND	669	ND	30	38	512	2041	1532	13	0.00352317	4.3441E-05	0.99643339	Rt
STR-04-S307_Ilb_NM_25	Alps (Switzerland)	99.2	99.91	891	ND	568	ND	24	ND	438	2206	900	ND	0.00350667	0.00012364	0.99636969	Rt
STR-04-S307_Ilb_NM_26	Alps (Switzerland)	98.68	99.45	1941	ND	437	305	123	4	1765	994	9	1	0.00124583	0.00046129	0.99829288	Rt
STR-04-S307_Ilb_NM_28	Alps (Switzerland)	96.97	97.84	905	ND	545	ND	ND	6	321	2150	2198	49	0.02049621	0.00822526	0.97127854	Rt
STR-04-S308_Ilb_2_1	Alps (Switzerland)	99.77	100.38	130	ND	652	ND	ND	ND	301	2046	1091	31	0.00354818	0.00096358	0.99548824	Rt
STR-04-S308_Ilb_2_2	Alps (Switzerland)	98.73	99.36	152	ND	621	ND	39	ND	393	1994	1240	ND	0.00100712	5.1361E-06	0.99898775	Rt
STR-04-S308_Ilb_2_3	Alps (Switzerland)	98.93	99.51	147	ND	612	ND	28	ND	398	2043	756	31	0.00090319	1.1756E-05	0.99908505	Rt
STR-04-S308_Ilb_3_1	Alps (Switzerland)	97.9	98.74	713	ND	664	ND	13	1	197	2717	1607	1	0.00534977	0.00018132	0.99446892	Rt
STR-04-S308_Ilb_4_1	Alps (Switzerland)	98.2	98.79	722	ND	272	ND	18	ND	308	1847	949	ND	0.01448515	0.00086255	0.9846523	Rt
STR-04-S308_Ilb_4_2	Alps (Switzerland)	100.44	101	703	ND	249	ND	24	ND	393	1655	940	ND	0.01372438	0.00056855	0.98570707	Rt
STR-04-S308_Ilb_4_3	Alps (Switzerland)	98.73	99.34	849	ND	268	ND	ND	ND	321	1871	984	ND	0.03975497	0.06092401	0.89932103	Rt
STR-04-S308_Ilb_5_1	Alps (Switzerland)	98.97	100.08	1665	ND	501	1	15	0	377	2453	2881	ND	0.0106131	0.00033374	0.98905316	Rt
STR-04-S308_Ilb_6_1	Alps (Switzerland)	99.49	100.43	1454	ND	671	ND	45	ND	362	2996	1079	ND	0.00249941	6.7223E-05	0.99743336	Rt
STR-04-S308_Ilb_6_2	Alps (Switzerland)	98.04	98.93	1359	ND	659	5	ND	ND	326	2979	883	ND	0.00929068	0.01862911	0.97208021	Rt
STR-04-S308_Ilb_6_3	Alps (Switzerland)	99.48	100.35	1273	ND	675	25	ND	ND	354	3011	706	23	0.00728404	0.01841257	0.97430339	Rt
STR-04-S308_Ilb_7_1	Alps (Switzerland)	99.68	100.87	497	ND	901	ND	31	ND	218	5506	1039	ND	0.0004772	2.949E-05	0.99949331	Rt
STR-04-S308_Ilb_7_2	Alps (Switzerland)	99.76	101.01	565	ND	925	ND	24	ND	171	5726	1256	ND	0.00069473	4.7417E-05	0.99925786	Rt
STR-04-S308_Ilb_7_3	Alps (Switzerland)	100.47	101.71	615	ND	909	ND	68	ND	193	5672	1048	33	0.00045099	1.2862E-05	0.99953615	Rt
STR-04-S308_Ilb_8_1	Alps (Switzerland)	97.32	98.58	1697	ND	735	10	17	40	441	3587	2337	10	0.00276517	0.00014834	0.99708649	Rt
STR-04-S308_Ilb_9_1	Alps (Switzerland)	99.38	100.17	511	ND	671	ND	12	ND	205	2429	1738	5	0.00507682	0.00011865	0.99480453	Rt
STR-04-S308_Ilb_10_1	Alps (Switzerland)	101.56	102.24	585	ND	780	4	15	ND	215	1989	1129	4	0.00522797	8.6292E-05	0.99468574	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S308_Ilb_11_1	Alps (Switzerland)	96.73	98.4	1602	ND	1147	20	8	ND	337	4842	3823	1	0.00183735	0.00013696	0.99802569	Rt
STR-04-S308_Ilb_12	Alps (Switzerland)	98.44	99.24	444	ND	1278	94	ND	ND	163	2096	1491	12	0.0079959	0.00096591	0.99103819	Rt
STR-04-S308_Ilb_13	Alps (Switzerland)	97.69	98.86	1209	ND	780	24	ND	ND	304	4363	1431	31	0.00449434	0.00970624	0.98579942	Rt
STR-04-S308_Ilb_14	Alps (Switzerland)	97.65	98.83	1170	ND	1420	ND	37	ND	315	2629	2763	ND	0.00189328	6.3871E-06	0.99810034	Rt
STR-04-S308_Ilb_15	Alps (Switzerland)	99.38	99.87	169	ND	783	ND	28	ND	221	1764	361	23	0.00134592	1.7219E-05	0.99863686	Rt
STR-04-S308_Ilb_16	Alps (Switzerland)	99.39	100.44	1353	ND	1012	ND	28	ND	286	2223	2563	4	0.00491192	2.5566E-05	0.99506251	Rt
STR-04-S308_Ilb_17	Alps (Switzerland)	100.31	101.51	1550	ND	1018	ND	24	ND	183	2222	3558	ND	0.00959307	3.7294E-05	0.99036963	Rt
STR-04-S308_Ilb_19	Alps (Switzerland)	96.82	98.05	1145	ND	993	ND	6	ND	253	5276	765	33	0.00122712	0.00074761	0.99802527	Rt
STR-04-S308_Ilb_21	Alps (Switzerland)	97.82	98.82	1012	ND	1149	ND	ND	ND	266	3123	1412	ND	0.00521236	0.00304527	0.99174237	Rt
STR-04-S308_Ilb_22	Alps (Switzerland)	98.47	100.28	1835	102	1142	ND	ND	195	521	5044	3479	182	0.00253854	0.002768	0.99469346	Rt
STR-04-S308_Ilb_23	Alps (Switzerland)	98.45	99.78	1274	ND	1012	ND	7	ND	124	3990	2933	ND	0.00607398	0.0003273	0.99359872	Rt
STR-04-S308_Ilb_24	Alps (Switzerland)	96.28	98.16	3377	ND	3325	ND	37	ND	299	2418	3816	ND	0.00222216	2.4262E-06	0.99777542	Rt
STR-04-S308_Ilb_25	Alps (Switzerland)	98.18	98.98	519	ND	699	ND	21	ND	271	3695	354	ND	0.00088367	0.00015683	0.9989595	Rt
STR-04-S308_Ilb_26	Alps (Switzerland)	97.56	98.74	987	ND	1222	17	ND	ND	225	4113	1621	ND	0.00357132	0.00288022	0.99354847	Rt
STR-04-S308_Ilb_27	Alps (Switzerland)	100.05	101.14	1458	ND	1062	43	9	ND	133	3890	972	ND	0.0040174	0.00049866	0.99548394	Rt
STR-04-S308_Ilb_28	Alps (Switzerland)	99.53	100.06	401	ND	1106	ND	ND	ND	344	1407	433	6	0.00593899	0.00160566	0.99245535	Rt
STR-04-S308_Ilb_29	Alps (Switzerland)	96.5	97.77	1971	ND	1345	67	17	ND	163	4434	791	1	0.00191168	0.00017998	0.99790834	Rt
STR-04-S308_Ilb_30	Alps (Switzerland)	99.3	100.27	1168	ND	718	ND	39	ND	158	2792	1959	23	0.00608956	5.4858E-05	0.99385558	Rt
STR-04-S308_Ilb_31	Alps (Switzerland)	97.91	99.04	1185	ND	937	ND	13	ND	189	4507	1011	ND	0.00195276	0.00026293	0.9977843	Rt
STR-04-S308_Ilb_32	Alps (Switzerland)	99.12	99.96	663	ND	909	ND	17	ND	165	3363	706	7	0.00200233	0.00011924	0.99787842	Rt
STR-04-S308_Ilb_33	Alps (Switzerland)	96.96	98.62	1746	ND	883	ND	ND	ND	250	5362	3395	ND	0.00570414	0.00738768	0.98690818	Rt
STR-04-S309_Ilb_1_1	Alps (Switzerland)	97.73	98.4	874	ND	538	ND	ND	ND	313	2126	808	ND	0.01524412	0.01667786	0.96807802	Rt
STR-04-S309_Ilb_1_2	Alps (Switzerland)	97.79	98.44	784	ND	532	ND	ND	ND	302	2085	888	ND	0.01569806	0.01428788	0.97001406	Rt
STR-04-S309_Ilb_1_3	Alps (Switzerland)	97.7	98.32	662	ND	545	73	11	ND	246	2111	680	ND	0.00645561	0.00048729	0.9930571	Rt
STR-04-S309_Ilb_2_1	Alps (Switzerland)	100.57	101.4	1168	ND	509	17	39	31	334	1970	1795	ND	0.00809172	7.3223E-05	0.99183506	Rt
STR-04-S309_Ilb_2_2	Alps (Switzerland)	100.88	101.75	1279	ND	517	ND	15	19	372	2061	1920	ND	0.01012877	0.0002845	0.98958673	Rt
STR-04-S309_Ilb_2_3	Alps (Switzerland)	100.45	101.36	1395	ND	543	ND	ND	24	388	2123	1984	ND	0.02364676	0.01312831	0.96322493	Rt
STR-04-S309_Ilb_3_1	Alps (Switzerland)	99.2	99.81	543	ND	398	ND	63	ND	361	2066	856	ND	0.00337976	4.4052E-05	0.99657619	Rt
STR-04-S309_Ilb_3_2	Alps (Switzerland)	98.02	98.65	597	ND	376	ND	62	ND	210	2228	961	ND	0.00583934	7.3707E-05	0.99408695	Rt
STR-04-S309_Ilb_3_3	Alps (Switzerland)	98.09	99.09	991	ND	398	ND	55	58	1670	2425	1423	59	0.00120482	3.453E-05	0.99876065	Rt
STR-04-S309_Ilb_4_1	Alps (Switzerland)	97.8	98.93	851	ND	848	13	14	ND	224	3002	3049	ND	0.00414949	7.0215E-05	0.99578029	Rt
STR-04-S309_Ilb_4_2	Alps (Switzerland)	98.48	99.55	877	ND	832	9	17	ND	375	2970	2469	ND	0.0023954	4.9967E-05	0.99755464	Rt
STR-04-S309_Ilb_4_3	Alps (Switzerland)	97.54	98.44	797	ND	813	ND	47	ND	337	2896	1356	39	0.00152553	1.7503E-05	0.99845697	Rt
STR-04-S309_Ilb_5_1	Alps (Switzerland)	97.53	98.39	1453	ND	493	305	97	106	2867	851	49	ND	0.00137446	7.4959E-05	0.99855059	Rt
STR-04-S309_Ilb_5_2	Alps (Switzerland)	99.16	100.14	2043	ND	415	358	109	99	3095	910	73	ND	0.00195892	0.00010435	0.99793674	Rt
STR-04-S309_Ilb_5_3	Alps (Switzerland)	98.29	99.31	2162	ND	442	439	92	188	3077	922	94	ND	0.00215503	0.00010369	0.99774128	Rt
STR-04-S309_Ilb_7	Alps (Switzerland)	99.27	100.32	682	ND	515	ND	ND	ND	284	2684	3304	ND	0.01523094	0.00598815	0.97878091	Rt
STR-04-S309_Ilb_8_1	Alps (Switzerland)	100.22	100.72	94	ND	535	14	15	ND	339	2078	493	ND	0.00090749	3.4949E-05	0.99905756	Rt
STR-04-S309_Ilb_10_1	Alps (Switzerland)	97.39	98.35	1305	ND	545	ND	ND	ND	497	2292	2154	ND	0.01608732	0.0103398	0.97357288	Rt
STR-04-S309_Ilb_10_2	Alps (Switzerland)	97.36	98.39	1535	ND	525	ND	ND	ND	453	2425	2313	ND	0.01905565	0.01388454	0.96705981	Rt
STR-04-S309_Ilb_10_3	Alps (Switzerland)	97.65	98.69	1514	ND	541	ND	10	ND	447	2393	2508	ND	0.00890019	0.00044629	0.99065352	Rt
STR-04-S309_Ilb_11_1	Alps (Switzerland)	97.35	98.98	2394	ND	1656	ND	39	ND	308	6034	814	ND	0.00042451	3.318E-05	0.99954231	Rt
STR-04-S309_Ilb_11_2	Alps (Switzerland)	96.48	98.15	2375	ND	1663	ND	20	ND	310	6130	1077	ND	0.00056073	7.009E-05	0.99936918	Rt
STR-04-S309_Ilb_11_3	Alps (Switzerland)	96.77	98.56	2854	ND	1718	ND	82	ND	328	6214	1199	ND	0.00036518	9.5158E-06	0.99962531	Rt
STR-04-S309_Ilb_12_1	Alps (Switzerland)	99.65	100.71	1412	ND	829	17	18	21	378	3583	1074	ND	0.00184784	0.00015806	0.9979941	Rt
STR-04-S309_Ilb_13_1	Alps (Switzerland)	97.25	98.04	1478	ND	481	13	7	71	312	2274	925	ND	0.01244746	0.00230106	0.98525147	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S309_Ilb_14_1	Alps (Switzerland)	99.12	100.28	2192	ND	492	14	83	45	4498	1124	84	18	0.00095287	9.1258E-05	0.99895587	Rt
STR-04-S309_Ilb_14_2	Alps (Switzerland)	99.16	100.34	2322	ND	533	60	71	14	4512	1071	84	ND	0.00104453	9.9304E-05	0.99885616	Rt
STR-04-S309_Ilb_14_3	Alps (Switzerland)	98.82	100.14	3097	ND	553	110	75	33	4631	1153	55	ND	0.00091605	0.00016224	0.99892171	Rt
STR-04-S309_Ilb_15	Alps (Switzerland)	97.25	98.39	1204	ND	1286	ND	55	164	634	1992	2135	355	0.0014856	3.3871E-06	0.99851102	Rt
STR-04-S309_Ilb_16	Alps (Switzerland)	100.59	101.56	1429	51	723	11	7	65	1336	2031	1163	ND	0.00264117	0.00031404	0.99704478	Rt
STR-04-S309_Ilb_17	Alps (Switzerland)	98.39	98.95	116	ND	1069	ND	37	ND	1715	1049	84	14	0.00015108	2.6045E-06	0.99984632	Rt
STR-04-S309_Ilb_18	Alps (Switzerland)	98.04	98.97	526	ND	1524	ND	ND	ND	243	3027	1114	23	0.00244794	0.00091019	0.99664187	Rt
STR-04-S309_Ilb_20	Alps (Switzerland)	96.22	97.33	1822	ND	849	ND	4	135	487	3085	1364	ND	0.00411282	0.00120625	0.99468093	Rt
STR-04-S309_Ilb_21	Alps (Switzerland)	100.07	101.08	1161	ND	1087	ND	ND	6	220	3461	1119	ND	0.005666	0.00555653	0.98877747	Rt
STR-04-S309_Ilb_22	Alps (Switzerland)	96.75	98.25	1214	ND	1831	ND	13	ND	136	3389	4010	ND	0.00329255	2.2835E-05	0.99668462	Rt
STR-04-S309_Ilb_23	Alps (Switzerland)	96.39	97.21	1529	ND	637	413	139	102	2073	986	44	ND	0.00094847	3.6086E-05	0.99901544	Rt
STR-04-S309_Ilb_25	Alps (Switzerland)	96.81	98.31	822	ND	1180	ND	ND	ND	215	5017	3290	ND	0.00297365	0.00170708	0.99531927	Rt
STR-04-S309_Ilb_26	Alps (Switzerland)	98.24	99.03	1114	ND	467	14	ND	ND	281	2489	1116	ND	0.01966684	0.02732811	0.95300505	Rt
STR-04-S309_Ilb_27	Alps (Switzerland)	99.7	100.66	1185	ND	798	ND	14	ND	264	3543	820	ND	0.00239912	0.00029735	0.99730354	Rt
STR-04-S309_Ilb_28	Alps (Switzerland)	98.32	99.6	962	ND	753	ND	28	ND	170	3924	3186	ND	0.0033315	4.9864E-05	0.99661864	Rt
STR-04-S309_Ilb_29	Alps (Switzerland)	97.43	98.17	1199	ND	522	36	49	9	363	2118	922	ND	0.00487387	8.1349E-05	0.99504478	Rt
STR-04-S309_Ilb_30	Alps (Switzerland)	97.15	98.53	3311	ND	984	ND	279	39	4102	1193	125	ND	0.00043768	4.2131E-06	0.99955811	Rt
STR-04-S309_Ilb_31	Alps (Switzerland)	98.18	99.37	1457	ND	648	2	ND	28	366	2723	3197	ND	0.01604412	0.00762116	0.97633473	Rt
STR-04-S309_Ilb_32	Alps (Switzerland)	97.38	98.19	868	ND	681	ND	27	ND	309	2869	938	ND	0.0023599	8.7951E-05	0.99755215	Rt
STR-04-S309_Ilb_33	Alps (Switzerland)	97.09	98.21	1160	ND	907	24	41	ND	309	2904	2537	ND	0.00249365	1.7244E-05	0.9974891	Rt
STR-04-S309_Ilb_34	Alps (Switzerland)	98.08	98.43	118	ND	96	ND	4	ND	222	1489	567	ND	0.03193928	0.01544444	0.95261628	Rt
STR-04-S309_Ilb_35	Alps (Switzerland)	98.97	99.99	143	ND	669	5	21	ND	188	3113	3100	ND	0.00132145	9.3601E-06	0.99866919	Rt
STR-04-S309_Ilb_36	Alps (Switzerland)	100.53	101.54	1205	ND	907	ND	38	ND	278	3491	1059	ND	0.00158007	4.3049E-05	0.99837688	Rt
STR-04-S310_Ilb_1_1	Alps (Switzerland)	98.29	99.09	743	ND	662	ND	34	ND	261	2654	1280	ND	0.0029628	4.7786E-05	0.99698942	Rt
STR-04-S310_Ilb_1_2	Alps (Switzerland)	97.97	98.85	726	ND	678	ND	ND	ND	274	2822	1646	ND	0.00890135	0.00587256	0.98522609	Rt
STR-04-S310_Ilb_1_3	Alps (Switzerland)	98.54	99.35	713	ND	640	ND	17	ND	305	2692	1292	ND	0.00321147	0.00012259	0.99666594	Rt
STR-04-S310_Ilb_2_1	Alps (Switzerland)	97.71	98.81	1407	ND	672	ND	16	ND	275	3569	1749	ND	0.00384871	0.00025491	0.99589638	Rt
STR-04-S310_Ilb_2_2	Alps (Switzerland)	97.6	98.71	1383	ND	730	22	ND	ND	313	3472	1863	ND	0.00852629	0.00973959	0.98173412	Rt
STR-04-S310_Ilb_2_3	Alps (Switzerland)	97.73	98.86	1324	ND	705	ND	ND	ND	302	3519	2047	ND	0.00891991	0.00962501	0.98145508	Rt
STR-04-S310_Ilb_3_1	Alps (Switzerland)	97.11	98.2	1365	ND	652	ND	11	ND	322	2649	2710	ND	0.00748227	0.00026605	0.99225168	Rt
STR-04-S310_Ilb_4_1	Alps (Switzerland)	97.55	98.62	1336	ND	650	ND	ND	ND	211	2861	2453	20	0.02078619	0.01135951	0.9678543	Rt
STR-04-S310_Ilb_4_2	Alps (Switzerland)	96.88	97.88	1242	ND	621	ND	ND	ND	152	2878	2157	ND	0.02637613	0.01513834	0.95848553	Rt
STR-04-S310_Ilb_4_3	Alps (Switzerland)	96.03	97.08	1377	ND	635	43	35	ND	250	2956	2130	ND	0.00500125	7.7349E-05	0.9949214	Rt
STR-04-S310_Ilb_5_1	Alps (Switzerland)	97.15	98.28	1659	ND	875	ND	15	ND	142	4031	1166	ND	0.0043274	0.00037383	0.99529877	Rt
STR-04-S310_Ilb_6_1	Alps (Switzerland)	97.48	98.43	1374	ND	710	8	5	ND	279	3112	1135	ND	0.00581835	0.00148036	0.99270129	Rt
STR-04-S310_Ilb_7_1	Alps (Switzerland)	99.03	100.23	1039	ND	1039	ND	4	ND	169	3833	2373	ND	0.0046118	0.00052375	0.99486445	Rt
STR-04-S310_Ilb_7_2	Alps (Switzerland)	98.85	100.12	1052	ND	1060	ND	ND	ND	204	3870	2744	ND	0.00635858	0.00304122	0.99060021	Rt
STR-04-S310_Ilb_7_3	Alps (Switzerland)	96.57	97.92	1060	ND	1054	ND	28	ND	155	4208	2934	ND	0.00230351	2.954E-05	0.99766695	Rt
STR-04-S310_Ilb_8_1	Alps (Switzerland)	97.61	98.3	1232	ND	1185	ND	74	ND	465	1198	721	ND	0.00347166	5.6442E-06	0.99652269	Rt
STR-04-S310_Ilb_9_1	Alps (Switzerland)	97.04	98.19	1450	ND	764	27	10	92	526	3194	1995	ND	0.00279832	0.00023402	0.99696765	Rt
STR-04-S310_Ilb_9_2	Alps (Switzerland)	97.66	98.83	1400	ND	757	ND	24	39	889	3176	1966	ND	0.00125374	4.8964E-05	0.9986973	Rt
STR-04-S310_Ilb_9_3	Alps (Switzerland)	97.2	98.32	1390	ND	747	8	18	30	588	3200	1886	ND	0.00199885	9.8524E-05	0.99790263	Rt
STR-04-S310_Ilb_10_1	Alps (Switzerland)	97.23	98.39	1109	ND	618	ND	1	ND	367	3270	2859	ND	0.00958033	0.00728638	0.98313329	Rt
STR-04-S310_Ilb_10_2	Alps (Switzerland)	97.64	98.8	1102	ND	630	19	ND	ND	417	3191	2860	ND	0.00867098	0.00638559	0.98494344	Rt
STR-04-S310_Ilb_10_3	Alps (Switzerland)	97.09	98.37	1293	ND	664	25	ND	ND	452	3359	3286	ND	0.00819343	0.00604103	0.98576554	Rt
STR-04-S310_Ilb_11	Alps (Switzerland)	97.91	98.8	960	ND	681	8	ND	ND	225	2708	1712	13	0.01427042	0.00851692	0.97721266	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S310_Ilb_12	Alps (Switzerland)	98.47	99.23	759	ND	645	ND	55	ND	564	2779	509	ND	0.00087747	3.3366E-05	0.99908916	Rt
STR-04-S310_Ilb_13	Alps (Switzerland)	97.94	98.69	774	ND	92	ND	18	71	627	1477	2276	ND	0.05093237	0.0036212	0.94544643	Rt
STR-04-S310_Ilb_14	Alps (Switzerland)	96.68	97.9	1251	ND	1225	ND	10	ND	170	4789	1039	ND	0.00164801	0.00023496	0.99811702	Rt
STR-04-S310_Ilb_15	Alps (Switzerland)	99.92	100.61	248	ND	656	ND	143	ND	449	2665	643	ND	0.00037398	2.0689E-06	0.99962395	Rt
STR-04-S310_Ilb_16	Alps (Switzerland)	97.46	98.39	1516	ND	625	17	24	29	426	2593	1268	ND	0.00407442	0.00015726	0.99576831	Rt
STR-04-S310_Ilb_17	Alps (Switzerland)	98.86	99.9	1051	ND	727	ND	70	ND	243	3185	2003	ND	0.00241744	1.6687E-05	0.99756587	Rt
STR-04-S310_Ilb_18	Alps (Switzerland)	97.85	99.41	1052	ND	738	11	ND	ND	2493	3503	3418	ND	0.00120557	0.00144043	0.99735399	Rt
STR-04-S310_Ilb_19	Alps (Switzerland)	97.32	98.46	1670	ND	869	ND	70	ND	243	2981	2167	ND	0.00325959	1.7413E-05	0.99672299	Rt
STR-04-S310_Ilb_20	Alps (Switzerland)	97.46	98.4	1282	ND	647	ND	13	2	265	3143	1224	ND	0.00464556	0.00041897	0.99493546	Rt
STR-04-S310_Ilb_21	Alps (Switzerland)	97.59	98.51	873	ND	706	82	4	ND	316	2546	1942	ND	0.00676188	0.00071099	0.99252713	Rt
STR-04-S310_Ilb_22	Alps (Switzerland)	96.19	97.65	1442	ND	1258	171	31	ND	121	4763	2388	ND	0.00218025	3.4023E-05	0.99778572	Rt
STR-04-S310_Ilb_23	Alps (Switzerland)	97.08	98.5	329	ND	1234	27	11	ND	96	4585	3692	ND	0.00156326	2.316E-05	0.99841358	Rt
STR-04-S310_Ilb_24	Alps (Switzerland)	99.15	100.02	523	ND	402	ND	ND	14	379	3201	1597	ND	0.00725678	0.01203446	0.98070876	Rt
STR-04-S310_Ilb_25	Alps (Switzerland)	96.91	98.15	930	ND	695	ND	10	ND	131	6014	706	ND	0.00185874	0.001035	0.99710626	Rt
STR-04-S310_Ilb_26	Alps (Switzerland)	99.99	100.77	845	ND	717	ND	20	ND	248	2242	1390	ND	0.00522478	8.9287E-05	0.99468593	Rt
STR-04-S310_Ilb_27	Alps (Switzerland)	98.95	99.85	724	ND	1321	ND	24	ND	256	3064	882	ND	0.00105246	2.1753E-05	0.99892578	Rt
STR-04-S310_Ilb_28	Alps (Switzerland)	97.09	98.39	1880	ND	1152	ND	10	ND	202	4851	925	0	0.00193846	0.00043234	0.9976292	Rt
STR-04-S310_Ilb_29	Alps (Switzerland)	97.88	98.71	165	ND	1068	38	50	ND	367	3232	860	ND	0.00021354	1.8729E-06	0.99978459	Rt
STR-04-IV10_Ilb_1	Alps (Switzerland)	96.95	97.93	607	ND	662	25	15	ND	295	3547	1723	ND	0.00197628	0.00010538	0.99791834	Rt
STR-04-IV10_Ilb_3_1	Alps (Switzerland)	97.14	98.39	1286	ND	966	ND	17	ND	206	4706	1466	ND	0.00176443	0.00013658	0.99808989	Rt
STR-04-IV10_Ilb_8_1	Alps (Switzerland)	97.74	98.89	493	ND	1198	ND	3	ND	689	3094	2686	4	0.00101284	9.1537E-05	0.99889563	Rt
STR-04-IV10_Ilb_8_2	Alps (Switzerland)	97.34	98.83	489	ND	1129	10	10	89	2889	3207	2735	104	0.00017615	8.2858E-06	0.99981557	Rt
STR-04-IV10_Ilb_8_3	Alps (Switzerland)	98.03	99.31	545	ND	1199	ND	ND	24	1356	3104	2884	1	0.00086951	0.00032705	0.99880345	Rt
STR-04-IV10_Ilb_11_1	Alps (Switzerland)	97.61	98.58	1163	ND	1139	ND	25	33	742	2576	1070	29	0.000954	2.2489E-05	0.99902351	Rt
STR-04-IV10_Ilb_11_2	Alps (Switzerland)	97.49	98.57	1090	60	1091	ND	24	134	922	2686	1053	302	0.00072919	2.2302E-05	0.9992485	Rt
STR-04-IV10_Ilb_11_3	Alps (Switzerland)	97.55	98.87	1204	220	1124	ND	38	269	2267	2661	1154	229	0.00029447	6.8211E-06	0.9996987	Rt
STR-04-IV10_Ilb_12_1	Alps (Switzerland)	97.1	98.15	2945	ND	232	152	54	104	2756	1175	122	15	0.00530743	0.00139233	0.99330025	Rt
STR-04-IV10_Ilb_12_2	Alps (Switzerland)	97.19	98.24	2901	ND	234	207	75	96	2778	1145	125	11	0.00485923	0.00080895	0.99433182	Rt
STR-04-IV10_Ilb_12_3	Alps (Switzerland)	96.74	98.09	4233	ND	285	210	52	129	3349	1265	173	8	0.00462464	0.00100928	0.99436608	Rt
STR-04-IV10_Ilb_13_1	Alps (Switzerland)	97.65	98.33	295	ND	818	26	22	6	2855	823	81	30	0.00047752	2.1186E-05	0.99950129	Rt
STR-04-IV10_Ilb_14	Alps (Switzerland)	97.66	98.47	162	ND	2686	21	55	ND	2210	593	85	ND	0.00013214	1.7328E-07	0.99986769	Rt
STR-04-IV10_Ilb_15_1	Alps (Switzerland)	99.01	99.55	278	ND	926	ND	109	13	1887	602	101	5	0.00062576	1.3873E-06	0.99937285	Rt
STR-04-IV10_Ilb_15_2	Alps (Switzerland)	99.15	99.77	560	113	881	ND	153	47	1915	536	64	113	0.00105668	2.8216E-06	0.9989405	Rt
STR-04-IV10_Ilb_15_3	Alps (Switzerland)	98.2	98.74	353	ND	800	8	143	14	1889	649	58	26	0.00058934	2.6641E-06	0.999408	Rt
STR-04-IV10_Ilb_16_1	Alps (Switzerland)	99.3	99.99	744	ND	464	116	72	46	1574	1672	147	95	0.00072778	5.1963E-05	0.99922026	Rt
STR-04-IV10_Ilb_16_2	Alps (Switzerland)	99.02	99.72	720	ND	449	252	62	68	1681	1655	135	ND	0.00072303	6.8267E-05	0.9992087	Rt
STR-04-IV10_Ilb_16_3	Alps (Switzerland)	99.32	99.97	741	ND	383	232	88	45	1333	1661	163	13	0.00102532	6.1328E-05	0.99891335	Rt
STR-04-IV10_Ilb_17_1	Alps (Switzerland)	98.97	100.17	1939	ND	769	ND	85	85	787	3219	1572	10	0.00103647	1.4078E-05	0.99894945	Rt
STR-04-IV10_Ilb_17_2	Alps (Switzerland)	99.24	100.53	1942	ND	744	135	77	182	1229	3185	1585	15	0.00075299	1.3562E-05	0.99923344	Rt
STR-04-IV10_Ilb_17_3	Alps (Switzerland)	98.97	100.15	2007	ND	746	55	57	144	545	3151	1576	ND	0.00185107	3.3916E-05	0.99811501	Rt
STR-04-IV10_Ilb_18_1	Alps (Switzerland)	98.98	99.68	149	ND	72	ND	ND	ND	4276	704	47	20	0.00776702	0.19884143	0.79339156	Rt
STR-04-IV10_Ilb_18_2	Alps (Switzerland)	99.5	100.25	101	ND	113	ND	23	ND	4641	682	82	24	0.00171171	0.00038605	0.99790224	Rt
STR-04-IV10_Ilb_18_3	Alps (Switzerland)	99.21	99.91	90	ND	96	ND	18	ND	4354	649	132	4	0.00276966	0.00050586	0.99672448	Rt
STR-04-IV10_Ilb_19_1	Alps (Switzerland)	98.2	100.48	7318	ND	212	2097	628	245	5626	487	64	26	0.01011061	0.00010453	0.98978485	Rt
STR-04-IV10_Ilb_19_2	Alps (Switzerland)	98.92	100.59	4543	ND	30	285	3114	187	3800	366	41	36	0.07079159	0.00077767	0.92843074	Rt
STR-04-IV10_Ilb_19_3	Alps (Switzerland)	100.51	101.16	1749	ND	39	ND	212	141	2414	192	18	ND	0.20179993	0.00993274	0.78826733	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-IV10_Ilb_20	Alps (Switzerland)	98.82	99.51	124	ND	482	ND	47	24	3970	482	38	4	0.00051025	9.9097E-06	0.99947984	Rt
STR-04-IV10_Ilb_21	Alps (Switzerland)	98.68	99.43	1509	ND	572	130	149	ND	1806	1151	128	5	0.00126053	2.2272E-05	0.9987172	Rt
STR-04-IV10_Ilb_22	Alps (Switzerland)	99.01	99.81	1857	ND	516	299	111	27	1674	1107	134	23	0.00214831	5.4629E-05	0.99779706	Rt
STR-04-IV10_Ilb_23	Alps (Switzerland)	98.38	98.95	175	ND	1460	ND	45	ND	1722	618	111	ND	0.00038209	1.0041E-06	0.99961691	Rt
STR-04-IV10_Ilb_24	Alps (Switzerland)	100.52	101.09	141	ND	1123	102	55	21	1848	697	201	ND	0.00037125	7.1188E-07	0.99962804	Rt
STR-04-IV10_Ilb_25	Alps (Switzerland)	98.68	99.8	1948	ND	650	ND	31	67	878	2557	1706	51	0.00249689	7.1752E-05	0.99743136	Rt
STR-04-IV10_Ilb_26	Alps (Switzerland)	99.94	100.36	170	ND	121	ND	21	ND	2399	420	12	22	0.00571843	0.00314741	0.99113416	Rt
STR-04-IV10_Ilb_27	Alps (Switzerland)	99.61	100.16	143	ND	329	ND	30	45	2474	932	105	ND	0.00068137	4.5456E-05	0.99927318	Rt
STR-04-IV10_Ilb_28	Alps (Switzerland)	97.69	98.93	3824	ND	36	32	1020	174	3101	663	141	22	0.04760618	0.00128499	0.95110883	Rt
STR-04-IV10_Ilb_29	Alps (Switzerland)	98.18	99.41	3027	ND	389	904	358	179	2875	1020	212	ND	0.00232506	1.7704E-05	0.99765724	Rt
STR-04-IV10_Ilb_30	Alps (Switzerland)	99.94	100.56	1419	ND	33	ND	127	345	1286	958	35	71	0.03636372	0.04934976	0.91428653	Rt
STR-04-IV10_Ilb_31	Alps (Switzerland)	99.08	99.98	60	ND	21	24	24	ND	4303	2192	82	3	0.00099056	0.01652906	0.98248038	Rt
STR-04-IV10_Ilb_32	Alps (Switzerland)	94.85	98.54	4885	ND	18747	1111	27	ND	132	583	62	ND	0.00334031	1.7115E-06	0.99665798	Rt
STR-04-IV10_Ilb_35	Alps (Switzerland)	99.18	99.96	41	ND	870	ND	28	ND	4087	723	88	ND	8.282E-05	9.4514E-07	0.99991623	Rt
STR-04-IV10_Ilb_37	Alps (Switzerland)	98.37	99.41	558	ND	2625	139	1	4	2014	1891	150	ND	0.00023567	0.00029089	0.99947344	Rt
STR-04-IV10_Ilb_38	Alps (Switzerland)	98.7	99.96	1460	ND	1937	33	37	40	4248	1334	76	2	0.00014802	9.1221E-06	0.99984285	Rt
STR-04-IV11_Ilb_1_1	Alps (Switzerland)	100	100.8	905	ND	1713	71	46	8	1060	1464	384	10	0.00056649	3.6056E-06	0.9994299	Rt
STR-04-IV11_Ilb_2_1	Alps (Switzerland)	98.53	99.22	75	ND	2763	ND	58	ND	1362	578	55	ND	9.8876E-05	1.079E-07	0.99990102	Rt
STR-04-IV11_Ilb_2_2	Alps (Switzerland)	98.23	98.89	23	ND	2709	27	55	ND	1175	572	64	ND	5.0772E-05	2.9745E-08	0.9999492	Rt
STR-04-IV11_Ilb_2_3	Alps (Switzerland)	97.45	98.1	87	ND	2747	ND	81	ND	1124	524	64	ND	0.00014857	7.6933E-08	0.99985135	Rt
STR-04-IV11_Ilb_3_1	Alps (Switzerland)	100.73	101.4	129	ND	248	ND	18	ND	2626	1725	164	2	0.00037692	0.00014894	0.99947414	Rt
STR-04-IV11_Ilb_3_2	Alps (Switzerland)	99.95	100.65	125	ND	266	ND	42	ND	2901	1684	161	ND	0.0002393	3.4138E-05	0.99972656	Rt
STR-04-IV11_Ilb_3_3	Alps (Switzerland)	101.11	101.77	115	ND	272	14	ND	ND	2574	1651	198	ND	0.00099113	0.00585551	0.99315336	Rt
STR-04-IV11_Ilb_5_1	Alps (Switzerland)	97.75	98.95	2531	ND	355	149	153	ND	4537	1068	29	ND	0.00095737	0.00019724	0.99884539	Rt
STR-04-IV11_Ilb_6_1	Alps (Switzerland)	98.09	99.62	4826	ND	528	439	239	49	2746	2020	166	ND	0.00077539	4.4315E-05	0.99918029	Rt
STR-04-IV11_Ilb_6_2	Alps (Switzerland)	96.89	98.07	3051	ND	478	339	175	50	2317	1852	207	ND	0.00099676	4.6294E-05	0.99895694	Rt
STR-04-IV11_Ilb_6_3	Alps (Switzerland)	97.04	98.18	2894	ND	465	423	184	20	2146	1814	181	ND	0.00103498	4.9101E-05	0.99891592	Rt
STR-04-IV11_Ilb_7_1	Alps (Switzerland)	97.08	97.83	352	ND	2556	ND	89	ND	1925	381	38	5	0.00041486	3.7984E-07	0.99958476	Rt
STR-04-IV11_Ilb_7_2	Alps (Switzerland)	96.59	97.42	489	ND	2887	10	30	ND	2050	390	73	ND	0.00076084	1.2369E-06	0.99923792	Rt
STR-04-IV11_Ilb_7_3	Alps (Switzerland)	96.88	97.68	494	ND	2822	ND	11	ND	1999	318	70	14	0.00162157	5.3574E-06	0.99837307	Rt
STR-04-IV11_Ilb_10_1	Alps (Switzerland)	97.41	98.54	2875	ND	853	442	44	100	2512	1226	96	2	0.00121058	0.00011429	0.99867514	Rt
STR-04-IV11_Ilb_10_2	Alps (Switzerland)	98.13	99.4	3359	ND	755	624	130	73	2959	1224	87	ND	0.000896	3.7313E-05	0.99906669	Rt
STR-04-IV11_Ilb_10_3	Alps (Switzerland)	98.41	99.51	2620	ND	695	502	155	49	2609	1170	140	ND	0.00108529	1.9669E-05	0.99889504	Rt
STR-04-IV11_Ilb_11_1	Alps (Switzerland)	98.08	98.94	1046	ND	709	ND	ND	45	467	2000	1511	200	0.01225147	0.0055039	0.98224463	Rt
STR-04-IV11_Ilb_11_2	Alps (Switzerland)	98.53	99.49	1256	ND	777	59	11	11	385	2094	2180	10	0.00691781	0.00015367	0.99292853	Rt
STR-04-IV11_Ilb_11_3	Alps (Switzerland)	98.81	99.85	1269	ND	706	ND	7	43	942	2078	2134	109	0.00399738	0.0002298	0.99577282	Rt
STR-04-IV11_Ilb_12_1	Alps (Switzerland)	98.95	100.15	1405	ND	560	ND	108	ND	6781	183	32	ND	0.00675418	1.9707E-05	0.99322612	Rt
STR-04-IV11_Ilb_12_2	Alps (Switzerland)	98.72	100.11	2987	ND	505	54	474	1	6087	241	32	2	0.00549238	8.5772E-06	0.99449904	Rt
STR-04-IV11_Ilb_12_3	Alps (Switzerland)	99.72	100.55	835	ND	411	ND	83	6	4787	130	32	ND	0.01767759	3.3222E-05	0.98228919	Rt
STR-04-IV11_Ilb_14_1	Alps (Switzerland)	99.69	101.05	566	ND	1119	150	121	75	608	3881	20	1912	5.1479E-05	2.3543E-05	0.99992498	Rt
STR-04-IV11_Ilb_14_2	Alps (Switzerland)	98.12	99.15	436	ND	972	43	131	221	570	3975	41	440	6.1596E-05	1.3479E-05	0.99992492	Rt
STR-04-IV11_Ilb_14_3	Alps (Switzerland)	98.67	99.58	442	ND	785	ND	65	45	543	4080	23	220	8.3769E-05	9.6681E-05	0.99981955	Rt
STR-04-IV11_Ilb_15_1	Alps (Switzerland)	98.79	99.59	1181	ND	96	132	110	ND	3365	844	192	11	0.00957569	0.00074014	0.98968418	Rt
STR-04-IV11_Ilb_15_2	Alps (Switzerland)	99.07	99.95	1046	ND	81	229	109	6	3950	881	235	ND	0.00903179	0.00077864	0.99018956	Rt
STR-04-IV11_Ilb_15_3	Alps (Switzerland)	99.59	100.44	1027	ND	101	159	121	ND	3877	863	182	ND	0.00652396	0.00047387	0.99300217	Rt
STR-04-IV11_Ilb_16	Alps (Switzerland)	96.65	97.65	1647	ND	1133	44	115	76	1838	2111	138	ND	0.00023337	9.0056E-06	0.99975762	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-IV11_Ilb_17	Alps (Switzerland)	98.05	99.24	486	ND	4540	1244	231	9	660	1234	32	ND	6.2715E-05	1.2634E-07	0.99993716	Rt
STR-04-IV11_Ilb_18	Alps (Switzerland)	98.4	99.2	1206	ND	471	44	98	42	3119	854	73	ND	0.00130565	4.753E-05	0.99864682	Rt
STR-04-IV11_Ilb_19	Alps (Switzerland)	97.47	98.2	442	ND	510	ND	ND	68	642	2837	366	131	0.00231093	0.01156977	0.98611929	Rt
STR-04-IV11_Ilb_20	Alps (Switzerland)	100.34	101.5	2272	ND	197	25	51	88	5010	701	237	5	0.00949723	0.0005809	0.98992187	Rt
STR-04-IV11_Ilb_21	Alps (Switzerland)	97.59	98.88	1811	ND	1174	ND	44	3	512	3022	2560	ND	0.0014996	1.102E-05	0.99848938	Rt
STR-04-IV11_Ilb_22	Alps (Switzerland)	98.59	99.49	250	ND	499	67	1	ND	2999	2660	3	50	8.0987E-05	0.07383436	0.92608465	Rt
STR-04-IV11_Ilb_23	Alps (Switzerland)	97.98	99.22	1759	ND	5450	46	21	44	635	217	232	142	0.01372577	1.3696E-06	0.98627286	Rt
STR-04-IV11_Ilb_24	Alps (Switzerland)	97.86	99.09	2434	ND	276	283	114	ND	5749	288	44	ND	0.01286715	0.00018823	0.98694462	Rt
STR-04-IV11_Ilb_1	Alps (Switzerland)	96.12	97.31	1918	ND	996	354	154	11	666	2601	1689	ND	0.00109101	3.0828E-06	0.99890591	Rt
STR-04-IV11_Ilb_3	Alps (Switzerland)	97.83	98.95	2501	ND	816	ND	25	1	522	2234	1809	ND	0.0052957	9.3245E-05	0.99461105	Rt
STR-04-IV11_Ilb_4	Alps (Switzerland)	98.26	99.34	2500	ND	471	775	169	46	2630	1144	141	ND	0.00163043	3.965E-05	0.99832992	Rt
STR-04-IV11_Ilb_5	Alps (Switzerland)	98.61	99.7	831	ND	795	130	14	ND	516	2895	2567	ND	0.00203985	5.5571E-05	0.99790458	Rt
STR-04-IV11_Ilb_6	Alps (Switzerland)	96.81	98.04	2269	ND	1000	58	20	59	627	2158	2522	15	0.00422162	5.0428E-05	0.99572795	Rt
STR-04-IV11_Ilb_7	Alps (Switzerland)	98.16	99.57	1469	80	528	ND	ND	256	1479	2783	2981	267	0.00528787	0.00610538	0.98860674	Rt
STR-04-IV11_Ilb_8	Alps (Switzerland)	95.17	98.21	5685	300	603	ND	25	759	6565	2654	3049	1400	0.00116638	8.9415E-05	0.9987442	Rt
STR-04-IV11_Ilb_8	Alps (Switzerland)	98.73	99.48	1423	ND	246	24	79	129	2855	526	175	ND	0.01127301	0.0001601	0.9885669	Rt
STR-04-IV11_Ilb_9	Alps (Switzerland)	98.58	99.33	1399	ND	270	ND	77	104	2865	561	172	ND	0.00895087	0.00013674	0.99091239	Rt
STR-04-IV11_Ilb_10	Alps (Switzerland)	98.4	99.38	996	ND	738	ND	18	ND	443	2966	1723	ND	0.00226647	8.2904E-05	0.99765062	Rt
STR-04-IV11_Ilb_11	Alps (Switzerland)	97.64	98.58	1542	ND	612	ND	39	ND	679	2375	1436	ND	0.00282123	5.693E-05	0.99712184	Rt
STR-04-SNC_Ilb_2_1	Alps (Switzerland)	97.15	98.64	682	ND	2911	ND	82	ND	319	2654	3918	ND	0.00045843	1.5965E-07	0.99954141	Rt
STR-04-SNC_Ilb_2_2	Alps (Switzerland)	97.02	98.55	661	ND	3047	2	110	ND	442	2731	3835	5	0.00026739	7.7755E-08	0.99973253	Rt
STR-04-SNC_Ilb_2_3	Alps (Switzerland)	97.81	99.26	664	ND	2835	ND	80	ND	337	2513	3819	ND	0.00048479	1.6444E-07	0.99951505	Rt
STR-04-SNC_Ilb_3_1	Alps (Switzerland)	97.07	98.26	1453	ND	923	11	15	ND	348	4270	1278	ND	0.00149031	0.00016557	0.99834412	Rt
STR-04-SNC_Ilb_4_1	Alps (Switzerland)	97.45	98.49	1275	ND	734	ND	3	ND	323	3829	1093	ND	0.00376754	0.00271978	0.99351268	Rt
STR-04-SNC_Ilb_4_2	Alps (Switzerland)	97.43	98.46	1286	ND	710	ND	14	1	379	3671	1087	ND	0.00214271	0.00029144	0.99756585	Rt
STR-04-SNC_Ilb_4_3	Alps (Switzerland)	96.61	97.67	1367	ND	694	ND	23	4	378	3814	1081	3	0.00181247	0.00016493	0.9980226	Rt
STR-04-SNC_Ilb_5_1	Alps (Switzerland)	97.82	99.11	978	ND	837	21	ND	ND	249	4789	2145	ND	0.0041139	0.00563984	0.99024626	Rt
STR-04-SNC_Ilb_5_2	Alps (Switzerland)	98.45	99.73	947	ND	853	ND	3	ND	250	4856	2036	ND	0.00257442	0.00111768	0.99630789	Rt
STR-04-SNC_Ilb_5_3	Alps (Switzerland)	98.9	100.18	963	ND	884	69	28	ND	237	4915	1820	ND	0.00114277	4.711E-05	0.99881012	Rt
STR-04-SNC_Ilb_6_1	Alps (Switzerland)	96.85	97.81	1161	ND	436	2	8	7	680	2422	2064	4	0.00623583	0.00068184	0.99308232	Rt
STR-04-SNC_Ilb_7_1	Alps (Switzerland)	99.4	100.39	456	ND	834	ND	ND	ND	362	2705	2665	ND	0.00483055	0.00127196	0.99389749	Rt
STR-04-SNC_Ilb_7_2	Alps (Switzerland)	99.23	100.3	422	ND	844	ND	38	ND	344	2773	3113	17	0.00133778	5.5757E-06	0.99865665	Rt
STR-04-SNC_Ilb_7_3	Alps (Switzerland)	99.55	100.57	440	ND	840	5	28	ND	351	2693	2898	ND	0.00156089	9.4435E-06	0.99842966	Rt
STR-04-SNC_Ilb_8_1	Alps (Switzerland)	99.56	100.87	1235	ND	4219	102	82	ND	431	729	2505	ND	0.00312209	8.9675E-08	0.99687782	Rt
STR-04-SNC_Ilb_8_2	Alps (Switzerland)	97.08	98.44	1291	ND	4353	124	111	ND	316	837	2544	ND	0.00294173	7.086E-08	0.9970582	Rt
STR-04-SNC_Ilb_8_3	Alps (Switzerland)	97.44	98.78	1247	ND	4214	116	113	ND	361	871	2544	ND	0.00243099	6.7575E-08	0.99756895	Rt
STR-04-SNC_Ilb_9_3	Alps (Switzerland)	96.45	97.82	1172	ND	744	9	59	54	532	3015	4087	62	0.00182437	8.7461E-06	0.99816688	Rt
STR-04-SNC_Ilb_12	Alps (Switzerland)	96.35	97.52	629	ND	1706	27	ND	7	132	3811	1814	ND	0.00338429	0.00094671	0.995669	Rt
STR-04-SNC_Ilb_15	Alps (Switzerland)	96.22	97.59	1067	ND	966	ND	6	ND	140	4977	2390	ND	0.0033284	0.00044149	0.9962301	Rt
STR-04-SNC_Ilb_16	Alps (Switzerland)	95.91	97.53	1943	ND	1449	8	1	ND	416	5175	2270	ND	0.00208121	0.00264993	0.99526886	Rt
STR-04-SNC_Ilb_17	Alps (Switzerland)	96.96	97.97	1634	ND	786	ND	23	2	768	2894	1002	ND	0.00149386	9.6181E-05	0.99840996	Rt
STR-04-SNC_Ilb_18	Alps (Switzerland)	97.19	98.34	1497	ND	1167	25	23	ND	218	4219	794	28	0.00136431	9.74E-05	0.99853829	Rt
STR-04-SNC_Ilb_20	Alps (Switzerland)	97.65	98.48	834	ND	558	ND	ND	41	760	2356	1262	34	0.00606508	0.00687642	0.9870585	Rt
STR-04-SNC_Ilb_27	Alps (Switzerland)	96.93	97.81	823	ND	988	ND	6	ND	366	2822	1170	ND	0.00237689	0.00023593	0.99738718	Rt
STR-04-SNC_Ilb_28	Alps (Switzerland)	97.61	98.68	525	ND	772	ND	ND	ND	450	4382	1318	ND	0.00161772	0.00323442	0.99514786	Rt
STR-04-SNC_Ilb_29	Alps (Switzerland)	97.22	98.38	1070	ND	745	19	11	9	323	4106	1809	7	0.00214616	0.00023785	0.99761599	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-SNC_Ilb_31	Alps (Switzerland)	96.57	97.83	1111	ND	1321	16	ND	ND	330	4446	1515	ND	0.00214127	0.00242655	0.99543219	Rt
STR-04-SNC_Ilb_32	Alps (Switzerland)	96.56	98.05	1660	ND	842	38	28	ND	218	5066	2585	ND	0.0021063	8.2287E-05	0.99781141	Rt
STR-04-SNC_Ilb_33	Alps (Switzerland)	97.14	98.73	779	ND	989	ND	13	144	1233	4597	3377	78	0.00033218	2.1457E-05	0.99964636	Rt
STR-04-SNC_Ilb_M_4_1	Alps (Switzerland)	96.93	97.7	571	ND	1874	ND	63	ND	361	1462	1032	13	0.00120727	9.7829E-07	0.99879175	Rt
STR-04-SNC_Ilb_M_4_1	Alps (Switzerland)	99.38	100.58	1245	ND	952	ND	ND	16	314	4676	1114	ND	0.00291388	0.00768799	0.98939813	Rt
STR-04-SNC_Ilb_M_4_2	Alps (Switzerland)	98.97	100.19	1243	ND	1058	59	ND	ND	309	4708	1102	ND	0.00258641	0.0061408	0.99127279	Rt
STR-04-SNC_Ilb_M_4_3	Alps (Switzerland)	98.36	99.59	1281	ND	1041	ND	14	7	295	4901	1016	ND	0.0010242	0.00016379	0.99881201	Rt
STR-04-SNC_Ilb_M_5_1	Alps (Switzerland)	100.24	101.63	1998	60	1160	ND	55	76	697	4164	1374	124	0.00052595	1.3893E-05	0.99946016	Rt
STR-04-SNC_Ilb_M_5_2	Alps (Switzerland)	99.02	100.26	1864	ND	1157	ND	57	4	420	4195	872	ND	0.00067345	2.2489E-05	0.99930406	Rt
STR-04-SNC_Ilb_M_5_3	Alps (Switzerland)	97.95	99.17	1895	ND	1134	ND	52	6	475	4092	783	29	0.00064869	2.7344E-05	0.99932396	Rt
STR-04-SNC_Ilb_M_7_1	Alps (Switzerland)	96.17	97.73	1525	ND	946	121	31	ND	475	4427	3527	ND	0.00113966	2.4123E-05	0.99883621	Rt
STR-04-SNC_Ilb_M_7_2	Alps (Switzerland)	96	97.61	1592	ND	984	28	36	1	485	4537	3690	ND	0.00101909	1.8059E-05	0.99896286	Rt
STR-04-SNC_Ilb_M_7_3	Alps (Switzerland)	95.46	97.17	1520	ND	952	156	29	2	1109	4650	3720	ND	0.00048981	1.6009E-05	0.99949418	Rt
STR-04-SNC_Ilb_M_10_2	Alps (Switzerland)	98.02	99.46	1454	ND	876	6	39	ND	111	4495	2760	232	0.00382987	5.2534E-05	0.9961176	Rt
STR-04-SNC_Ilb_M_10_3	Alps (Switzerland)	97.02	99.69	1228	ND	885	ND	4	ND	182	4243	9037	2303	0.00752648	0.00035653	0.99211699	Rt
STR-04-SNC_Ilb_M_11_1	Alps (Switzerland)	98.98	100.32	1159	ND	937	3	ND	31	317	4695	2125	46	0.00341338	0.00462975	0.99195687	Rt
STR-04-SNC_Ilb_M_11_2	Alps (Switzerland)	98.6	100.18	1112	148	964	ND	17	370	1170	4613	2036	353	0.00036301	3.4632E-05	0.99960236	Rt
STR-04-SNC_Ilb_M_11_3	Alps (Switzerland)	99.4	100.64	1079	ND	934	6	ND	1	325	4544	1761	ND	0.00316004	0.00476885	0.99207111	Rt
STR-04-SNC_Ilb_M_12_1	Alps (Switzerland)	97.84	99.02	1374	ND	611	5	ND	94	1455	2669	2227	12	0.00429446	0.00492264	0.9908279	Rt
STR-04-SNC_Ilb_M_12_2	Alps (Switzerland)	96.8	98.04	1284	ND	567	17	ND	269	1566	2745	2114	114	0.00383206	0.00545127	0.99071667	Rt
STR-04-SNC_Ilb_M_12_3	Alps (Switzerland)	96.93	98.08	1255	ND	562	ND	ND	122	1429	2658	2139	3	0.00439938	0.00557108	0.99002953	Rt
STR-04-SNC_Ilb_M_13_1	Alps (Switzerland)	98.93	100.59	1527	ND	4717	30	73	9	257	1937	3139	ND	0.00102921	1.8238E-07	0.99897061	Rt
STR-04-SNC_Ilb_M_13_2	Alps (Switzerland)	99.26	100.94	1613	ND	4757	52	88	ND	159	1914	3220	ND	0.00160281	1.8575E-07	0.998397	Rt
STR-04-SNC_Ilb_M_13_3	Alps (Switzerland)	99.14	100.83	1586	ND	4726	2	70	ND	145	1973	3343	ND	0.00180286	2.6702E-07	0.99819688	Rt
STR-04-SNC_Ilb_M_13_1	Alps (Switzerland)	99.11	100.79	1575	ND	4734	28	77	3	187	1941	3234	ND	0.00139267	2.0301E-07	0.99860712	Rt
STR-04-SNC_Ilb_M_14_1	Alps (Switzerland)	100.32	101.36	1667	ND	608	ND	34	27	683	2743	1591	8	0.00251812	7.6126E-05	0.99740576	Rt
STR-04-SNC_Ilb_M_14_2	Alps (Switzerland)	100.16	101.14	1471	ND	569	ND	8	28	675	2639	1548	ND	0.00437163	0.00062201	0.99500636	Rt
STR-04-SNC_Ilb_M_14_3	Alps (Switzerland)	100.55	101.5	1351	ND	554	ND	ND	38	633	2602	1481	ND	0.00919415	0.01255571	0.97825014	Rt
STR-04-SNC_Ilb_M_14_1	Alps (Switzerland)	100.34	101.33	1496	ND	577	ND	14	31	664	2661	1540	3	0.00358623	0.00027893	0.99613485	Rt
STR-04-SNC_Ilb_M_16	Alps (Switzerland)	99.07	100.39	1150	ND	1160	ND	15	82	510	5051	1070	92	0.00047195	7.3324E-05	0.99945472	Rt
STR-04-SNC_Ilb_M_18	Alps (Switzerland)	99.02	100.15	930	ND	716	ND	ND	51	455	4302	971	299	0.00251979	0.00913729	0.98834292	Rt
STR-04-SNC_Ilb_M_19	Alps (Switzerland)	99.72	101.29	298	308	1043	ND	22	405	669	3993	3824	236	0.00029312	3.5001E-06	0.99970338	Rt
STR-04-SNC_Ilb_M_21	Alps (Switzerland)	99.74	100.79	1827	ND	863	6	44	ND	498	3107	994	7	0.00153604	4.5717E-05	0.99841824	Rt
STR-04-SNC_Ilb_M_22	Alps (Switzerland)	99.01	100.15	1082	ND	856	ND	ND	18	428	3917	1675	ND	0.00346787	0.00487866	0.99165347	Rt
STR-04-SNC_Ilb_M_24	Alps (Switzerland)	98.86	100.08	1897	ND	1123	ND	ND	ND	246	4479	706	ND	0.00388692	0.01325313	0.98285995	Rt
STR-04-SNC_Ilb_M_27	Alps (Switzerland)	97.64	98.8	1015	ND	842	16	ND	28	396	4839	860	27	0.00199319	0.008628	0.98937881	Rt
STR-04-SNC_Ilb_M_28	Alps (Switzerland)	98.56	99.72	1568	ND	593	ND	18	52	741	2577	2707	7	0.00379101	0.00011958	0.99608941	Rt
STR-04-SNC_Ilb_M_30	Alps (Switzerland)	100.8	102.06	1185	ND	1166	ND	ND	3	274	5119	1006	ND	0.00209125	0.00549215	0.9924166	Rt
STR-04-SNC_Ilb_M_31	Alps (Switzerland)	100.18	101.05	1669	ND	400	33	4	70	965	1716	1299	8	0.0131892	0.003372	0.9834388	Rt
STR-04-SNC_Ilb_M_32	Alps (Switzerland)	99.81	101.16	463	ND	302	ND	24	ND	323	4909	3536	ND	0.00214256	0.00015735	0.99770008	Rt
STR-04-SNC_Ilb_M_33	Alps (Switzerland)	100.26	101.49	1058	ND	1344	ND	7	ND	309	3952	1923	ND	0.00145782	0.00011108	0.9984311	Rt
STR-04-SNC_Ilb_M_34	Alps (Switzerland)	98.67	99.91	1137	60	905	ND	3	70	387	4510	1383	76	0.00186102	0.00120741	0.99693157	Rt
STR-04-SNC_Ilb_M_35	Alps (Switzerland)	100.04	101.01	1710	ND	616	ND	20	6	351	2756	1395	ND	0.00535686	0.0002598	0.99438334	Rt
STR-04-SNC_Ilb_M_37	Alps (Switzerland)	96.39	97.83	1320	ND	1152	ND	32	22	256	4539	2735	27	0.00126312	2.108E-05	0.9987158	Rt
STR-04-SNC_Ilb_M_38	Alps (Switzerland)	99.94	101.1	453	ND	913	ND	ND	ND	341	5094	1267	ND	0.00116837	0.00236851	0.99646312	Rt
STR-04-SNC_Ilb_M_42	Alps (Switzerland)	100.39	101.42	1004	ND	824	ND	6	21	349	2667	2436	0	0.00497189	0.00026869	0.99475942	Rt

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Analysis label	Locality	TiO ₂	Total (Oxides)	Nb	Mg	Cr	W	Sn	Al	Fe	V	Zr	Si	Posterior probabilities			largest probability
		[mass-%]	[mass-%]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	Ant	Brk	Rt	
STR-04-SNC_Ilb_M_43	Alps (Switzerland)	97.82	99.5	1970	ND	1501	ND	59	3	299	4849	3113	3	0.00082758	6.5018E-06	0.99916592	Rt
STR-04-SNC_Ilb_M_44	Alps (Switzerland)	98.1	99.77	1276	ND	941	ND	27	ND	245	3837	5526	34	0.00289112	2.3847E-05	0.99708503	Rt
STR-04-SNC_Ilb_M_46	Alps (Switzerland)	100.98	101.92	1245	ND	434	6	17	67	782	2349	1715	8	0.00445233	0.00026325	0.99528442	Rt
STR-04-SNC_Ilb_M_48	Alps (Switzerland)	99.65	101.28	2227	ND	1137	28	41	ND	392	4185	3444	ND	0.00147524	1.8099E-05	0.99850666	Rt
STR-04-SNC_Ilb_M_2_1	Alps (Switzerland)	95.85	97.13	1198	ND	511	9	11	10	1540	3148	2626	38	0.0015215	0.00018635	0.99829215	Rt
STR-04-SNC_Ilb_10_1	Alps (Switzerland)	95.56	96.56	1278	ND	673	ND	15	45	497	3556	940	ND	0.00173633	0.00027896	0.99798471	Rt
STR-04-SNC_Ilb_11_1	Alps (Switzerland)	95.69	96.68	1683	ND	619	26	8	54	799	2072	1776	ND	0.00606098	0.00044473	0.99349428	Rt
STR-04-S311_Ilb_2_1	Alps (Switzerland)	97.39	98.37	713	ND	887	ND	17	ND	271	3854	1091	ND	0.0012402	8.1206E-05	0.9986786	Rt
STR-04-S311_Ilb_2_2	Alps (Switzerland)	97.36	98.46	944	ND	905	ND	41	ND	298	3947	1581	ND	0.00109589	2.2259E-05	0.99888185	Rt
STR-04-S311_Ilb_2_3	Alps (Switzerland)	96.76	97.85	1097	ND	928	41	49	ND	256	3974	1236	ND	0.00118094	2.5168E-05	0.9987939	Rt
STR-04-S311_Ilb_3_2	Alps (Switzerland)	97.51	98.49	917	ND	1260	ND	39	ND	396	2590	1682	ND	0.00124692	7.3176E-06	0.99874576	Rt
STR-04-S311_Ilb_3_3	Alps (Switzerland)	97.91	98.85	893	ND	1203	ND	41	3	221	2721	1461	30	0.00190201	1.147E-05	0.99808652	Rt
STR-04-S311_Ilb_4_1	Alps (Switzerland)	96.9	98.49	1506	ND	1164	ND	19	ND	234	4641	3651	ND	0.00190066	4.397E-05	0.99805537	Rt
STR-04-S311_Ilb_5_1	Alps (Switzerland)	97	98.14	1341	ND	929	ND	ND	ND	354	4366	953	ND	0.00304465	0.00899059	0.98796476	Rt
STR-04-S311_Ilb_5_2	Alps (Switzerland)	97.05	98.28	1608	ND	964	ND	36	ND	364	4477	1114	ND	0.00095383	5.2388E-05	0.99899379	Rt
STR-04-S311_Ilb_5_3	Alps (Switzerland)	96.95	98.12	1671	ND	967	16	8	ND	403	4328	738	ND	0.00139801	0.00059334	0.99800865	Rt
STR-04-S311_Ilb_6_1	Alps (Switzerland)	98.48	99.53	1632	ND	617	3	23	5	720	2518	1948	ND	0.00330456	0.0001021	0.99659333	Rt
STR-04-S311_Ilb_7_1	Alps (Switzerland)	98.41	98.91	79	ND	497	ND	19	5	252	2424	122	ND	0.00050591	8.1924E-05	0.99941217	Rt
STR-04-S311_Ilb_8_1	Alps (Switzerland)	97.42	98.33	1493	ND	630	18	2	ND	282	2819	1128	3	0.01138497	0.00762133	0.9809937	Rt
STR-04-S311_Ilb_9_1	Alps (Switzerland)	97.37	98.65	1299	ND	895	ND	9	ND	249	3776	2756	ND	0.00367879	0.00021498	0.99610623	Rt
STR-04-S311_Ilb_10_1	Alps (Switzerland)	97.66	98.67	927	ND	1115	6	56	ND	198	3051	1705	ND	0.00181605	9.1207E-06	0.99817482	Rt
STR-04-S311_Ilb_11_1	Alps (Switzerland)	97.2	98.41	1550	ND	774	18	15	1	252	3470	2468	3	0.00460757	0.00018324	0.99520919	Rt
STR-04-S311_Ilb_12	Alps (Switzerland)	97.18	98.14	1192	ND	617	3	ND	ND	191	3031	1739	ND	0.01785022	0.0155062	0.96664357	Rt
STR-04-S311_Ilb_13	Alps (Switzerland)	98.14	98.99	1550	ND	434	44	ND	ND	400	2186	1398	ND	0.02661568	0.03115697	0.94222735	Rt
STR-04-S311_Ilb_14	Alps (Switzerland)	96.56	97.73	1870	ND	751	11	ND	ND	352	3881	1264	ND	0.00672117	0.01671812	0.97656071	Rt
STR-04-S311_Ilb_15	Alps (Switzerland)	96.47	98.25	2174	ND	2034	8	6	ND	141	6017	1960	ND	0.00165558	0.0002258	0.99811863	Rt
STR-04-S311_Ilb_16	Alps (Switzerland)	100.03	101.27	994	ND	1130	ND	18	ND	173	4622	1629	1	0.00149344	6.5721E-05	0.99844084	Rt
STR-04-S311_Ilb_17	Alps (Switzerland)	97.12	98.36	1869	ND	649	ND	41	1	251	3039	2858	6	0.00608996	6.8453E-05	0.99384159	Rt
STR-04-S311_Ilb_18	Alps (Switzerland)	99.77	100.71	1360	ND	365	19	13	ND	248	2232	2388	ND	0.02215209	0.00092199	0.97692592	Rt
STR-04-S311_Ilb_19	Alps (Switzerland)	97.13	98.48	1730	ND	894	20	3	ND	332	4296	2194	3	0.0038009	0.00155391	0.99464519	Rt
STR-04-S311_Ilb_20	Alps (Switzerland)	96.83	98.85	5879	ND	970	ND	44	ND	239	5801	1122	ND	0.00223883	0.0002469	0.99751426	Rt
STR-04-S311_Ilb_21	Alps (Switzerland)	98.9	99.78	748	ND	1821	85	52	ND	238	1728	1456	ND	0.00200508	2.0039E-06	0.99799292	Rt
STR-04-S311_Ilb_22	Alps (Switzerland)	98.67	99.96	1324	ND	1161	ND	34	ND	202	2775	3656	ND	0.0040372	1.4238E-05	0.99594857	Rt
STR-04-S311_Ilb_23	Alps (Switzerland)	97.63	98.78	1452	ND	678	ND	17	ND	433	3036	2528	ND	0.00376942	0.00013232	0.99609826	Rt
STR-04-S311_Ilb_24	Alps (Switzerland)	97.77	98.74	1369	ND	417	ND	23	ND	337	2035	2759	ND	0.01471092	0.00022103	0.98506805	Rt
STR-04-S311_Ilb_25	Alps (Switzerland)	97.71	98.83	1602	ND	603	13	42	4	224	2790	2649	ND	0.00735009	7.0845E-05	0.99257907	Rt
STR-04-S311_Ilb_26	Alps (Switzerland)	96.8	97.89	1555	ND	898	53	11	ND	187	3767	1132	ND	0.0038563	0.00043455	0.99570915	Rt
STR-04-S311_Ilb_27	Alps (Switzerland)	97.24	98.29	370	ND	704	35	37	ND	226	3771	2275	ND	0.00115495	1.3641E-05	0.9988314	Rt
STR-04-S311_Ilb_28	Alps (Switzerland)	97.05	98.52	1101	ND	3893	90	78	ND	204	3699	1106	ND	0.00027067	5.5792E-07	0.99972878	Rt
STR-04-S311_Ilb_29	Alps (Switzerland)	97.46	98.68	1184	ND	499	35	4	ND	198	3005	3709	ND	0.01770566	0.00196831	0.98032603	Rt
STR-04-S311_Ilb_30	Alps (Switzerland)	97.37	98.65	1233	ND	755	98	25	ND	410	4030	2467	ND	0.00162326	5.8083E-05	0.99831866	Rt
STR-04-S311_Ilb_31	Alps (Switzerland)	98.6	99.56	1769	ND	998	ND	28	ND	274	2395	1194	ND	0.00436847	6.5799E-05	0.99556573	Rt
STR-04-S313_Ilb_3_1	Alps (Switzerland)	97.93	98.99	1336	ND	829	ND	29	6	244	4009	943	0	0.00176725	0.00010945	0.99812329	Rt
STR-04-S313_Ilb_4_1	Alps (Switzerland)	98.03	98.94	1055	ND	541	ND	19	3	501	2485	1849	3	0.00412252	0.00013815	0.99573933	Rt
STR-04-S313_Ilb_5_1	Alps (Switzerland)	97.67	98.85	2189	ND	720	43	37	40	455	2655	2172	4	0.00425618	6.1939E-05	0.99568188	Rt
STR-04-S313_Ilb_5_2	Alps (Switzerland)	97.56	98.71	2196	ND	695	24	30	30	473	2567	2133	8	0.004862	8.9133E-05	0.99504887	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S313_Ilb_5_3	Alps (Switzerland)	97.26	98.46	2186	ND	720	91	33	40	502	2757	2131	ND	0.00375423	7.1179E-05	0.99617459	Rt
STR-04-S313_Ilb_6_1	Alps (Switzerland)	97.18	98.38	358	ND	1444	ND	23	ND	206	3123	3331	ND	0.00102029	3.6564E-06	0.99897605	Rt
STR-04-S313_Ilb_6_2	Alps (Switzerland)	96.6	97.92	469	ND	1427	ND	ND	ND	207	3180	4033	ND	0.00388637	0.00041422	0.99569941	Rt
STR-04-S313_Ilb_6_3	Alps (Switzerland)	96.6	97.93	501	ND	1372	ND	7	ND	189	3256	4111	ND	0.00228099	3.1118E-05	0.99768789	Rt
STR-04-S313_Ilb_7_1	Alps (Switzerland)	98.28	99.34	1608	ND	602	6	23	ND	378	2913	1925	ND	0.0046895	0.00016308	0.99514742	Rt
STR-04-S313_Ilb_8_1	Alps (Switzerland)	100.64	101.65	1271	ND	639	16	23	ND	187	2752	2232	ND	0.00813924	0.00013973	0.99172103	Rt
STR-04-S313_Ilb_9_1	Alps (Switzerland)	97.23	98.96	3602	ND	1533	18	21	ND	218	5269	1279	0	0.00159959	0.00012919	0.99827123	Rt
STR-04-S313_Ilb_10_1	Alps (Switzerland)	98.88	99.68	1108	ND	824	47	26	14	299	2355	932	5	0.00340401	7.4559E-05	0.99652143	Rt
STR-04-S313_Ilb_11_1	Alps (Switzerland)	98.82	100.53	2208	ND	1561	226	40	ND	236	5206	2526	ND	0.00101562	1.6214E-05	0.99896817	Rt
STR-04-S313_Ilb_11_2	Alps (Switzerland)	97.21	99	2173	ND	1533	173	43	ND	281	5336	3060	ND	0.00086444	1.1967E-05	0.9991236	Rt
STR-04-S313_Ilb_11_3	Alps (Switzerland)	96.65	98.45	2237	ND	1587	167	ND	ND	205	5267	3131	ND	0.00433617	0.00300001	0.99266383	Rt
STR-04-S313_Ilb_12_1	Alps (Switzerland)	96.78	98.25	2987	ND	1194	ND	11	ND	149	4660	1135	10	0.00391299	0.00059824	0.99548877	Rt
STR-04-S313_Ilb_14	Alps (Switzerland)	96.94	98.66	1720	ND	952	10	23	ND	145	5915	3259	ND	0.00241011	9.7519E-05	0.99749238	Rt
STR-04-S313_Ilb_15	Alps (Switzerland)	97.68	98.83	1434	ND	1255	6	31	ND	147	3936	1182	ND	0.00203347	4.6317E-05	0.99792021	Rt
STR-04-S313_Ilb_16	Alps (Switzerland)	97.41	98.3	1553	ND	525	ND	28	43	793	2322	1005	ND	0.00303864	0.00015449	0.99680687	Rt
STR-04-S313_Ilb_17	Alps (Switzerland)	98.15	99.39	960	ND	829	ND	21	ND	239	5587	938	ND	0.00086329	0.00013904	0.99899767	Rt
STR-04-S313_Ilb_18	Alps (Switzerland)	98.03	99.13	1356	ND	619	ND	24	ND	168	2939	2675	4	0.00909401	0.00014633	0.99075966	Rt
STR-04-S313_Ilb_19	Alps (Switzerland)	97.65	98.88	1685	ND	793	ND	43	65	312	3860	1808	ND	0.00203559	4.8667E-05	0.99791575	Rt
STR-04-S313_Ilb_20	Alps (Switzerland)	99.55	100.76	799	ND	580	ND	28	ND	265	3615	3277	ND	0.00299744	5.4288E-05	0.99694827	Rt
STR-04-S313_Ilb_21	Alps (Switzerland)	97.48	98.78	1846	ND	762	14	30	408	494	2922	2541	ND	0.00309724	5.371E-05	0.99684905	Rt
STR-04-S313_Ilb_23	Alps (Switzerland)	97.03	98.15	1331	ND	527	ND	30	3	313	2994	2696	ND	0.00542847	0.00010721	0.99446432	Rt
STR-04-S313_Ilb_24	Alps (Switzerland)	98.38	99.5	521	ND	1171	ND	23	ND	271	4423	1404	ND	0.00054385	1.6994E-05	0.99943916	Rt
STR-04-S313_Ilb_25	Alps (Switzerland)	99.3	100.21	1478	ND	609	11	ND	6	179	2793	1327	ND	0.02371143	0.0245357	0.95175288	Rt
STR-04-S313_Ilb_26	Alps (Switzerland)	97.75	98.66	1461	ND	614	ND	17	ND	215	3104	938	ND	0.00565035	0.00050468	0.99384497	Rt
STR-04-S313_Ilb_27	Alps (Switzerland)	99.67	100.93	1432	ND	949	ND	ND	5	131	3646	2701	ND	0.01507172	0.0070105	0.97791777	Rt
STR-04-S313_Ilb_28	Alps (Switzerland)	98.72	99.72	1806	ND	734	ND	71	143	639	2249	1381	ND	0.00242685	1.9693E-05	0.99755345	Rt
STR-04-S313_Ilb_29	Alps (Switzerland)	97.75	98.86	884	ND	476	ND	28	ND	169	3395	2930	ND	0.00661316	0.00013015	0.99325669	Rt
STR-04-S313_Ilb_30	Alps (Switzerland)	96.85	98.27	1176	ND	1245	ND	10	ND	144	5962	1256	ND	0.0012952	0.00022195	0.99848286	Rt
STR-04-S313_Ilb_32	Alps (Switzerland)	96.75	98.43	2528	ND	1292	27	21	ND	319	4004	3599	ND	0.00236239	4.3651E-05	0.99759396	Rt
STR-04-S313_Ilb_33	Alps (Switzerland)	99.6	100.65	1766	ND	577	ND	ND	6	464	2400	2158	ND	0.01860686	0.01357535	0.9678178	Rt
STR-04-S313_Ilb_34	Alps (Switzerland)	96.84	98.59	4463	ND	536	35	31	25	439	3406	3468	ND	0.00840408	0.00029499	0.99130093	Rt
STR-04-S313_Ilb_35	Alps (Switzerland)	97.78	98.83	1962	ND	546	ND	24	ND	229	2780	1786	14	0.01011138	0.00032948	0.98955914	Rt
STR-04-S315_Ilb_1_1	Alps (Switzerland)	98.08	98.96	1291	ND	580	ND	28	ND	269	3091	822	ND	0.00361543	0.00023544	0.99614913	Rt
STR-04-S315_Ilb_1_2	Alps (Switzerland)	99.92	100.78	1210	ND	556	ND	ND	1	246	3043	880	8	0.01268591	0.02814265	0.95917144	Rt
STR-04-S315_Ilb_1_3	Alps (Switzerland)	98.83	99.64	974	ND	549	3	6	ND	299	2992	831	7	0.00509104	0.00163128	0.99327767	Rt
STR-04-S315_Ilb_2_1	Alps (Switzerland)	98.35	99.6	1399	ND	999	52	33	ND	263	2980	3040	14	0.0032758	2.2809E-05	0.99670139	Rt
STR-04-S315_Ilb_3_1	Alps (Switzerland)	97.02	98.8	827	ND	1034	5	17	ND	147	7471	2910	ND	0.00087116	6.3118E-05	0.99906573	Rt
STR-04-S315_Ilb_4_1	Alps (Switzerland)	98.17	99.78	1653	ND	1304	ND	ND	ND	232	6850	1045	ND	0.0016719	0.0075632	0.9907649	Rt
STR-04-S315_Ilb_4_2	Alps (Switzerland)	98.14	99.8	1681	ND	1275	49	13	ND	244	7110	1116	ND	0.00065307	0.00019132	0.99915561	Rt
STR-04-S315_Ilb_4_3	Alps (Switzerland)	98.77	100.4	1633	ND	1297	ND	21	ND	288	6831	1203	ND	0.0005	7.5665E-05	0.99942433	Rt
STR-04-S315_Ilb_5_1	Alps (Switzerland)	97.87	99.13	1927	ND	918	14	13	ND	301	4164	1470	7	0.00245208	0.00027791	0.99727001	Rt
STR-04-S315_Ilb_6_1	Alps (Switzerland)	97.37	98.99	1085	20	995	ND	17	ND	97	5667	3382	1	0.00283316	9.4995E-05	0.99707185	Rt
STR-04-S315_Ilb_7_1	Alps (Switzerland)	97.95	99.34	1346	ND	1357	ND	19	ND	130	4749	2085	ND	0.00202653	5.6408E-05	0.99791706	Rt
STR-04-S315_Ilb_7_2	Alps (Switzerland)	98.64	99.98	1139	ND	1355	ND	39	ND	164	4739	1897	ND	0.00109026	1.5519E-05	0.99889422	Rt
STR-04-S315_Ilb_7_3	Alps (Switzerland)	99	100.25	926	ND	1300	ND	41	ND	166	4572	1724	ND	0.00097808	1.3064E-05	0.99900886	Rt
STR-04-S315_Ilb_8_1	Alps (Switzerland)	97.55	98.91	1374	ND	804	ND	ND	ND	221	4297	2856	ND	0.00827293	0.00761143	0.98411564	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S315_Ilb_8_2	Alps (Switzerland)	97.37	98.85	1573	ND	847	ND	ND	ND	241	4346	3367	ND	0.00826478	0.00673698	0.98499824	Rt
STR-04-S315_Ilb_8_3	Alps (Switzerland)	96.86	98.43	1797	ND	869	ND	27	6	209	4425	3693	ND	0.00324844	6.6172E-05	0.99668538	Rt
STR-04-S315_Ilb_9_1	Alps (Switzerland)	97.05	98.54	2513	ND	783	ND	26	3	282	3202	3744	ND	0.00647377	9.5561E-05	0.99343067	Rt
STR-04-S315_Ilb_9_2	Alps (Switzerland)	96.76	98.31	2644	ND	793	ND	ND	4	444	3402	3753	1	0.01200955	0.00848134	0.97950911	Rt
STR-04-S315_Ilb_9_3	Alps (Switzerland)	96.91	98.48	2660	ND	798	ND	36	9	394	3421	3762	ND	0.00386493	5.2188E-05	0.99608289	Rt
STR-04-S315_Ilb_10_1	Alps (Switzerland)	99.52	100.62	1296	ND	606	8	21	141	323	3150	2184	2	0.00426729	0.00014696	0.99558575	Rt
STR-04-S315_Ilb_11	Alps (Switzerland)	97.83	98.73	1712	ND	482	51	16	17	274	2626	1183	ND	0.00989361	0.00079608	0.98931031	Rt
STR-04-S315_Ilb_12	Alps (Switzerland)	97.07	98.52	668	ND	782	ND	ND	ND	202	5263	3307	ND	0.00391644	0.00364516	0.99243841	Rt
STR-04-S315_Ilb_13	Alps (Switzerland)	96.97	98.36	1259	ND	741	ND	7	ND	264	3229	4318	ND	0.00700037	0.00030194	0.99269769	Rt
STR-04-S315_Ilb_14	Alps (Switzerland)	96.86	98.04	1023	ND	989	ND	71	ND	241	3463	2555	ND	0.00156465	6.8143E-06	0.99842854	Rt
STR-04-S315_Ilb_15	Alps (Switzerland)	98.19	99.3	946	ND	584	32	24	1	148	2828	3263	ND	0.00944912	0.00010071	0.99045017	Rt
STR-04-S315_Ilb_16	Alps (Switzerland)	98.63	99.76	1733	ND	1028	ND	50	ND	257	3743	1006	ND	0.00154185	3.703E-05	0.99842112	Rt
STR-04-S315_Ilb_17	Alps (Switzerland)	98.34	99.46	1434	ND	560	ND	6	10	424	2922	2576	ND	0.00728583	0.00089097	0.9918232	Rt
STR-04-S315_Ilb_18	Alps (Switzerland)	96.99	98.74	1794	ND	2005	ND	27	ND	169	4335	3926	15	0.00163105	1.0206E-05	0.99835874	Rt
STR-04-S315_Ilb_19	Alps (Switzerland)	98.61	99.68	2164	ND	1195	ND	13	25	476	1689	1994	ND	0.0071519	7.2629E-05	0.99277548	Rt
STR-04-S315_Ilb_20	Alps (Switzerland)	99.65	100.77	985	ND	925	ND	ND	ND	219	3609	2088	ND	0.0068286	0.00436422	0.98880717	Rt
STR-04-S315_Ilb_21	Alps (Switzerland)	98.81	99.59	501	ND	236	32	27	ND	166	2256	2316	ND	0.01840806	0.00035403	0.98123791	Rt
STR-04-S315_Ilb_22	Alps (Switzerland)	98.15	99.54	1309	ND	829	24	39	ND	381	3761	3460	ND	0.00176978	2.0996E-05	0.99820922	Rt
STR-04-S315_Ilb_23	Alps (Switzerland)	98.1	99.2	1165	ND	571	ND	10	ND	209	3101	2712	ND	0.00895648	0.00046849	0.99057503	Rt
STR-04-S315_Ilb_24	Alps (Switzerland)	97.84	99.01	1362	ND	450	24	20	22	368	2664	3337	20	0.00860835	0.00021191	0.99117974	Rt
STR-04-S315_Ilb_25	Alps (Switzerland)	97.29	98.47	1388	ND	734	ND	ND	26	521	2801	2852	ND	0.00894977	0.00491774	0.98613249	Rt
STR-04-S315_Ilb_26	Alps (Switzerland)	98.63	99.23	340	ND	505	ND	36	ND	307	2243	798	ND	0.00214999	3.9303E-05	0.99781071	Rt
STR-04-S315_Ilb_27	Alps (Switzerland)	97.56	98.62	1518	ND	409	ND	ND	15	613	2030	2939	3	0.0277419	0.0159386	0.95631951	Rt
STR-04-S315_Ilb_28	Alps (Switzerland)	100.56	101.51	1228	ND	776	62	ND	ND	284	3353	923	0	0.00673069	0.01259592	0.98067338	Rt
STR-04-S315_Ilb_29	Alps (Switzerland)	97.28	98.89	1481	ND	1334	13	37	ND	284	5165	2924	ND	0.00081978	1.3265E-05	0.99916695	Rt
STR-04-S315_Ilb_30	Alps (Switzerland)	98.28	99.67	926	ND	1142	ND	ND	224	219	4514	2646	ND	0.00373661	0.00233316	0.99393023	Rt
STR-04-S316_Ilb_1_1	Alps (Switzerland)	97.97	99.14	1369	ND	903	ND	ND	ND	128	3574	2290	ND	0.01542605	0.00841232	0.97616163	Rt
STR-04-S316_Ilb_1_2	Alps (Switzerland)	97.19	98.42	1439	ND	906	38	1	ND	139	3614	2520	ND	0.01497263	0.00794147	0.97708589	Rt
STR-04-S316_Ilb_1_3	Alps (Switzerland)	97.58	98.88	1731	ND	939	ND	ND	ND	158	3675	2638	ND	0.01450464	0.00823764	0.97725772	Rt
STR-04-S316_Ilb_3_1	Alps (Switzerland)	96.88	97.79	908	ND	954	ND	27	ND	361	3058	1063	ND	0.00134468	3.669E-05	0.99861863	Rt
STR-04-S316_Ilb_3_2	Alps (Switzerland)	97.97	98.88	916	ND	935	ND	43	13	401	3077	935	ND	0.00101346	2.0575E-05	0.99896597	Rt
STR-04-S316_Ilb_3_3	Alps (Switzerland)	98.01	98.9	959	ND	966	ND	ND	16	384	3034	800	ND	0.0037846	0.00514927	0.99106613	Rt
STR-04-S316_Ilb_4_1	Alps (Switzerland)	97.76	98.77	983	ND	806	114	38	ND	228	3425	1472	5	0.00213385	3.9055E-05	0.99782709	Rt
STR-04-S316_Ilb_5_1	Alps (Switzerland)	98.68	99.47	1077	ND	564	18	7	12	648	2113	1130	ND	0.00506886	0.00062101	0.99431013	Rt
STR-04-S316_Ilb_6_1	Alps (Switzerland)	97.58	98.52	1595	ND	1060	ND	37	27	424	2281	1215	2	0.00250418	2.5784E-05	0.99747004	Rt
STR-04-S316_Ilb_6_2	Alps (Switzerland)	97.45	98.43	1746	ND	1022	ND	34	23	398	2373	1276	ND	0.00289269	3.5835E-05	0.99707148	Rt
STR-04-S316_Ilb_6_3	Alps (Switzerland)	97.28	98.28	1729	ND	1048	ND	ND	24	443	2434	1296	ND	0.00821621	0.00503469	0.98674911	Rt
STR-04-S316_Ilb_7_1	Alps (Switzerland)	99.78	100.39	339	ND	460	ND	47	ND	226	2536	646	ND	0.00216567	4.8099E-05	0.99778623	Rt
STR-04-S316_Ilb_8_1	Alps (Switzerland)	96.85	98.65	1498	ND	2344	26	13	ND	110	4699	3939	ND	0.00198332	2.1669E-05	0.99799501	Rt
STR-04-S316_Ilb_9_1	Alps (Switzerland)	99.13	100.4	1147	ND	842	12	28	ND	306	3639	2967	5	0.00218012	3.4757E-05	0.99778513	Rt
STR-04-S316_Ilb_10_1	Alps (Switzerland)	100.98	101.52	102	ND	468	ND	34	6	368	2146	583	ND	0.00078047	1.3848E-05	0.99920569	Rt
STR-04-S316_Ilb_11_1	Alps (Switzerland)	96.82	98.15	3305	ND	909	49	60	ND	523	3784	629	ND	0.00119104	7.6051E-05	0.99873291	Rt
STR-04-S316_Ilb_12	Alps (Switzerland)	97.75	99.04	3228	ND	884	ND	66	49	350	3345	1059	ND	0.00249841	5.6216E-05	0.99744537	Rt
STR-04-S316_Ilb_13	Alps (Switzerland)	97.93	98.9	1048	ND	746	ND	14	ND	122	3605	1218	ND	0.00530196	0.0003507	0.99434734	Rt
STR-04-S316_Ilb_14	Alps (Switzerland)	97.9	99.04	1698	ND	1191	ND	24	ND	195	4055	736	ND	0.00168137	0.00011172	0.99820691	Rt
STR-04-S316_Ilb_15	Alps (Switzerland)	97.47	98.81	1659	ND	526	59	40	ND	324	3112	3764	6	0.00587081	7.2343E-05	0.99405685	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S316_Ilb_16	Alps (Switzerland)	96.97	98.05	3060	ND	677	ND	53	7	397	2510	832	ND	0.00479149	0.000131	0.99507751	Rt
STR-04-S316_Ilb_18	Alps (Switzerland)	98.14	98.96	1088	ND	692	ND	53	ND	226	2684	1000	ND	0.00335071	4.6051E-05	0.99660324	Rt
STR-04-S316_Ilb_19	Alps (Switzerland)	100.5	101.54	1516	ND	797	ND	44	32	307	2563	2062	ND	0.00406272	3.159E-05	0.99590569	Rt
STR-04-S316_Ilb_20	Alps (Switzerland)	97.99	99.52	1469	ND	1224	ND	16	ND	102	4703	3234	ND	0.00379356	8.4605E-05	0.99612183	Rt
STR-04-S316_Ilb_21	Alps (Switzerland)	100.97	101.7	1138	ND	573	ND	58	ND	292	2332	640	37	0.00364452	7.389E-05	0.99628159	Rt
STR-04-S316_Ilb_22	Alps (Switzerland)	100.76	101.7	1613	ND	598	ND	66	8	483	2979	865	ND	0.00194176	5.6737E-05	0.9980015	Rt
STR-04-S316_Ilb_23	Alps (Switzerland)	97.36	98.74	2616	ND	977	ND	37	ND	274	3510	2275	ND	0.00342345	5.4539E-05	0.99652201	Rt
STR-04-S316_Ilb_24	Alps (Switzerland)	97.62	98.68	1344	ND	751	ND	ND	ND	251	3538	1584	ND	0.00907992	0.01126164	0.97965844	Rt
STR-04-S316_Ilb_25	Alps (Switzerland)	96.98	98.27	1334	ND	680	ND	27	2	1808	3156	1980	136	0.00068592	3.3479E-05	0.9992806	Rt
STR-04-S316_Ilb_26	Alps (Switzerland)	97.42	98.57	1729	60	1059	ND	31	15	185	2664	2256	67	0.00566428	3.991E-05	0.99429581	Rt
STR-04-S316_Ilb_27	Alps (Switzerland)	98.31	99.46	2029	ND	1034	ND	30	61	406	3308	1144	ND	0.00175602	6.1526E-05	0.99818245	Rt
STR-04-S316_Ilb_28	Alps (Switzerland)	99.79	100.54	753	ND	768	ND	80	ND	243	2845	529	ND	0.00133436	2.0183E-05	0.99864546	Rt
STR-04-S316_Ilb_29	Alps (Switzerland)	97.59	98.76	460	ND	580	ND	67	ND	180	3769	3180	ND	0.00190365	1.0455E-05	0.99808589	Rt
STR-04-S316_Ilb_30	Alps (Switzerland)	97.48	98.45	965	ND	837	ND	54	ND	217	3595	1087	ND	0.00155345	2.7497E-05	0.99841905	Rt
STR-04-S316_Ilb_31	Alps (Switzerland)	97.99	98.98	803	ND	1030	22	14	ND	193	2981	1905	ND	0.00318528	6.3379E-05	0.99675134	Rt
STR-04-S317_Ilb_1_1	Alps (Switzerland)	97.08	98.72	1183	ND	1635	2	14	ND	86	5717	2779	ND	0.00191385	5.4428E-05	0.99803173	Rt
STR-04-S317_Ilb_1_2	Alps (Switzerland)	97.43	99	1111	ND	1630	ND	14	ND	89	5537	2550	ND	0.00182499	5.2402E-05	0.99812261	Rt
STR-04-S317_Ilb_1_3	Alps (Switzerland)	97.21	98.83	1037	220	1650	ND	44	ND	221	5677	2407	ND	0.00046198	5.733E-06	0.99953229	Rt
STR-04-S317_Ilb_2_1	Alps (Switzerland)	98.49	100.47	6516	ND	946	45	13	ND	528	4836	892	4	0.00234299	0.00119696	0.99646006	Rt
STR-04-S317_Ilb_3_1	Alps (Switzerland)	97.98	99.25	1073	ND	728	ND	7	ND	396	3612	3158	ND	0.00321595	0.00027418	0.99650988	Rt
STR-04-S317_Ilb_3_2	Alps (Switzerland)	97.69	99.02	974	ND	736	ND	24	ND	497	3728	3463	ND	0.00151505	3.3865E-05	0.99845108	Rt
STR-04-S317_Ilb_3_3	Alps (Switzerland)	98.12	99.46	933	ND	745	6	9	ND	400	3653	3795	ND	0.00265698	0.00013482	0.9972082	Rt
STR-04-S317_Ilb_4_1	Alps (Switzerland)	97.93	99.31	2961	ND	698	8	8	2	382	3394	2183	ND	0.00719071	0.00104864	0.99176065	Rt
STR-04-S317_Ilb_5_1	Alps (Switzerland)	97.47	98.91	1124	ND	1200	ND	14	ND	191	4231	3358	ND	0.002259	5.1607E-05	0.99768939	Rt
STR-04-S317_Ilb_6_1	Alps (Switzerland)	100.18	100.96	1017	ND	718	ND	11	7	369	2323	1037	ND	0.00437748	0.00026255	0.99535996	Rt
STR-04-S317_Ilb_7_1	Alps (Switzerland)	97.35	98.42	1753	ND	534	33	22	6	420	2736	2112	ND	0.00608111	0.00021776	0.99370112	Rt
STR-04-S317_Ilb_8_3	Alps (Switzerland)	96.44	98.08	4704	ND	908	808	176	52	3559	1500	191	ND	0.00064181	1.3134E-05	0.99934506	Rt
STR-04-S317_Ilb_9_1	Alps (Switzerland)	98.4	99.75	1731	ND	936	18	14	ND	381	4123	2271	ND	0.00202645	0.0001351	0.99783845	Rt
STR-04-S317_Ilb_10_1	Alps (Switzerland)	95.01	98.14	10346	ND	1401	379	25	33	784	6225	2710	ND	0.0010844	0.00013127	0.99878433	Rt
STR-04-S317_Ilb_10_2	Alps (Switzerland)	95.93	98.95	9931	ND	1344	469	9	50	619	6093	2699	ND	0.0020295	0.00068016	0.99729034	Rt
STR-04-S317_Ilb_10_3	Alps (Switzerland)	95.4	98.4	9630	ND	1364	439	41	89	683	6016	2800	ND	0.00108666	6.5424E-05	0.99884792	Rt
STR-04-S317_Ilb_11	Alps (Switzerland)	96.8	98.29	1845	ND	1022	ND	22	ND	251	4156	3165	ND	0.00266265	6.1827E-05	0.99727552	Rt
STR-04-S317_Ilb_12	Alps (Switzerland)	97.32	98.58	1697	ND	855	ND	37	21	408	2030	3981	ND	0.0062495	1.8965E-05	0.99373153	Rt
STR-04-S317_Ilb_13	Alps (Switzerland)	97.07	99.16	5943	ND	1125	55	46	ND	349	5173	1902	ND	0.00192583	8.8173E-05	0.997986	Rt
STR-04-S317_Ilb_14	Alps (Switzerland)	98.3	99.36	1927	ND	724	ND	ND	ND	326	3291	1147	ND	0.00995185	0.01950116	0.97054698	Rt
STR-04-S317_Ilb_15	Alps (Switzerland)	98.02	99.03	1481	ND	673	ND	ND	ND	487	3364	1086	ND	0.00579217	0.01439072	0.9798171	Rt
STR-04-S317_Ilb_16	Alps (Switzerland)	97.82	98.8	844	ND	642	39	1	8	324	3047	2019	ND	0.00847582	0.00646879	0.98505539	Rt
STR-04-S317_Ilb_17	Alps (Switzerland)	97.55	98.7	1375	ND	522	ND	4	67	282	2814	3047	ND	0.01439194	0.00194572	0.98366234	Rt
STR-04-S317_Ilb_18	Alps (Switzerland)	98.55	99.37	1193	ND	662	ND	17	28	471	2540	857	ND	0.00298296	0.0002121	0.99680494	Rt
STR-04-S317_Ilb_19	Alps (Switzerland)	97.47	98.37	1087	ND	809	ND	38	ND	202	3227	928	ND	0.00246087	6.3004E-05	0.99747612	Rt
STR-04-S317_Ilb_21	Alps (Switzerland)	98.72	99.85	644	ND	1137	ND	11	ND	208	4774	998	ND	0.00085543	0.00010301	0.99904155	Rt
STR-04-S317_Ilb_22	Alps (Switzerland)	99.18	100.16	1581	ND	684	ND	8	ND	254	3019	1270	ND	0.00685372	0.00092635	0.99221993	Rt
STR-04-S317_Ilb_23	Alps (Switzerland)	97.44	98.92	1427	ND	1019	11	ND	ND	469	5274	2090	ND	0.00205111	0.00416802	0.99378087	Rt
STR-04-S317_Ilb_24	Alps (Switzerland)	96.57	98.02	1323	ND	1051	ND	15	ND	174	5315	2236	ND	0.00184887	0.0001193	0.99803183	Rt
STR-04-S317_Ilb_25	Alps (Switzerland)	96.92	98.18	843	ND	849	22	ND	ND	159	4193	2786	ND	0.00753879	0.00460434	0.98785687	Rt
STR-04-S317_Ilb_26	Alps (Switzerland)	98.48	99.44	722	ND	610	ND	ND	ND	397	2839	2154	ND	0.00765165	0.0050305	0.98731785	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S317_Ilb_27	Alps (Switzerland)	98.85	99.87	1223	ND	722	ND	6	ND	522	3727	900	ND	0.00184768	0.00086399	0.99728833	Rt
STR-04-S317_Ilb_28	Alps (Switzerland)	99.51	100.38	621	ND	597	ND	48	4	311	3348	1124	ND	0.00138545	3.2992E-05	0.99858156	Rt
STR-04-S317_Ilb_29	Alps (Switzerland)	98.57	99.39	1147	ND	483	19	80	153	2082	1732	171	0	0.00071201	5.264E-05	0.99923535	Rt
STR-04-S317_Ilb_30	Alps (Switzerland)	99.17	100.41	1062	ND	1082	5	20	ND	236	4693	1503	ND	0.00113064	6.0503E-05	0.99880885	Rt
OSS-04-S319_Ilb_1_1	Alps (Switzerland)	97.27	98.45	722	ND	820	ND	ND	ND	207	3968	2585	8	0.00587786	0.00371215	0.99040998	Rt
OSS-04-S319_Ilb_1_2	Alps (Switzerland)	97.62	98.86	764	ND	803	ND	7	ND	206	4077	2844	ND	0.00316758	0.00024003	0.9965924	Rt
OSS-04-S319_Ilb_1_3	Alps (Switzerland)	96.82	98.11	814	ND	853	ND	ND	ND	248	4079	3144	3	0.00529403	0.00310735	0.99159862	Rt
OSS-04-S319_Ilb_2_1	Alps (Switzerland)	97.43	98.25	1678	ND	1068	4	45	0	202	1680	1068	ND	0.00791113	2.9245E-05	0.99205963	Rt
OSS-04-S319_Ilb_4_1	Alps (Switzerland)	96.83	98.35	1771	ND	1115	ND	20	ND	257	4785	2726	ND	0.00175384	6.4549E-05	0.99818161	Rt
OSS-04-S319_Ilb_4_2	Alps (Switzerland)	96.39	97.9	1749	ND	1067	ND	24	ND	276	4781	2671	ND	0.00159515	5.2793E-05	0.99835206	Rt
OSS-04-S319_Ilb_4_3	Alps (Switzerland)	96.84	98.33	1836	ND	1079	ND	28	ND	266	4786	2414	ND	0.00154929	4.7843E-05	0.99840287	Rt
OSS-04-S319_Ilb_5_1	Alps (Switzerland)	96.89	97.97	1244	ND	774	21	21	ND	328	4259	787	6	0.00130116	0.00018624	0.99851259	Rt
OSS-04-S319_Ilb_6_1	Alps (Switzerland)	97.89	99.14	1610	ND	1051	ND	31	ND	252	4290	1456	11	0.00151054	5.3032E-05	0.99843643	Rt
OSS-04-S319_Ilb_6_2	Alps (Switzerland)	98.07	99.27	1396	ND	1079	ND	ND	ND	264	4198	1401	17	0.00424159	0.00587571	0.9898827	Rt
OSS-04-S319_Ilb_6_3	Alps (Switzerland)	97.86	99.01	1325	ND	1074	ND	ND	ND	272	4121	1225	ND	0.00394282	0.00599926	0.99005792	Rt
OSS-04-S319_Ilb_7_1	Alps (Switzerland)	96.99	98.35	2355	ND	665	ND	13	2	367	3649	2535	ND	0.00515699	0.00042402	0.99441899	Rt
OSS-04-S319_Ilb_8_1	Alps (Switzerland)	99.42	100.74	1572	ND	854	ND	9	ND	390	3726	2787	ND	0.00304537	0.00023024	0.99672439	Rt
OSS-04-S319_Ilb_8_2	Alps (Switzerland)	99.48	100.83	1687	ND	838	ND	41	3	389	3694	2889	ND	0.00199609	2.8567E-05	0.99797534	Rt
OSS-04-S319_Ilb_8_3	Alps (Switzerland)	100.36	101.78	1825	ND	828	ND	17	ND	422	3619	3292	ND	0.00292907	9.8815E-05	0.99697212	Rt
OSS-04-S319_Ilb_9_1	Alps (Switzerland)	96.54	98.11	982	ND	1139	14	11	ND	190	5218	3424	ND	0.00163435	7.6315E-05	0.99828933	Rt
OSS-04-S319_Ilb_11_1	Alps (Switzerland)	97.44	98.94	2125	ND	1709	218	22	ND	249	4562	1587	ND	0.00113597	3.7976E-05	0.99882606	Rt
OSS-04-S319_Ilb_12_1	Alps (Switzerland)	97.21	98.19	1520	ND	657	49	6	ND	305	2758	1569	ND	0.00815328	0.00109716	0.99074956	Rt
OSS-04-S319_Ilb_12_2	Alps (Switzerland)	96.69	97.71	1621	ND	655	21	58	16	280	2925	1612	ND	0.0038531	4.797E-05	0.99609893	Rt
OSS-04-S319_Ilb_12_3	Alps (Switzerland)	96.61	97.71	1898	ND	677	ND	28	8	330	3006	1783	ND	0.0045619	0.00013116	0.99530694	Rt
OSS-04-S319_Ilb_13	Alps (Switzerland)	96.67	98.14	1568	ND	1036	ND	7	ND	347	4050	3300	ND	0.00270796	0.00020701	0.99708503	Rt
OSS-04-S319_Ilb_14	Alps (Switzerland)	97.11	98.56	1251	ND	881	ND	17	ND	296	5069	2630	ND	0.0014483	9.1193E-05	0.9984605	Rt
OSS-04-S319_Ilb_16	Alps (Switzerland)	97.36	98.7	1518	ND	1284	17	23	ND	204	4974	1248	ND	0.00113672	6.4126E-05	0.99879916	Rt
OSS-04-S319_Ilb_17	Alps (Switzerland)	99.59	101.03	1146	ND	1468	2	11	ND	190	5394	1835	ND	0.00106568	8.0371E-05	0.99885395	Rt
OSS-04-S319_Ilb_18	Alps (Switzerland)	97.5	98.25	810	ND	533	21	11	ND	239	2475	1153	ND	0.00709241	0.00048533	0.99242226	Rt
OSS-04-S319_Ilb_21	Alps (Switzerland)	98.52	99.65	2033	ND	833	41	ND	ND	281	3923	766	ND	0.00651607	0.02342639	0.97005754	Rt
OSS-04-S319_Ilb_22	Alps (Switzerland)	100.48	101.38	700	ND	1262	38	ND	ND	355	2652	1304	ND	0.00353163	0.00134252	0.99512585	Rt
OSS-04-S319_Ilb_23	Alps (Switzerland)	97.37	98.81	1102	ND	911	ND	ND	ND	233	4924	2931	ND	0.00459419	0.00448553	0.99092028	Rt
OSS-04-S319_Ilb_24	Alps (Switzerland)	97.06	98.79	1452	ND	1377	ND	47	ND	277	3948	4192	632	0.00133055	5.9562E-06	0.99866349	Rt
OSS-04-S319_Ilb_25	Alps (Switzerland)	96.52	97.75	1769	ND	755	67	14	24	268	4068	1564	38	0.00330132	0.00035866	0.99634002	Rt
OSS-04-S319_Ilb_26	Alps (Switzerland)	97.77	98.95	1254	ND	579	ND	37	ND	425	2856	3183	ND	0.00374968	4.3728E-05	0.99620659	Rt
OSS-04-S319_Ilb_27	Alps (Switzerland)	98.74	99.68	5	ND	2705	ND	40	ND	103	2068	1687	ND	4.8945E-05	5.2411E-09	0.99995105	Rt
OSS-04-S319_Ilb_28	Alps (Switzerland)	98.54	99.67	1723	ND	1262	3	16	ND	447	1613	2925	ND	0.00683791	2.8117E-05	0.99313397	Rt
OSS-04-S319_Ilb_29	Alps (Switzerland)	97.11	98.38	1358	ND	1581	67	31	ND	194	4210	1436	ND	0.0010976	1.9586E-05	0.99888282	Rt
OSS-04-S319_Ilb_30	Alps (Switzerland)	97.02	98.6	1650	ND	1060	2	9	ND	1280	3877	3343	ND	0.00081276	6.835E-05	0.99911889	Rt
OSS-04-S319_Ilb_32	Alps (Switzerland)	97.28	98.44	1491	ND	936	37	19	ND	363	3125	2168	ND	0.00274144	6.8756E-05	0.9971898	Rt
OSS-04-S319_Ilb_33	Alps (Switzerland)	98.08	99.08	1260	ND	904	ND	50	ND	326	3634	740	4	0.00106685	3.699E-05	0.99889616	Rt
OSS-04-S319_Ilb_35	Alps (Switzerland)	97.67	99.01	1857	ND	727	ND	33	ND	427	3466	2926	ND	0.00280573	5.5529E-05	0.99713875	Rt
OSS-04-S319_Ilb_36	Alps (Switzerland)	97.8	99.62	1829	ND	1177	56	28	ND	253	5065	4423	ND	0.00161314	2.6681E-05	0.99836017	Rt
OSS-04-S319_Ilb_37	Alps (Switzerland)	98.61	100.13	1550	ND	1249	152	19	ND	223	4747	2720	ND	0.00163941	4.9415E-05	0.99831117	Rt
STR-04-S320_Ilb_2_1	Alps (Switzerland)	98.25	99.37	1306	ND	1187	1	23	ND	394	3704	1191	ND	0.00099989	4.0708E-05	0.99895941	Rt
STR-04-S320_Ilb_3_1	Alps (Switzerland)	98.91	100.23	1272	ND	1213	ND	33	ND	124	5641	793	ND	0.00102174	6.8001E-05	0.99891026	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
STR-04-S320_Ilb_3_2	Alps (Switzerland)	99.25	100.58	1300	ND	1215	ND	16	ND	117	5698	833	8	0.00140561	0.00019758	0.99839681	Rt
STR-04-S320_Ilb_3_3	Alps (Switzerland)	99.25	100.52	993	ND	1212	10	46	ND	134	5580	814	ND	0.00072004	2.9582E-05	0.99925037	Rt
STR-04-S320_Ilb_4_1	Alps (Switzerland)	97.59	98.61	1194	ND	795	21	13	ND	269	3900	891	ND	0.00211573	0.00032755	0.99755672	Rt
STR-04-S320_Ilb_5_1	Alps (Switzerland)	97.69	98.76	1802	ND	939	ND	42	ND	275	3565	838	4	0.00180523	6.5971E-05	0.9981288	Rt
STR-04-S320_Ilb_6_1	Alps (Switzerland)	97.96	98.78	645	ND	565	52	33	1	502	2764	1177	7	0.00158377	4.5876E-05	0.99837035	Rt
STR-04-S320_Ilb_7_1	Alps (Switzerland)	98.95	100.03	1025	ND	616	25	26	22	295	3785	1706	ND	0.00235258	0.00010754	0.99753988	Rt
STR-04-S320_Ilb_8_1	Alps (Switzerland)	98.17	99.29	1911	ND	759	16	56	7	301	3726	987	3	0.00194605	6.5878E-05	0.99798807	Rt
STR-04-S320_Ilb_9_1	Alps (Switzerland)	98.16	99.33	2530	ND	1078	3	37	ND	399	3247	850	1	0.00176197	6.6107E-05	0.99817192	Rt
STR-04-S320_Ilb_10_1	Alps (Switzerland)	97.32	98.26	1315	ND	663	ND	6	14	293	3144	1047	5	0.00521582	0.00131257	0.99347162	Rt
STR-04-S320_Ilb_11_1	Alps (Switzerland)	96.97	98.64	2437	ND	1304	11	17	ND	275	3993	3754	1	0.0028596	5.8415E-05	0.99708198	Rt
STR-04-S320_Ilb_12	Alps (Switzerland)	97.69	98.35	660	ND	567	ND	91	33	563	1988	714	15	0.00155197	1.2566E-05	0.99843546	Rt
STR-04-S320_Ilb_13	Alps (Switzerland)	99.51	100.16	1111	ND	448	ND	51	8	337	1806	768	2	0.00721048	0.00011058	0.99267895	Rt
STR-04-S320_Ilb_14	Alps (Switzerland)	97.57	98.82	2194	ND	1080	ND	7	11	307	3567	1575	ND	0.00370013	0.0004767	0.99582317	Rt
STR-04-S320_Ilb_15	Alps (Switzerland)	97.74	98.58	832	ND	779	3	27	ND	285	3005	951	ND	0.00195741	6.4835E-05	0.99797776	Rt
STR-04-S320_Ilb_16	Alps (Switzerland)	99.57	100.4	970	ND	848	21	50	1	286	2642	977	ND	0.0020433	2.4271E-05	0.99793243	Rt
STR-04-S320_Ilb_18	Alps (Switzerland)	97.47	98.4	1096	ND	790	13	4	15	180	3541	788	ND	0.00496761	0.0021434	0.99288899	Rt
STR-04-S320_Ilb_20	Alps (Switzerland)	97.14	98.54	1869	ND	967	ND	13	3	313	3521	3199	ND	0.0037742	0.00012429	0.99610151	Rt
STR-04-S320_Ilb_21	Alps (Switzerland)	97.32	98.05	598	ND	369	ND	29	4	319	2823	928	ND	0.00342822	0.00020815	0.99636363	Rt
STR-04-S320_Ilb_22	Alps (Switzerland)	97.91	98.88	1326	ND	588	ND	ND	65	531	3086	1185	ND	0.00684615	0.01489129	0.97826256	Rt
STR-04-S320_Ilb_23	Alps (Switzerland)	97.85	98.81	1734	ND	582	ND	33	7	618	2527	1224	13	0.00321357	0.00011313	0.99667331	Rt
STR-04-S320_Ilb_25	Alps (Switzerland)	100.75	101.66	1234	ND	646	ND	17	62	442	2798	1171	ND	0.00310795	0.000202	0.99669005	Rt
STR-04-S320_Ilb_26	Alps (Switzerland)	100.69	101.61	1758	ND	844	ND	13	31	411	2385	1025	ND	0.00451369	0.00025835	0.99522796	Rt
STR-04-S320_Ilb_27	Alps (Switzerland)	97.22	98.72	1653	ND	951	69	ND	ND	303	4295	3303	ND	0.00620665	0.00486806	0.98892529	Rt
STR-04-S320_Ilb_28	Alps (Switzerland)	97.74	98.65	935	ND	821	ND	77	77	365	2573	1524	4	0.00171058	8.4618E-06	0.99828096	Rt
STR-04-S320_Ilb_29	Alps (Switzerland)	96.67	97.95	2230	ND	828	18	11	ND	278	3835	1709	11	0.00427109	0.00048153	0.99524738	Rt
STR-04-S320_Ilb_30	Alps (Switzerland)	97.41	98.16	941	ND	533	ND	39	31	380	2550	746	ND	0.00275299	9.9913E-05	0.99714709	Rt
STR-04-S320_Ilb_31	Alps (Switzerland)	101.2	101.66	254	ND	397	ND	26	ND	351	2019	161	28	0.0016014	0.00021606	0.99818254	Rt
STR-04-S320_Ilb_32	Alps (Switzerland)	99.86	100.58	356	ND	805	ND	ND	ND	353	3229	275	ND	0.00148435	0.00568779	0.99282786	Rt
STR-04-S320_Ilb_33	Alps (Switzerland)	99.5	100.78	1732	ND	574	ND	38	ND	550	2436	3807	ND	0.0053226	4.4505E-05	0.99463289	Rt
STR-04-S320_Ilb_34	Alps (Switzerland)	98.62	99.66	826	ND	946	59	67	ND	172	3469	1712	16	0.0017052	1.0265E-05	0.99828453	Rt
STR-04-S320_Ilb_35	Alps (Switzerland)	96.52	97.94	998	ND	1274	ND	38	ND	424	5053	2092	21	0.00040568	9.0087E-06	0.99958531	Rt
OSS-04-S322_Ilb_1_1	Alps (Switzerland)	97.89	99.1	1653	ND	670	1467	55	49	2372	2429	101	ND	0.00030391	0.00010171	0.99959438	Rt
OSS-04-S322_Ilb_1_2	Alps (Switzerland)	97.21	98.34	1383	ND	649	1225	97	65	2346	2332	102	ND	0.00024552	3.8512E-05	0.99971596	Rt
OSS-04-S322_Ilb_1_3	Alps (Switzerland)	97.99	99.19	1715	ND	658	1261	52	45	2511	2412	101	ND	0.00031253	0.00011594	0.99957153	Rt
OSS-04-S322_Ilb_2_1	Alps (Switzerland)	99.25	100	37	ND	62	ND	8	ND	3459	1944	15	ND	0.00025933	0.01347381	0.98626685	Rt
OSS-04-S322_Ilb_2_2	Alps (Switzerland)	100.15	100.87	69	ND	59	ND	24	ND	3087	1958	98	ND	0.00061632	0.00182604	0.99755764	Rt
OSS-04-S322_Ilb_2_3	Alps (Switzerland)	99.32	100.1	18	ND	48	38	ND	ND	3618	1952	73	ND	0.00061824	0.06335463	0.93602712	Rt
OSS-04-S322_Ilb_3_1	Alps (Switzerland)	96.68	98.33	1645	ND	890	19	23	ND	263	5114	3598	ND	0.00193463	6.8009E-05	0.99799736	Rt
OSS-04-S322_Ilb_3_2	Alps (Switzerland)	96.28	97.9	1595	ND	858	39	4	ND	260	5056	3602	ND	0.00372968	0.00088767	0.99538266	Rt
OSS-04-S322_Ilb_3_3	Alps (Switzerland)	96.64	98.21	1620	ND	867	14	18	ND	222	4880	3453	ND	0.00269168	0.00011197	0.99719635	Rt
OSS-04-S322_Ilb_4_1	Alps (Switzerland)	97.63	98.71	1248	ND	520	209	113	ND	1125	4258	87	12	0.00017736	0.00010013	0.99972251	Rt
OSS-04-S322_Ilb_4_2	Alps (Switzerland)	97.63	98.72	1342	ND	479	211	128	15	1169	4231	104	ND	0.00020374	9.4684E-05	0.99970158	Rt
OSS-04-S322_Ilb_4_3	Alps (Switzerland)	97	98.23	1839	ND	482	312	135	26	1271	4443	90	ND	0.00020491	0.00013493	0.99966016	Rt
OSS-04-S322_Ilb_5_1	Alps (Switzerland)	97.66	98.68	2878	ND	304	6	198	227	1961	1502	111	ND	0.00210694	0.00016081	0.99773225	Rt
OSS-04-S322_Ilb_5_2	Alps (Switzerland)	97.35	98.35	2825	ND	159	ND	220	248	1983	1534	133	ND	0.00419324	0.00053287	0.99527389	Rt
OSS-04-S322_Ilb_5_3	Alps (Switzerland)	96.92	98.38	4287	ND	230	132	202	237	2414	1723	130	681	0.00264521	0.00040064	0.99695415	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
OSS-04-S322_Ilb_6_1	Alps (Switzerland)	96.74	97.9	3487	ND	365	126	65	132	3105	984	108	ND	0.00402322	0.00043088	0.9955459	Rt
OSS-04-S322_Ilb_6_2	Alps (Switzerland)	97.21	98.48	3953	ND	355	138	99	113	3412	994	81	ND	0.0032399	0.00033947	0.99642063	Rt
OSS-04-S322_Ilb_6_3	Alps (Switzerland)	96.74	98.41	5680	ND	374	222	158	169	4213	1063	113	14	0.0027899	0.00016929	0.9970408	Rt
OSS-04-S322_Ilb_7_1	Alps (Switzerland)	99.08	99.55	81	ND	964	17	7	40	1863	347	105	9	0.00164595	1.209E-05	0.99834196	Rt
OSS-04-S322_Ilb_7_2	Alps (Switzerland)	99.22	99.74	59	ND	862	6	23	60	2342	370	99	ND	0.00068359	1.8386E-06	0.99931457	Rt
OSS-04-S322_Ilb_7_3	Alps (Switzerland)	98.52	99.02	23	ND	997	ND	24	54	2066	381	109	ND	0.000304	4.1682E-07	0.99969558	Rt
OSS-04-S322_Ilb_8_1	Alps (Switzerland)	98.2	98.94	138	ND	1206	69	ND	5	2973	900	118	ND	0.00046719	0.00023819	0.99929462	Rt
OSS-04-S322_Ilb_8_2	Alps (Switzerland)	97.93	98.68	96	ND	1326	14	25	ND	2997	880	184	ND	0.0001232	8.6813E-07	0.99987593	Rt
OSS-04-S322_Ilb_8_3	Alps (Switzerland)	100.74	101.44	94	ND	1268	ND	35	ND	2887	663	218	ND	0.00020551	4.6292E-07	0.99979402	Rt
OSS-04-S322_Ilb_9_1	Alps (Switzerland)	98.4	99.26	1971	ND	546	88	84	13	1646	1731	49	ND	0.00076921	0.00019269	0.99903811	Rt
OSS-04-S322_Ilb_9_2	Alps (Switzerland)	98.79	99.66	1871	ND	510	161	58	26	1862	1776	12	ND	0.00049031	0.00092973	0.99857996	Rt
OSS-04-S322_Ilb_9_3	Alps (Switzerland)	98.65	99.55	1889	ND	557	167	28	47	1885	1786	67	5	0.00098438	0.00064183	0.99837379	Rt
OSS-04-S322_Ilb_10_1	Alps (Switzerland)	97.76	98.79	2446	ND	374	46	108	21	1732	2495	99	ND	0.00079551	0.00028605	0.99891844	Rt
OSS-04-S322_Ilb_10_2	Alps (Switzerland)	96.86	97.99	2806	ND	387	11	99	44	1979	2528	139	6	0.00084489	0.00025803	0.99889709	Rt
OSS-04-S322_Ilb_10_3	Alps (Switzerland)	96.2	97.39	3271	ND	374	ND	150	38	1958	2563	112	ND	0.00078583	0.00021653	0.99899764	Rt
OSS-04-S322_Ilb_11	Alps (Switzerland)	97.91	98.98	2744	ND	460	275	97	66	2738	1247	105	2	0.00163929	0.00013014	0.99823056	Rt
OSS-04-S322_Ilb_12	Alps (Switzerland)	99.8	100.48	76	ND	543	ND	ND	ND	3896	530	58	ND	0.00115178	0.00085144	0.99799678	Rt
OSS-04-S322_Ilb_13	Alps (Switzerland)	98.7	99.6	1704	ND	18	ND	100	21	3353	1294	110	ND	0.02987542	0.098924	0.87120058	Rt
OSS-04-S322_Ilb_14	Alps (Switzerland)	100.17	101.07	1828	ND	389	482	90	40	2377	1277	70	ND	0.00142467	0.00019396	0.99838137	Rt
OSS-04-S322_Ilb_15	Alps (Switzerland)	98.94	99.92	2282	ND	457	118	103	78	2580	1327	102	1	0.00131477	0.00010594	0.99857929	Rt
OSS-04-S322_Ilb_16	Alps (Switzerland)	97.37	98.16	1499	ND	473	41	104	30	1198	2135	98	ND	0.00078597	0.00011445	0.99909958	Rt
OSS-04-S322_Ilb_17	Alps (Switzerland)	97.43	98.06	32	ND	1448	ND	3	ND	2346	619	122	ND	0.00020614	5.5011E-06	0.99978836	Rt
OSS-04-S322_Ilb_18	Alps (Switzerland)	98.91	100.06	3185	ND	515	362	143	303	2583	888	241	ND	0.00357395	3.3592E-05	0.99639245	Rt
OSS-04-S322_Ilb_19	Alps (Switzerland)	97.58	98.99	3639	ND	940	169	96	112	2268	2695	115	1	0.00028367	5.1154E-05	0.99966517	Rt
OSS-04-S322_Ilb_20	Alps (Switzerland)	99.58	101.11	2948	ND	402	2298	111	259	3848	1278	58	ND	0.00110825	0.00020312	0.99868863	Rt
OSS-04-S322_Ilb_21	Alps (Switzerland)	97.75	98.66	78	ND	697	9	32	ND	4787	1192	15	ND	3.3273E-05	1.105E-05	0.99995568	Rt
OSS-04-S322_Ilb_22	Alps (Switzerland)	98	98.93	2011	ND	666	140	94	102	2044	1498	112	ND	0.00083032	4.8989E-05	0.99912069	Rt
OSS-04-S322_Ilb_23	Alps (Switzerland)	96.94	98.11	3047	ND	549	205	93	40	3272	1179	113	8	0.00141722	8.7098E-05	0.99849568	Rt
OSS-04-S322_Ilb_24	Alps (Switzerland)	97.13	98.27	2368	ND	596	352	73	43	3848	1026	58	ND	0.00102808	0.00010521	0.99886671	Rt
OSS-04-S322_Ilb_25	Alps (Switzerland)	97.15	97.88	764	ND	296	195	75	70	1705	1975	154	ND	0.00085126	0.00014221	0.99900653	Rt
OSS-04-S322_Ilb_26	Alps (Switzerland)	97.16	97.97	1061	ND	309	445	65	ND	2522	1433	107	ND	0.00120219	0.00021052	0.99858729	Rt
OSS-04-S322_Ilb_27	Alps (Switzerland)	97.82	99.15	1662	ND	473	108	80	11	5752	1665	64	ND	0.00029468	9.5778E-05	0.99960954	Rt
OSS-04-S322_Ilb_28	Alps (Switzerland)	98.34	99.29	1945	ND	434	279	52	92	2808	1219	81	21	0.00156007	0.00028741	0.99815253	Rt
OSS-04-S322_Ilb_29	Alps (Switzerland)	97.12	98.25	502	ND	1540	1708	300	62	3006	1126	115	ND	8.6509E-05	1.8288E-07	0.99991331	Rt
OSS-04-S322_Ilb_30	Alps (Switzerland)	99.6	100.54	2405	ND	401	264	132	71	2539	855	182	ND	0.00389386	5.874E-05	0.9960474	Rt
OSS-04-S324_Ilb_NM_1_1	Alps (Switzerland)	97.92	99.07	1806	ND	874	924	60	173	2847	1449	158	ND	0.00057348	2.8252E-05	0.99939827	Rt
OSS-04-S324_Ilb_NM_1_2	Alps (Switzerland)	98.22	99.42	2321	ND	905	777	110	272	2664	1433	159	ND	0.00058889	1.4988E-05	0.99939612	Rt
OSS-04-S324_Ilb_NM_1_3	Alps (Switzerland)	96.97	98.32	3008	ND	910	867	119	189	3060	1470	134	2	0.00055283	1.8908E-05	0.99942827	Rt
OSS-04-S324_Ilb_NM_2_1	Alps (Switzerland)	97.84	98.59	1319	ND	487	158	64	77	2264	992	90	1	0.00172389	9.9168E-05	0.99817694	Rt
OSS-04-S324_Ilb_NM_3_1	Alps (Switzerland)	97.28	98.07	1714	ND	235	ND	61	33	2350	1204	119	ND	0.00364469	0.00067877	0.99567653	Rt
OSS-04-S324_Ilb_NM_3_2	Alps (Switzerland)	97.17	98.08	2180	ND	214	73	89	82	2543	1241	115	27	0.00372194	0.00064329	0.99563477	Rt
OSS-04-S324_Ilb_NM_3_3	Alps (Switzerland)	96.91	97.93	2707	ND	205	195	73	48	2747	1311	129	ND	0.00432937	0.00109967	0.99457096	Rt
OSS-04-S324_Ilb_NM_4_1	Alps (Switzerland)	96.46	98.09	5197	ND	594	622	156	339	2983	1520	224	ND	0.00141287	4.6404E-05	0.99854073	Rt
OSS-04-S324_Ilb_NM_4_2	Alps (Switzerland)	96.77	98.03	3780	ND	558	317	109	237	2323	1472	150	ND	0.00157653	9.3447E-05	0.99833003	Rt
OSS-04-S324_Ilb_NM_4_3	Alps (Switzerland)	95.92	97	2914	ND	507	268	109	268	2012	1447	87	8	0.0014198	0.00013637	0.99844383	Rt
OSS-04-S324_Ilb_NM_5_1	Alps (Switzerland)	96.17	97.57	3384	ND	319	439	81	74	4164	1579	158	ND	0.00157311	0.00032988	0.99809701	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
OSS-04-S324_Ilb_NM_6_1	Alps (Switzerland)	99.15	99.83	970	ND	555	12	100	43	1809	1318	120	4	0.00081856	2.8109E-05	0.99915333	Rt
OSS-04-S324_Ilb_NM_7_1	Alps (Switzerland)	98.68	99.87	1580	ND	786	1776	121	ND	2899	1478	127	ND	0.00040379	1.3108E-05	0.9995831	Rt
OSS-04-S324_Ilb_NM_7_2	Alps (Switzerland)	98.2	99.1	1325	ND	740	355	113	ND	2465	1368	136	ND	0.0005273	1.3649E-05	0.99945905	Rt
OSS-04-S324_Ilb_NM_7_3	Alps (Switzerland)	98.56	99.48	1838	ND	688	98	147	3	2511	1260	143	ND	0.00077774	1.4931E-05	0.99920733	Rt
OSS-04-S324_Ilb_NM_8_1	Alps (Switzerland)	99.5	100.51	2048	ND	698	319	216	95	1987	1780	140	ND	0.00048483	1.2638E-05	0.99950253	Rt
OSS-04-S324_Ilb_NM_8_2	Alps (Switzerland)	98.83	99.94	2254	ND	679	568	206	89	2033	1964	153	ND	0.00046284	1.5606E-05	0.99952155	Rt
OSS-04-S324_Ilb_NM_8_3	Alps (Switzerland)	98.2	99.21	1746	ND	700	533	153	71	1967	1884	174	ND	0.00047162	1.5128E-05	0.99951325	Rt
OSS-04-S324_Ilb_NM_9_1	Alps (Switzerland)	97.39	98.34	1453	ND	293	130	92	138	3105	1499	156	ND	0.00123864	0.0001447	0.99861667	Rt
OSS-04-S324_Ilb_NM_9_2	Alps (Switzerland)	97.16	98.28	1902	ND	274	417	103	177	3511	1611	174	ND	0.00128472	0.00017531	0.99853997	Rt
OSS-04-S324_Ilb_NM_9_3	Alps (Switzerland)	97.52	98.47	1441	ND	302	69	77	146	3222	1478	184	ND	0.00132273	0.00014951	0.99852776	Rt
OSS-04-S324_Ilb_NM_10_1	Alps (Switzerland)	99.58	100.47	1854	ND	707	25	138	73	2096	1366	98	ND	0.0007034	2.3241E-05	0.99927336	Rt
OSS-04-S324_Ilb_NM_10_2	Alps (Switzerland)	99.41	100.37	2085	ND	571	132	97	91	2364	1431	118	23	0.00096833	6.0742E-05	0.99897093	Rt
OSS-04-S324_Ilb_NM_10_3	Alps (Switzerland)	99	99.98	2218	ND	574	134	92	19	2458	1461	113	ND	0.00094254	7.0892E-05	0.99898657	Rt
OSS-04-S324_Ilb_NM_11	Alps (Switzerland)	99.86	100.69	158	ND	767	ND	31	ND	4225	988	67	ND	0.00013271	7.2058E-06	0.99986009	Rt
OSS-04-S324_Ilb_NM_12	Alps (Switzerland)	98.26	99.64	2470	ND	472	321	131	40	5821	895	95	ND	0.00114808	4.3007E-05	0.99880891	Rt
OSS-04-S324_Ilb_NM_13	Alps (Switzerland)	97.63	98.74	2900	ND	466	273	23	93	2897	1253	126	ND	0.0027743	0.00091378	0.99631192	Rt
OSS-04-S324_Ilb_NM_14	Alps (Switzerland)	99.1	99.71	76	ND	508	44	76	ND	3027	766	38	ND	0.00015694	3.5219E-06	0.99983953	Rt
OSS-04-S324_Ilb_NM_16	Alps (Switzerland)	97.49	98.86	2203	ND	1482	156	440	2	3523	1923	192	ND	9.7003E-05	5.1903E-07	0.99990248	Rt
OSS-04-S324_Ilb_NM_17	Alps (Switzerland)	96.6	97.8	2994	ND	747	171	62	25	2466	2062	113	ND	0.00054621	0.00011204	0.99934175	Rt
OSS-04-S324_Ilb_NM_18	Alps (Switzerland)	97.2	98.65	2157	ND	464	204	328	1	6241	1273	70	ND	0.00034684	1.4169E-05	0.99963899	Rt
OSS-04-S324_Ilb_NM_20	Alps (Switzerland)	99.74	100.4	50	ND	1301	ND	42	ND	2769	602	55	ND	9.1019E-05	4.1941E-07	0.99990856	Rt
OSS-04-S324_Ilb_NM_21	Alps (Switzerland)	97.98	98.65	71	ND	526	5	21	ND	3607	748	64	ND	0.0002353	1.188E-05	0.99975282	Rt
OSS-04-S324_Ilb_NM_22	Alps (Switzerland)	96.83	98.21	3754	ND	661	269	58	236	3218	1572	78	ND	0.00085856	0.00021271	0.99892873	Rt
OSS-04-S324_Ilb_NM_23	Alps (Switzerland)	98.71	99.51	1164	ND	454	190	62	107	2134	1509	90	20	0.00085687	0.00013089	0.99901224	Rt
OSS-04-S324_Ilb_NM_24	Alps (Switzerland)	98.53	99.79	136	ND	620	63	37	ND	7707	960	35	ND	6.893E-05	8.6022E-06	0.99992247	Rt
OSS-04-S324_Ilb_NM_25	Alps (Switzerland)	97.94	99.01	2451	ND	362	238	34	68	3339	1169	120	ND	0.00276049	0.00071178	0.99652773	Rt
OSS-04-S324_Ilb_NM_26	Alps (Switzerland)	97.75	99.56	709	ND	272	2388	24	38	9947	443	133	ND	0.00349716	0.00017796	0.99632488	Rt
OSS-04-S324_Ilb_NM_27	Alps (Switzerland)	93.82	98.54	2626	ND	499	16415	206	313	14924	997	306	ND	0.00048487	5.715E-06	0.99950942	Rt
OSS-04-S324_Ilb_NM_28	Alps (Switzerland)	96.83	98.09	3778	ND	792	ND	65	107	1226	2727	96	1	0.00066373	0.00022422	0.99911205	Rt
OSS-04-S324_Ilb_NM_29	Alps (Switzerland)	97.36	98.29	1826	ND	365	256	118	64	2738	1277	141	ND	0.00153064	8.532E-05	0.99838404	Rt
OSS-04-S324_Ilb_NM_30	Alps (Switzerland)	97.44	98.1	305	ND	318	ND	ND	ND	3264	923	103	17	0.0031994	0.01367873	0.98312187	Rt
OSS-04-S324_Ilb_NM_31	Alps (Switzerland)	97.03	97.67	647	ND	301	105	42	64	2463	914	116	55	0.0023023	0.00018532	0.99751238	Rt
OSS-04-S324_Ilb_M_3_2	Alps (Switzerland)	96.46	98.85	6900	ND	259	741	220	ND	8517	709	351	ND	0.00673058	7.7852E-05	0.99319157	Rt
OSS-04-S324_Ilb_M_3_3	Alps (Switzerland)	97.34	99.61	6037	ND	266	777	196	ND	8616	638	289	ND	0.00687737	8.0603E-05	0.99304203	Rt
OSS-04-S324_Ilb_M_5_1	Alps (Switzerland)	94.32	98.31	12932	ND	435	813	798	ND	13525	750	110	ND	0.00157844	1.3851E-05	0.99840771	Rt
OSS-04-S324_Ilb_M_5_2	Alps (Switzerland)	94.57	98.31	12513	ND	391	835	714	26	12204	793	102	ND	0.0017534	2.2917E-05	0.99822368	Rt
OSS-04-S324_Ilb_M_5_3	Alps (Switzerland)	93.94	98.33	15589	ND	418	615	793	26	13914	793	76	ND	0.00149537	2.5012E-05	0.99847962	Rt
OSS-04-S324_Ilb_M_8_1	Alps (Switzerland)	97.61	98.43	164	ND	1825	21	ND	ND	3032	936	26	ND	0.00018771	0.00032967	0.99948262	Rt
OSS-04-S324_Ilb_M_8_2	Alps (Switzerland)	99.92	100.65	127	ND	2016	ND	20	ND	2401	661	90	ND	0.00016738	1.0468E-06	0.99983158	Rt
OSS-04-S324_Ilb_M_8_3	Alps (Switzerland)	98.44	99.15	167	ND	1415	33	4	ND	2640	895	67	ND	0.00026182	4.4421E-05	0.99969376	Rt
OSS-04-S324_Ilb_M_9_1	Alps (Switzerland)	95.05	98.18	11534	ND	187	ND	88	ND	10027	905	165	ND	0.00862692	0.00195465	0.98941843	Rt
OSS-04-S324_Ilb_M_9_2	Alps (Switzerland)	94.33	97.55	11884	ND	185	ND	124	ND	10183	910	180	ND	0.00797161	0.00118395	0.99084444	Rt
OSS-04-S324_Ilb_M_9_3	Alps (Switzerland)	95.38	98.91	13212	ND	196	ND	93	ND	11193	910	219	ND	0.00873504	0.00146316	0.98980179	Rt
OSS-04-S324_Ilb_M_12_1	Alps (Switzerland)	97.58	98.63	2424	ND	1247	234	4	16	2248	1334	64	ND	0.00133225	0.00181376	0.99685398	Rt
OSS-04-S324_Ilb_M_12_2	Alps (Switzerland)	97.41	98.69	3471	ND	1314	149	4	12	2715	1393	64	22	0.0012864	0.00224122	0.99647237	Rt
OSS-04-S324_Ilb_M_12_3	Alps (Switzerland)	97.11	97.88	1139	ND	1180	ND	21	ND	1979	1186	87	ND	0.00068244	6.4177E-05	0.99925338	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
OSS-04-S324_Ilb_M2_11_1	Alps (Switzerland)	97.25	98.79	1498	ND	1269	3547	100	84	2905	1698	255	ND	0.00023557	3.4576E-06	0.99976097	Rt
OSS-04-S324_Ilb_M2_11_2	Alps (Switzerland)	97.58	98.87	1286	ND	1253	2222	109	76	2689	1566	267	ND	0.00025972	2.5667E-06	0.99973771	Rt
OSS-04-S324_Ilb_M2_11_3	Alps (Switzerland)	97.36	98.71	1421	ND	1298	2407	69	42	2874	1607	224	ND	0.00026814	5.6744E-06	0.99972618	Rt
OSS-04-S324_Ilb_M2_4_1	Alps (Switzerland)	99.32	100.64	1673	ND	248	2025	143	26	3541	1837	276	ND	0.00105865	8.9892E-05	0.99885145	Rt
OSS-04-S324_Ilb_M2_4_2	Alps (Switzerland)	99.33	100.48	1567	ND	229	1300	111	6	3217	1756	268	ND	0.00141132	0.00015236	0.99843633	Rt
OSS-04-S324_Ilb_M2_16_1	Alps (Switzerland)	97.81	98.51	881	ND	242	42	100	141	2242	1333	40	13	0.00108996	0.00033389	0.99857615	Rt
OSS-04-S324_Ilb_M2_16_2	Alps (Switzerland)	97.59	98.45	1712	ND	119	96	79	145	2527	1402	32	26	0.00332242	0.00585812	0.99081946	Rt
OSS-04-S324_Ilb_M2_16_3	Alps (Switzerland)	97.58	98.32	1214	ND	111	11	59	104	2476	1328	12	ND	0.00247626	0.01382583	0.9836979	Rt
SAB-04-S326_Ilb_1_1	Alps (Switzerland)	96.36	98.39	4700	ND	695	2169	157	357	3956	2062	589	ND	0.0006674	1.3951E-05	0.99931865	Rt
SAB-04-S326_Ilb_2_1	Alps (Switzerland)	97.65	98.65	657	ND	1555	236	39	2	1356	2821	408	ND	0.00013157	4.3701E-06	0.99986406	Rt
SAB-04-S326_Ilb_3_1	Alps (Switzerland)	97.55	98.89	2206	ND	1225	1425	92	39	1694	2496	467	ND	0.00034354	6.8967E-06	0.99964956	Rt
SAB-04-S326_Ilb_4_1	Alps (Switzerland)	97.72	98.72	1144	ND	2109	318	13	ND	1363	1971	176	ND	0.00030181	3.1225E-05	0.99966697	Rt
SAB-04-S326_Ilb_5_1	Alps (Switzerland)	97.83	98.91	1152	ND	672	107	94	149	3691	1629	347	ND	0.00038342	8.3621E-06	0.99960822	Rt
SAB-04-S326_Ilb_6_1	Alps (Switzerland)	97.27	98.55	677	ND	2078	200	81	207	3171	2243	521	ND	5.566E-05	3.8259E-07	0.99994396	Rt
SAB-04-S326_Ilb_6_2	Alps (Switzerland)	97.75	98.83	642	ND	2085	98	96	147	1787	2243	473	ND	8.2856E-05	4.1158E-07	0.99991673	Rt
SAB-04-S326_Ilb_6_3	Alps (Switzerland)	97.14	98.18	663	ND	2077	148	81	137	1461	2258	469	ND	0.00010757	6.2169E-07	0.99989181	Rt
SAB-04-S326_Ilb_7_1	Alps (Switzerland)	95.73	98.61	10346	ND	497	208	99	124	7783	1367	466	ND	0.00216177	0.00010035	0.99773788	Rt
SAB-04-S326_Ilb_7_2	Alps (Switzerland)	96.25	98.99	9801	ND	530	96	94	97	7484	1383	394	ND	0.00188948	0.00010128	0.99800925	Rt
SAB-04-S326_Ilb_7_3	Alps (Switzerland)	95.71	98.56	10206	ND	510	147	113	15	7867	1389	469	ND	0.00191366	7.6621E-05	0.99800972	Rt
SAB-04-S326_Ilb_8_1	Alps (Switzerland)	97.97	98.8	572	ND	859	83	47	24	2153	1855	439	ND	0.0003046	6.8634E-06	0.99968854	Rt
SAB-04-S326_Ilb_10_1	Alps (Switzerland)	96.53	97.45	1335	ND	537	169	104	39	2166	1794	482	ND	0.00082055	1.6011E-05	0.99916344	Rt
SAB-04-S326_Ilb_10_2	Alps (Switzerland)	97.27	98.18	1253	ND	489	293	118	38	1977	1837	489	ND	0.00087119	1.6193E-05	0.99911262	Rt
SAB-04-S326_Ilb_10_3	Alps (Switzerland)	97.69	98.59	1180	ND	495	409	126	25	1907	1846	495	ND	0.00082524	1.3534E-05	0.99916123	Rt
SAB-04-S326_Ilb_11_1	Alps (Switzerland)	99.82	100.74	593	ND	1437	1580	25	108	1950	604	502	ND	0.00184989	3.19E-06	0.99814692	Rt
SAB-04-S326_Ilb_11_2	Alps (Switzerland)	99.31	100.25	596	ND	1487	1619	16	83	1851	731	490	ND	0.00154718	6.4201E-06	0.9984464	Rt
SAB-04-S326_Ilb_11_3	Alps (Switzerland)	98.31	99.23	534	ND	1472	1450	44	101	1915	758	495	ND	0.0009211	1.3313E-06	0.99907757	Rt
SAB-04-S326_Ilb_12	Alps (Switzerland)	97.18	97.78	470	ND	329	67	52	78	1744	1233	354	ND	0.00175211	4.7646E-05	0.99820024	Rt
SAB-04-S326_Ilb_13	Alps (Switzerland)	97.51	98.56	1557	ND	1370	16	ND	ND	379	2786	1290	ND	0.00510818	0.00279533	0.9920965	Rt
SAB-04-S326_Ilb_14	Alps (Switzerland)	98.24	98.96	733	ND	283	73	34	47	1256	2231	428	ND	0.00169914	0.00028384	0.99801702	Rt
SAB-04-S326_Ilb_1	Alps (Switzerland)	98.98	100.08	2029	ND	972	902	325	57	1319	1844	422	27	0.00056422	1.8755E-06	0.9994339	Rt
SAB-04-S326_Ilb_3	Alps (Switzerland)	98.81	99.54	448	ND	649	303	38	85	2830	513	530	ND	0.00303752	5.7572E-06	0.99695673	Rt
SAB-04-S326_Ilb_4	Alps (Switzerland)	96.74	97.74	1203	ND	1240	25	65	16	620	3270	442	46	0.00036992	1.1143E-05	0.99961894	Rt
SAB-04-S326_Ilb_5	Alps (Switzerland)	98.95	99.51	90	ND	947	75	18	36	1661	844	363	13	0.0004464	2.3692E-06	0.99955123	Rt
SAB-04-S326_Ilb_6	Alps (Switzerland)	96.58	98.34	3956	ND	1613	56	ND	146	5932	655	498	ND	0.00658525	0.00129557	0.99211919	Rt
SAB-04-S326_Ilb_7	Alps (Switzerland)	98.36	98.93	275	ND	476	346	44	24	1785	824	452	ND	0.00176026	9.6078E-06	0.99823013	Rt
SAB-04-S326_Ilb_8	Alps (Switzerland)	98.45	99.35	1892	ND	463	ND	194	530	1991	903	387	ND	0.00349345	1.2525E-05	0.99649403	Rt
SAB-04-S326_Ilb_9	Alps (Switzerland)	98.09	99.35	3122	ND	755	760	318	3	1840	1844	443	ND	0.00078582	4.6103E-06	0.99920957	Rt
SAB-04-S326_Ilb_10	Alps (Switzerland)	98.52	99.73	2786	ND	809	549	150	26	2424	1540	416	ND	0.00090486	8.4328E-06	0.99908671	Rt
SAB-04-S326_Ilb_12	Alps (Switzerland)	98.36	99.04	584	ND	676	86	ND	71	1375	1722	331	26	0.0024398	0.00475882	0.99280138	Rt
SAB-04-S326_Ilb_13	Alps (Switzerland)	99.33	100.3	818	ND	112	2193	15	75	2644	976	427	ND	0.01505115	0.00407947	0.98086938	Rt
SAB-04-S326_Ilb_14	Alps (Switzerland)	99.93	101.02	2670	ND	194	362	72	178	3185	821	451	ND	0.01368051	0.00038383	0.98593566	Rt
SAB-04-S326_Ilb_15	Alps (Switzerland)	98.96	99.99	1257	ND	1349	488	180	ND	1300	2276	490	7	0.00024194	1.1692E-06	0.99975689	Rt
SAB-04-S326_Ilb_16	Alps (Switzerland)	99.34	99.82	504	ND	389	61	21	57	1251	704	460	ND	0.00840709	0.00010091	0.991492	Rt
SAB-04-S326_Ilb_17	Alps (Switzerland)	97.97	98.69	935	ND	500	262	55	71	2148	862	366	5	0.00287115	2.7716E-05	0.99710113	Rt
SAB-04-S326_Ilb_18	Alps (Switzerland)	97.38	99.59	7810	ND	779	224	139	400	4323	1498	526	65	0.0014216	2.0744E-05	0.99855766	Rt
SAB-04-S327_Ilb_3_1	Alps (Switzerland)	98.36	99.22	1376	ND	478	776	614	65	1921	990	55	ND	0.00082488	6.4936E-06	0.99916863	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S327_Ilb_3_2	Alps (Switzerland)	97.79	98.6	1399	ND	545	629	627	59	1804	868	43	ND	0.00088547	5.5257E-06	0.99910901	Rt
SAB-04-S327_Ilb_5_2	Alps (Switzerland)	96.55	97.88	670	ND	910	94	21	ND	7348	873	143	ND	0.00036421	1.8679E-05	0.99961711	Rt
SAB-04-S327_Ilb_5_3	Alps (Switzerland)	96.43	97.5	445	ND	911	309	18	ND	5210	960	125	ND	0.00031139	2.0032E-05	0.99966858	Rt
SAB-04-S327_Ilb_7_3	Alps (Switzerland)	97.68	98.43	1376	ND	390	191	124	78	1605	1500	81	18	0.00115658	0.00010485	0.99873856	Rt
SAB-04-S327_Ilb_8_1	Alps (Switzerland)	96.32	97.35	2589	ND	317	110	107	49	3258	890	129	ND	0.00381869	0.00016891	0.99601239	Rt
SAB-04-S327_Ilb_8_2	Alps (Switzerland)	96.95	97.92	2345	ND	283	47	134	60	3279	791	143	ND	0.00471147	0.00012435	0.99516418	Rt
SAB-04-S327_Ilb_8_3	Alps (Switzerland)	97.51	98.44	2268	ND	398	32	37	68	3113	749	106	ND	0.00513666	0.00043186	0.99443148	Rt
SAB-04-S327_Ilb_9_2	Alps (Switzerland)	97.36	98.68	2939	ND	454	1577	205	121	3083	1083	190	ND	0.00188548	2.8536E-05	0.99808599	Rt
SAB-04-S327_Ilb_9_3	Alps (Switzerland)	95.95	97.66	4445	ND	520	2016	127	169	3959	1166	75	ND	0.00135347	0.00011735	0.99852917	Rt
SAB-04-S327_Ilb_10_1	Alps (Switzerland)	97.5	98.45	2282	ND	502	408	200	86	2276	988	181	ND	0.00214711	2.0532E-05	0.99783236	Rt
SAB-04-S327_Ilb_10_2	Alps (Switzerland)	97.1	97.88	1525	ND	451	356	254	54	2022	924	70	ND	0.00151161	2.375E-05	0.99846464	Rt
SAB-04-S327_Ilb_11_1	Alps (Switzerland)	96.91	98.2	3351	ND	300	57	32	45	4919	644	126	ND	0.00905113	0.00103289	0.98991598	Rt
SAB-04-S327_Ilb_11_2	Alps (Switzerland)	97.03	98.88	5435	ND	244	724	86	61	6222	657	161	ND	0.00986843	0.00052369	0.98960788	Rt
SAB-04-S327_Ilb_11_3	Alps (Switzerland)	95.71	98	6509	ND	898	1837	88	48	6582	648	227	ND	0.00283337	2.3313E-05	0.99714332	Rt
SAB-04-S327_Ilb_12	Alps (Switzerland)	96.85	98.16	3093	ND	657	136	158	103	4016	1215	150	ND	0.00083606	2.0145E-05	0.99914379	Rt
SAB-04-S327_Ilb_13	Alps (Switzerland)	97.53	98.56	3166	ND	277	33	75	127	2623	1054	90	ND	0.00472576	0.00076308	0.99451117	Rt
SAB-04-S327_Ilb_14	Alps (Switzerland)	97.42	98.44	1847	ND	543	590	384	61	3167	740	166	ND	0.00159363	4.0785E-06	0.9984023	Rt
SAB-04-S327_Ilb_1	Alps (Switzerland)	97.47	98.06	1130	ND	465	52	206	42	1620	702	52	ND	0.00227013	2.6145E-05	0.99770373	Rt
SAB-04-S327_Ilb_2	Alps (Switzerland)	96.92	97.81	2108	ND	330	46	83	213	2280	1009	93	124	0.0034102	0.00028387	0.99630594	Rt
SAB-04-S327_Ilb_3	Alps (Switzerland)	96.69	97.77	967	ND	556	1041	142	ND	4668	574	150	ND	0.00141465	5.9058E-06	0.99857944	Rt
SAB-04-S327_Ilb_4	Alps (Switzerland)	96.49	97.19	1114	ND	1075	140	156	21	1570	963	41	ND	0.00052209	7.6425E-06	0.99947027	Rt
SAB-04-S327_Ilb_5	Alps (Switzerland)	99.02	99.83	2124	ND	410	82	168	17	2043	855	113	20	0.00332907	5.4021E-05	0.99661691	Rt
SAB-04-S327_Ilb_6	Alps (Switzerland)	97.75	98.47	1096	ND	653	311	151	67	1752	939	200	29	0.00144258	7.5024E-06	0.99854992	Rt
SAB-04-S327_Ilb_8	Alps (Switzerland)	98.97	99.8	1573	ND	308	178	87	38	3501	398	55	ND	0.00857284	0.00016823	0.99125893	Rt
SAB-04-S327_Ilb_9	Alps (Switzerland)	99.15	99.8	1455	ND	453	174	78	60	1778	673	73	6	0.00439109	0.00011064	0.99549827	Rt
SAB-04-S327_Ilb_10	Alps (Switzerland)	99.49	100.19	909	ND	692	269	93	ND	579	2281	150	ND	0.00072513	3.5413E-05	0.99923945	Rt
SAB-04-S327_Ilb_11	Alps (Switzerland)	100.46	101.54	1262	ND	222	726	73	ND	5902	ND	75	4	0.99700774	4.8394E-08	0.00299221	Ant
SAB-04-S327_Ilb_12	Alps (Switzerland)	99.62	100.45	657	ND	204	246	23	ND	4787	360	61	ND	0.01020707	0.00079934	0.98899359	Rt
SAB-04-S327_Ilb_13	Alps (Switzerland)	97.94	98.86	115	ND	1167	1354	61	28	3538	586	35	ND	0.000124	9.9091E-07	0.999875	Rt
SAB-04-S327_Ilb_14	Alps (Switzerland)	100.18	101.17	1762	ND	319	832	119	20	4180	46	96	ND	0.27983901	1.961E-05	0.72014138	Rt
SAB-04-S327_Ilb_15	Alps (Switzerland)	98.98	99.69	1655	60	419	63	76	68	2122	559	87	23	0.0066683	0.00011778	0.99321391	Rt
SAB-04-S327_Ilb_16	Alps (Switzerland)	99.1	99.83	1711	ND	369	ND	103	82	1956	931	46	20	0.00251821	0.00021856	0.99726323	Rt
SAB-04-S327_Ilb_17	Alps (Switzerland)	98.48	99.43	182	ND	1162	1421	65	31	3569	627	52	ND	0.00017358	1.2072E-06	0.99982521	Rt
SAB-04-S327_Ilb_1_1	Alps (Switzerland)	95.59	96.54	829	ND	315	531	112	20	4785	553	17	ND	0.00133719	0.00011815	0.99854466	Rt
SAB-04-S327_Ilb_1_2	Alps (Switzerland)	94.8	96.87	5164	ND	418	681	118	20	7858	689	126	172	0.00318378	9.6689E-05	0.99671953	Rt
SAB-04-S327_Ilb_1_3	Alps (Switzerland)	95.27	97.15	4581	ND	430	535	158	ND	7465	674	130	ND	0.0027993	5.154E-05	0.99714916	Rt
SAB-04-S327_Ilb_2_1	Alps (Switzerland)	96.51	97.36	2117	ND	432	222	111	30	1809	1334	61	ND	0.00150247	0.00017464	0.9983229	Rt
SAB-04-S327_Ilb_2_2	Alps (Switzerland)	95.85	96.77	2231	ND	536	87	119	68	1901	1529	90	ND	0.00101695	7.9829E-05	0.99890322	Rt
SAB-04-S327_Ilb_2_3	Alps (Switzerland)	95.69	96.64	2463	ND	547	106	124	65	1840	1550	115	ND	0.00115153	6.9316E-05	0.99877916	Rt
SAB-04-S327_Ilb_6_1	Alps (Switzerland)	96.75	97.49	314	ND	1267	156	23	ND	2319	1156	87	ND	0.00020397	9.6017E-06	0.99978643	Rt
SAB-04-S327_Ilb_6_2	Alps (Switzerland)	96.51	97.39	531	ND	1376	79	27	ND	3085	1198	64	ND	0.00017175	1.2535E-05	0.99981571	Rt
SAB-04-S327_Ilb_6_3	Alps (Switzerland)	96.68	97.5	487	ND	1420	116	34	4	2613	1168	64	ND	0.00017469	8.1959E-06	0.99981711	Rt
SAB-04-S328_Ilb_NM_1_1	Alps (Switzerland)	97.61	99.37	5362	ND	551	236	340	147	4627	1235	207	ND	0.00112749	1.4107E-05	0.9988584	Rt
SAB-04-S328_Ilb_NM_1_2	Alps (Switzerland)	96.71	98.38	5490	ND	565	240	276	149	3719	1347	212	ND	0.00126919	2.1304E-05	0.9987095	Rt
SAB-04-S328_Ilb_NM_1_3	Alps (Switzerland)	97.42	98.6	3086	ND	482	269	243	121	2863	1300	146	ND	0.00122545	2.8016E-05	0.99874653	Rt
SAB-04-S328_Ilb_NM_2_1	Alps (Switzerland)	96.65	97.84	1120	ND	231	643	78	ND	6211	694	55	ND	0.00207574	0.00023987	0.99768439	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S328_Ilb_NM_2_2	Alps (Switzerland)	96.73	98.39	2215	ND	669	79	137	ND	8528	700	147	ND	0.00087806	8.4419E-06	0.9991135	Rt
SAB-04-S328_Ilb_NM_2_3	Alps (Switzerland)	95.87	98.05	2301	ND	463	1536	216	ND	11116	763	213	ND	0.00088309	7.3818E-06	0.99910953	Rt
SAB-04-S328_Ilb_NM_3_1	Alps (Switzerland)	98.89	99.71	1481	ND	316	181	177	46	2707	928	111	ND	0.00219789	5.3963E-05	0.99774815	Rt
SAB-04-S328_Ilb_NM_4_1	Alps (Switzerland)	97.21	98.42	2475	ND	1063	344	136	79	3006	1502	155	ND	0.00039072	7.968E-06	0.99960131	Rt
SAB-04-S328_Ilb_NM_4_2	Alps (Switzerland)	97.92	99.02	1950	ND	964	269	150	68	2693	1639	130	ND	0.00031409	8.2158E-06	0.99967769	Rt
SAB-04-S328_Ilb_NM_4_3	Alps (Switzerland)	97.79	98.94	2459	ND	1025	266	161	86	2805	1347	144	ND	0.00048299	7.0453E-06	0.99950996	Rt
SAB-04-S328_Ilb_NM_5_1	Alps (Switzerland)	96.66	97.91	2772	ND	564	190	112	133	3912	1340	113	ND	0.00080779	5.3667E-05	0.99913854	Rt
SAB-04-S328_Ilb_NM_5_3	Alps (Switzerland)	96.46	97.62	2245	ND	555	230	103	99	3805	1279	94	ND	0.0007562	5.5742E-05	0.99918805	Rt
SAB-04-S328_Ilb_NM_7_1	Alps (Switzerland)	96.61	97.65	1267	ND	505	161	25	35	4698	898	76	ND	0.0012777	0.00024288	0.99847942	Rt
SAB-04-S328_Ilb_NM_7_2	Alps (Switzerland)	96.29	97.74	1181	ND	203	2488	52	53	5849	1017	196	ND	0.00232411	0.00030505	0.99737084	Rt
SAB-04-S328_Ilb_NM_7_3	Alps (Switzerland)	94.88	97.81	2166	ND	173	9436	28	82	9159	1249	196	ND	0.00251547	0.00186196	0.99562257	Rt
SAB-04-S328_Ilb_NM_8_1	Alps (Switzerland)	96.74	97.94	2506	ND	1451	220	153	92	2996	1118	126	ND	0.00042343	3.3917E-06	0.99957318	Rt
SAB-04-S328_Ilb_NM_8_2	Alps (Switzerland)	97	98.12	2231	ND	1402	204	126	62	2845	1070	131	ND	0.00049476	4.1663E-06	0.99950107	Rt
SAB-04-S328_Ilb_NM_8_3	Alps (Switzerland)	96.55	98.6	6674	ND	1332	224	177	151	4587	1407	121	ND	0.00041603	9.4393E-06	0.99957453	Rt
SAB-04-S328_Ilb_NM_9_1	Alps (Switzerland)	98.91	99.91	1060	ND	48	2270	68	187	3280	573	29	40	0.0243633	0.020608	0.9550287	Rt
SAB-04-S328_Ilb_NM_9_2	Alps (Switzerland)	98.16	99.33	2059	ND	12	1496	67	263	4302	322	64	92	0.28352455	0.22295465	0.4935208	Rt
SAB-04-S328_Ilb_NM_9_3	Alps (Switzerland)	97.97	99.15	2484	ND	ND	1479	96	107	4219	409	49	ND	0.03938592	0.95392978	0.0066843	Brk
SAB-04-S328_Ilb_NM_13_1	Alps (Switzerland)	98.54	99.33	317	ND	51	308	ND	ND	4454	786	67	ND	0.01095851	0.51155951	0.47748197	Brk
SAB-04-S328_Ilb_NM_13_2	Alps (Switzerland)	101.18	101.96	233	ND	69	217	11	ND	4665	591	82	ND	0.00931293	0.00857557	0.9821115	Rt
SAB-04-S328_Ilb_NM_13_3	Alps (Switzerland)	100.44	101.19	384	ND	60	347	31	ND	4095	592	159	ND	0.01556303	0.00320053	0.98123644	Rt
SAB-04-S328_Ilb_NM_14_1	Alps (Switzerland)	98.86	100.08	3448	ND	1831	38	3	42	1768	1419	73	ND	0.00146422	0.00182137	0.99671441	Rt
SAB-04-S328_Ilb_NM_14_2	Alps (Switzerland)	99.33	100.58	3479	ND	2013	ND	33	62	1967	1176	127	ND	0.00087158	2.735E-05	0.99910107	Rt
SAB-04-S328_Ilb_NM_14_3	Alps (Switzerland)	99.91	101.02	2858	ND	1504	ND	13	109	1967	1223	101	55	0.00124608	0.00019563	0.99855829	Rt
SAB-04-S328_Ilb_NM_5	Alps (Switzerland)	97.55	98.47	1995	ND	411	100	86	45	2932	1056	79	ND	0.00174738	0.00015181	0.99810081	Rt
SAB-04-S328_Ilb_M_2_1	Alps (Switzerland)	99.99	101.28	2697	ND	492	54	183	ND	5828	208	156	ND	0.01629723	9.828E-06	0.98369294	Rt
SAB-04-S328_Ilb_M_2_2	Alps (Switzerland)	100.75	101.89	1775	ND	485	43	121	ND	5861	206	76	ND	0.01116723	1.8833E-05	0.98881394	Rt
SAB-04-S328_Ilb_M_2_3	Alps (Switzerland)	100.1	101.42	2940	ND	515	49	150	ND	5872	199	122	ND	0.01757484	1.5138E-05	0.98241002	Rt
SAB-04-S328_Ilb_M_8_1	Alps (Switzerland)	98.9	99.78	1006	ND	896	291	37	ND	3410	803	79	ND	0.00081381	3.0998E-05	0.99915519	Rt
SAB-04-S328_Ilb_M_8_2	Alps (Switzerland)	99.66	100.54	1008	ND	538	293	67	ND	3712	820	88	ND	0.00108574	3.8294E-05	0.99887596	Rt
SAB-04-S328_Ilb_M_8_3	Alps (Switzerland)	99.31	100.22	993	ND	929	279	35	10	3593	794	76	ND	0.00075696	3.0228E-05	0.99921282	Rt
SAB-04-S328_Ilb_NM_2	Alps (Switzerland)	100.43	101.34	2041	ND	341	138	122	33	3080	763	114	19	0.00372619	9.4272E-05	0.99617954	Rt
SAB-04-S328_Ilb_NM_3	Alps (Switzerland)	97.17	98.34	2577	ND	15	75	605	94	2381	1838	900	ND	0.04269579	0.00629014	0.95101407	Rt
SAB-04-S328_Ilb_NM_4	Alps (Switzerland)	98.27	99.18	1457	ND	453	248	135	9	3673	722	38	ND	0.00132468	5.5212E-05	0.9986201	Rt
SAB-04-S328_Ilb_NM_5	Alps (Switzerland)	98.31	99.41	2192	ND	275	761	38	89	2403	2032	154	22	0.00182357	0.00128491	0.99689152	Rt
SAB-04-S328_Ilb_NM_7	Alps (Switzerland)	99.88	100.84	1623	ND	262	749	181	ND	3976	342	58	ND	0.00966244	7.4039E-05	0.99026352	Rt
SAB-04-S328_Ilb_NM_8	Alps (Switzerland)	101.02	101.9	1681	ND	339	94	195	107	3130	734	135	ND	0.00305962	3.3502E-05	0.99690688	Rt
SAB-04-S328_Ilb_NM_10	Alps (Switzerland)	97.88	99.29	2268	ND	684	50	67	15	4596	1661	985	ND	0.00078749	1.2259E-05	0.99920025	Rt
SAB-04-S328_Ilb_NM_11	Alps (Switzerland)	100.57	101.34	1498	ND	1433	ND	73	11	681	1684	6	ND	0.00026619	0.00013207	0.99960174	Rt
SAB-04-S328_Ilb_NM_12	Alps (Switzerland)	100.66	101.12	278	ND	292	69	14	ND	1559	1061	96	ND	0.00200779	0.00056867	0.99742354	Rt
SAB-04-S328_Ilb_NM_14	Alps (Switzerland)	99.62	101.23	5054	ND	1014	389	108	115	3288	1511	35	17	0.00043568	7.8415E-05	0.9994859	Rt
SAB-04-S328_Ilb_NM_20	Alps (Switzerland)	98.2	99.15	2079	ND	900	277	161	50	1353	1791	96	7	0.00051043	1.7719E-05	0.99947185	Rt
SAB-04-S328_Ilb_NM_21	Alps (Switzerland)	99.67	101.1	3632	ND	27	285	381	39	5527	540	23	78	0.04114282	0.02308824	0.93576894	Rt
SAB-04-S328_Ilb_NM_25	Alps (Switzerland)	99.79	101.05	3692	ND	546	193	96	154	2462	1630	249	ND	0.00154339	8.1021E-05	0.99837559	Rt
SAB-04-S328_Ilb_NM_26	Alps (Switzerland)	100.71	101.43	1193	ND	957	77	80	56	1730	1031	52	ND	0.00069203	2.3386E-05	0.99928459	Rt
SAB-04-S328_Ilb_NM_28	Alps (Switzerland)	98.3	98.95	1430	ND	488	311	170	52	1691	543	52	ND	0.00418138	3.5407E-05	0.99578321	Rt
SAB-04-S328_Ilb_M_49_1	Alps (Switzerland)	99.42	100.7	1504	ND	546	1879	1749	41	3513	387	43	ND	0.00148542	6.6313E-07	0.99851392	Rt

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Analysis label	Locality	TiO ₂ [mass-%]	Total (Oxides) [mass-%]	Nb [ppm]	Mg [ppm]	Cr [ppm]	W [ppm]	Sn [ppm]	Al [ppm]	Fe [ppm]	V [ppm]	Zr [ppm]	Si [ppm]	Posterior probabilities			largest probability
														Ant	Brk	Rt	
SAB-04-S328_Ilb_M_49_2	Alps (Switzerland)	99.49	100.62	1470	ND	555	1231	1719	14	3152	340	46	ND	0.00205192	6.0977E-07	0.99794747	Rt
SAB-04-S328_Ilb_M_49_3	Alps (Switzerland)	98.99	100.1	1650	ND	443	1308	1226	23	3282	390	43	ND	0.00240017	2.083E-06	0.99759775	Rt
SAB-04-S328_Ilb_M_59_1	Alps (Switzerland)	100.58	101.4	699	ND	166	106	32	ND	4641	452	146	8	0.01094594	0.00051884	0.98853522	Rt
SAB-04-S328_Ilb_M_59_2	Alps (Switzerland)	99.71	100.6	840	ND	154	59	1	ND	4958	493	229	21	0.03847616	0.07388851	0.88763534	Rt
SAB-04-S328_Ilb_M_59_3	Alps (Switzerland)	98.36	99.36	730	ND	192	78	46	133	5013	439	150	454	0.00839579	0.00021495	0.99138926	Rt
SYR-04-01_Ilb_1_1	Syros (Greece)	99.66	100.45	1428	ND	983	99	52	ND	2309	814	20	ND	0.00076692	7.654E-05	0.99915654	Rt
SYR-04-01_Ilb_1_2	Syros (Greece)	99.86	100.64	1370	ND	1101	102	68	ND	2181	803	26	ND	0.0007001	3.2445E-05	0.99926745	Rt
SYR-04-01_Ilb_1_3	Syros (Greece)	99.15	99.96	1254	ND	1477	58	106	ND	2082	766	41	ND	0.00052933	5.685E-06	0.99946499	Rt
SYR-04-01_Ilb_2_1	Syros (Greece)	99.93	100.82	35	ND	35	ND	17	ND	4537	1921	50	ND	0.00042996	0.00585462	0.99371542	Rt
SYR-04-01_Ilb_3_1	Syros (Greece)	96.59	97.88	2586	ND	2924	291	105	ND	1824	1455	9	ND	9.4693E-05	1.1553E-05	0.99989375	Rt
SYR-04-01_Ilb_3_2	Syros (Greece)	97	98.21	2489	ND	2438	104	93	ND	1901	1509	38	ND	0.00016923	7.1435E-06	0.99982363	Rt
SYR-04-01_Ilb_3_3	Syros (Greece)	96.55	97.77	2482	ND	2356	128	96	ND	2003	1531	52	ND	0.00017834	5.7569E-06	0.9998159	Rt
SYR-04-01_Ilb_4_1	Syros (Greece)	97.81	98.77	1993	ND	888	26	87	15	2283	1519	30	9	0.00035202	6.7279E-05	0.9995807	Rt
SYR-04-01_Ilb_5_1	Syros (Greece)	97.27	98.41	2261	ND	2491	287	79	1	1712	1234	44	ND	0.00026867	6.7276E-06	0.9997246	Rt
SYR-04-01_Ilb_5_2	Syros (Greece)	97.34	98.54	2287	54	2534	32	89	121	2108	1206	41	1	0.00021403	5.1176E-06	0.99978085	Rt
SYR-04-01_Ilb_5_3	Syros (Greece)	97	98.04	1752	ND	2629	13	106	7	1689	1156	35	ND	0.00019801	3.3257E-06	0.99979866	Rt
SYR-04-01_Ilb_6_1	Syros (Greece)	97.26	98.36	1837	ND	2730	122	116	ND	1566	1355	29	ND	0.00014503	3.6127E-06	0.99985136	Rt
SYR-04-01_Ilb_6_3	Syros (Greece)	97.09	98.26	1894	ND	2963	163	95	ND	1615	1490	47	ND	0.0001392	3.0017E-06	0.9998578	Rt
SYR-04-01_Ilb_7_1	Syros (Greece)	97.06	98.11	2063	ND	1507	232	58	2	2019	1552	26	ND	0.00023621	4.4233E-05	0.99971955	Rt
SYR-04-01_Ilb_7_2	Syros (Greece)	97.04	98.05	1967	ND	1264	126	88	2	2271	1527	38	ND	0.00025049	2.4464E-05	0.99972505	Rt
SYR-04-01_Ilb_7_3	Syros (Greece)	97.28	98.53	2416	ND	1693	855	61	1	2344	1553	47	ND	0.00024214	2.283E-05	0.99973503	Rt
SYR-04-01_Ilb_8_1	Syros (Greece)	97.18	98.26	1978	ND	2132	338	84	ND	1670	1445	35	ND	0.00020272	9.6473E-06	0.99978763	Rt
SYR-04-01_Ilb_8_2	Syros (Greece)	96.51	97.69	1999	ND	2129	521	86	42	2016	1550	50	5	0.00016878	6.8231E-06	0.9998244	Rt
SYR-04-01_Ilb_8_3	Syros (Greece)	97.33	98.4	1979	ND	2102	65	75	ND	1803	1515	41	ND	0.00019312	1.0266E-05	0.99979662	Rt
SYR-04-01_Ilb_9_1	Syros (Greece)	97.82	98.84	1636	ND	1147	377	78	53	3007	1109	35	ND	0.00033562	2.3205E-05	0.99964117	Rt
SYR-04-01_Ilb_9_2	Syros (Greece)	97.86	98.72	1314	ND	861	77	62	75	2739	1043	23	ND	0.00045066	6.715E-05	0.99948219	Rt
SYR-04-01_Ilb_9_3	Syros (Greece)	97.38	98.38	1652	ND	796	47	58	239	3190	1113	26	2	0.00048358	0.0001003	0.99941612	Rt
SYR-04-01_Ilb_10_1	Syros (Greece)	99.52	100.18	143	ND	137	ND	18	ND	3964	662	38	ND	0.00186655	0.00098344	0.99715002	Rt
SYR-04-01_Ilb_10_2	Syros (Greece)	98.46	99.14	136	ND	172	ND	17	ND	4036	716	82	ND	0.00155552	0.0003529	0.99809158	Rt
SYR-04-01_Ilb_10_3	Syros (Greece)	97.81	98.45	124	ND	164	ND	33	6	3697	736	94	ND	0.0013099	0.00013112	0.99855898	Rt
SYR-04-01_Ilb_11	Syros (Greece)	98.08	99.25	1567	143	1264	2	30	695	3098	1126	32	176	0.00037333	7.3752E-05	0.99955291	Rt
SYR-04-01_Ilb_12	Syros (Greece)	100.69	101.29	73	ND	283	16	13	ND	2545	1308	166	16	0.00039706	8.0738E-05	0.9995222	Rt
SYR-04-01_Ilb_13	Syros (Greece)	97.47	99.33	94	ND	57	ND	ND	ND	12204	1838	9	ND	0.00021071	0.4076248	0.59216449	Rt
SYR-04-01_Ilb_14	Syros (Greece)	97.58	98.56	1750	162	1182	124	71	139	1719	1557	38	79	0.00033289	3.9991E-05	0.99962712	Rt
SYR-04-01_Ilb_15	Syros (Greece)	97.53	98.37	5	ND	6	11	ND	ND	4979	1319	26	ND	0.0007335	0.73244599	0.26682051	Brk
SYR-04-01_Ilb_16	Syros (Greece)	98.37	99.33	1337	ND	1867	60	58	32	2692	861	ND	ND	0.00010127	0.00010877	0.99978995	Rt
SYR-04-01_Ilb_17	Syros (Greece)	98.84	99.8	1558	ND	1746	79	54	6	2484	1011	3	ND	0.00014549	8.6397E-05	0.99976811	Rt
SYR-04-01_Ilb_18	Syros (Greece)	97.99	98.96	1477	ND	889	ND	61	23	3279	1281	26	ND	0.00029186	6.634E-05	0.9996418	Rt
SYR-04-01_Ilb_19	Syros (Greece)	100.88	101.68	71	ND	ND	5	ND	ND	4868	1020	79	ND	0.00023532	0.999133	0.00063169	Brk
SYR-04-01_Ilb_20	Syros (Greece)	97.94	98.9	129	ND	9	ND	9	6	5694	1368	26	ND	0.00282707	0.65317365	0.34399928	Brk
SYR-04-01_Ilb_21	Syros (Greece)	95.48	97.57	1750	92	2622	63	35	391	8625	1441	41	123	4.5568E-05	6.5549E-06	0.99994788	Rt
SYR-04-01_Ilb_22	Syros (Greece)	98.12	99.06	2039	ND	959	ND	41	ND	2269	1438	47	ND	0.0005476	0.00012181	0.99933059	Rt
SYR-04-01_Ilb_23	Syros (Greece)	97.99	99.05	1832	ND	1737	339	96	ND	2160	1444	23	ND	0.00015813	1.3653E-05	0.99982822	Rt
SYR-04-01_Ilb_24	Syros (Greece)	98.27	99.18	401	ND	659	506	6	ND	4139	988	61	ND	0.00056627	0.00035052	0.9990832	Rt
SYR-04-01_Ilb_25	Syros (Greece)	97.13	98.22	2277	ND	1428	ND	43	ND	2344	1645	29	ND	0.00024438	7.5589E-05	0.99968003	Rt
SYR-04-01_Ilb_26	Syros (Greece)	97.23	98.14	1435	ND	988	220	123	82	2588	1120	20	ND	0.00028861	2.3704E-05	0.99968768	Rt

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Analysis label	Locality	TiO ₂	Total (Oxides)	Nb	Mg	Cr	W	Sn	Al	Fe	V	Zr	Si	Posterior probabilities			largest probability
		[mass-%]	[mass-%]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	[ppm]	Ant	Brk	Rt	
SYR-04-01_Ilb_27	Syros (Greece)	99.14	100.16	1687	ND	1513	155	92	46	2862	1011	41	ND	0.00030857	8.813E-06	0.99968262	Rt
SYR-04-01_Ilb_28	Syros (Greece)	99.41	100.27	1177	ND	1972	114	61	ND	1949	840	35	ND	0.00037806	7.2505E-06	0.99961469	Rt
SYR-04-01_Ilb_29	Syros (Greece)	97.62	98.57	1537	ND	1154	ND	65	47	2834	1149	20	ND	0.00028014	4.3236E-05	0.99967663	Rt
SYR-04-01_Ilb_30	Syros (Greece)	97.36	98.46	1441	168	1440	36	89	316	2514	1559	32	73	0.0001405	1.3337E-05	0.99984617	Rt

Analyses are labelled sample(_internal label)(_crystal)(_analysis no.).

ND = not detected, NA = not analysed.

Rt = rutile, Ant = anatase, Brk = brookite.

References

Triebold S, von Eynatten H, Luvizotto GL, Zack T (2007) Deducing source rock lithology from detrital rutile geochemistry: An example from the Erzgebirge, Germany. *Chemical Geology* 244(3-4):421–436