

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Tol	SnO2	TiO2	SiO2	Fe2O3	Mn2O3	Cr2O3	Al2O3	BaO	ZnO
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	2	0	0.373	48.791	0.845	0	0.123	34.764	0.242	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	2	0	0.411	46.23	0.1146	0	0.106	35.872	0.362	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	2	0	0.39	47.737	0	0	0.064	34.984	0.336	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	2	0	0.298	48.669	0	0	0.129	34.319	0.264	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	2	0	0.338	46.686	0.1523	0	0.088	36.11	0.218	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	2	0	0.292	48.457	0.9623	0	0.088	35.111	0.134	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	2	0	0.322	47.89	1.3303	0	0.095	33.61	0.223	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	2	0	0.376	47.954	0.3638	0	0.116	32.982	0.308	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	2	0	0.443	47.852	0.2005	0	0.133	34.211	0.178	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	2	0	0.349	47.463	0.1253	0	0.093	35.233	0.211	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	2	0	0.424	46.808	0.1931	0	0.138	35.557	0.378	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	2	0	0.272	47.088	0.236	0	0.151	33.879	0.171	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	2	0.033	0.421	46.372	1.0013	0.0278	0.167	33.812	0.39	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	2	0	0.132	48.687	0.5089	0	0.083	34.045	0.165	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	2	0	0.399	47.645	0.1651	0	0.162	34.394	0.29	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	2	0	0.29	46.46	0.404	0	0.107	34.515	0.422	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	2	0	0.362	46.372	0.175	0	0.11	36.107	0.289	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	2	0	0.362	50.237	0	0	0.13	31.997	0.219	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	2	0	0.27	46.687	0.248	0	0.056	34.719	0.156	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	2	0.011	0.384	49.86	1.1017	0	0.067	33.673	0.25	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	2	0	0.328	48.14	0.3195	0	0.092	33.559	0.265	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	2	0	0.311	47.487	0.3254	0	0.074	34.793	0.249	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	2	0	0.296	47.547	0	0	0.061	35.875	0.292	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	2	0	0.499	48.614	0	0	0.084	33.44	0.208	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	2	0	0.419	48.506	0	0	0.116	34.33	0.234	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	2	0	1.39	33.83	7.4525	0	0.113	19.592	0.029	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	2	0	0.357	49.687	1.0483	0	0.067	33.457	0.259	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	2	0	0.307	50.295	1.0754	0	0.1	32.187	0.246	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	2	0	0.32	48.839	1.1227	0	0.111	33.202	0.297	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	2	0	0.358	49.339	1.1059	0	0.036	33.026	0.277	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	2	0	0.604	50.125	1.5281	0.0389	0.088	31.267	0.219	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	2	0	0.443	48.353	0.3333	0	0.062	33.365	0.161	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	2	0.045	0.257	48.885	0.9449	0	0.052	34.621	0.18	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	2	0	0.258	48.391	0	0	0.016	34.085	0.137	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	2	0	0.268	48.933	0	0	0.062	33.569	0.237	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	2	0	0.32	48.613	0	0	0.066	33.396	0.205	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	2	0	0.189	48.813	0	0	0.077	33.338	0.143	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	2	0	0.246	46.907	0.4005	0	0.244	36.789	0.284	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	2	0	0.16	47.736	0.0296	0	0.056	35.554	0.128	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	2	0	0.072	47.363	0.0662	0	0.135	35.062	0.09	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	2	0.054	0.137	54.69	0.7035	0.0089	0.075	29.811	0.107	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	2	0	0.121	47.231	0.2103	0	0.078	35.694	0.225	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	2	0	0.06	36.416	9.2943	0	0.063	20.774	0.069	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	2	0	0.059	34.466	9.7394	0	0.061	21.865	0.148	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	2	0	0.265	35.403	9.1684	0	0.02	20.877	0.166	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	2	0	0.261	35.218	9.4656	0	0.078	21.16	0.105	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	2	0	0.31	36.053	9.7993	0	0.091	21.047	0.12	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	2	0	0.128	35.463	10.1302	0	0.05	21.575	0.096	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	2	0	0.187	36.104	8.6152	0	0.055	20.946	0.099	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Tol	SnO2	TiO2	SiO2	Fe2O3	Mn2O3	Cr2O3	Al2O3	BaO	ZnO
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	2	0	0.152	35.683	9.7362	0	0.052	21.094	0.114	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	2	0	0.372	34.214	9.1064	0	0.055	21.42	0.095	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	2	0	0.265	35.614	9.5483	0	0.109	21.007	0.12	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	2	0	0	46.191	6.0135	0.0011	0.078	30.545	0.225	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	2	0	0	46.566	3.0229	0	0.053	30.006	0.214	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	2	0	0.001	46.113	2.6696	0	0.054	30.269	0.198	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	2	0	0	46.599	5.8067	0	0.017	30.355	0.16	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	2	0	0	46.52	3.1179	0	0.026	30.053	0.31	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	2	0	0.012	46.359	3.2075	0	0.044	30.143	0.318	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	2	0	0	45.084	6.0934	0	0.067	29.518	0.216	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	2	0	1.575	34.6	8.5172	0	0.063	20.194	0.095	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	2	0	1.375	33.049	7.6655	0	0.093	20.356	0.149	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	2	0	1.605	34.928	8.43	0	0.1	19.865	0.145	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	2	0	1.662	34.959	7.8941	0	0.2	19.357	0.088	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	2	0	1.528	34.814	7.984	0	0.152	19.524	0.145	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	2	0	1.735	34.376	7.6821	0	0.131	19.37	0.08	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	2	0	1.734	35.675	6.7436	0	0.166	19.696	0.071	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	2	0	1.586	35.202	8.3582	0	0.14	19.729	0.111	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	2	0	1.636	34.974	8.3174	0	0.119	19.795	0.159	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	2	0	1.562	35.324	8.1462	0	0.116	19.424	0.062	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	2	0	0.002	46.147	5.8152	0	0.071	30.552	0.126	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	2	0	0	46.186	5.41	0	0.051	30.383	0.141	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	2	0	0	43.445	4.4603	0	0.033	28.99	0.124	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	2	0	1.438	34.537	7.8234	0	0.207	19.594	0.049	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	2	0	1.116	35.313	6.1648	0	0.166	20.666	0.144	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	2	0	1.147	35.799	6.3613	0	0.161	20.586	0.13	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	2	0	1.042	34.81	9.1217	0	0.13	20.702	0.194	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	2	0	1.601	35.621	6.8309	0	0.072	19.809	0.096	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	2	0	1.535	35.396	8.0638	0	0.12	19.941	0.082	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	2	0	1.621	35.184	6.8982	0	0.1	20.093	0.103	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	2	0	0	46.415	6.3959	0	0.053	28.387	0.141	0.094
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	2	0	1.644	35.738	7.6167	0	0.352	19.851	0.06	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	2	0	1.649	35.592	7.1192	0	0.358	20.09	0.093	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	2	0	1.656	35.113	8.6317	0	0.383	20.04	0.146	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	2	0	0	45.061	0.5808	0	0.065	27.829	0.053	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	2	0	1.459	35.451	8.422	0	0.122	20.048	0.046	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	2	0	1.693	35.837	6.208	0	0.158	20.083	0.081	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	2	0	1.628	35.36	8.0524	0	0.166	20.021	0.063	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	2	0	1.684	35.116	8.4198	0	0.189	19.662	0.037	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	2	0	1.705	35.6	8.3556	0	0.106	19.831	0.067	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	2	0	0	45.275	7.2693	0.0634	0.043	30.204	0.062	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	2	0	0.01	45.788	3.0875	0	0.087	30.219	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	2	0	0.012	44.488	1.8205	0	0.065	28.793	0.044	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	2	0	1.373	34.27	7.9114	0	0.133	19.836	0.054	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	2	0	1.689	34.922	8.1102	0	0.127	19.783	0.027	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	2	0	1.575	34.139	8.0461	0	0.101	20.097	0.09	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	2	0	1.679	34.122	8.0768	0	0.12	20.159	0.086	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	2	0	0	44.003	3.7923	0	0.015	29.076	0.047	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	2	0.005	0.066	45.89	3.6172	0	0.093	31.632	0.205	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Tol	SnO2	TiO2	SiO2	Fe2O3	Mn2O3	Cr2O3	Al2O3	BaO	ZnO
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	2	0	0	44.045	4.0073	0	0.078	27.876	0.043	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	2	0	0	46.083	2.839	0	0.035	30.26	0.141	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	2	0	0	45.994	2.5648	0	0.044	29.853	0.088	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	2	0	0	45.478	2.876	0	0.035	31.271	0.219	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	2	0	1.684	34.502	8.1075	0	0.12	19.796	0.001	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	2	0	1.724	34.057	7.7442	0	0.106	19.705	0.052	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	2	0	1.791	35.387	7.5072	0	0.136	19.826	0.106	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	2	0	0.409	45.873	3.6096	0	0.056	31.152	0.218	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	2	0	0.001	45.18	6.377	0	0.03	29.878	0.222	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	2	0	0	45.12	4.5044	0	0.033	30.601	0.135	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	2	0	0.015	45.426	4.5816	0	0.042	30.527	0.206	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	2	0	0.582	41.622	11.5116	0	0.09	26.101	0.156	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	2	0	1.53	37.034	0	0	0.072	18.29	0.121	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	2	0	1.541	36.764	6.4126	0	0.052	18.509	0.136	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	2	0	1.525	36.851	0	0	0.069	18.339	0.123	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	2	0	1.439	36.404	6.1792	0	0.088	18.818	0.147	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	2	0	1.393	36.791	6.3063	0	0.098	18.319	0.154	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	2	0	1.276	36.588	7.7164	0	0.091	19.768	0.259	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	2	0	0.344	47.731	3.8986	0.089	0.055	32.384	0.33	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	2	0	0.278	48.681	0	0	0.041	31.204	0.266	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	2	0	0.211	49.972	1.8426	0.0712	0.024	30.766	0.357	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	2	0	0.345	48.081	0	0	0.034	31.835	0.358	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	2	0	1.626	37.399	0	0	0.104	17.924	0.198	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	2	0	1.533	37.22	6.7627	0	0.074	18.16	0.127	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	2	0	1.63	37.768	6.3509	0	0.078	17.24	0.135	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	2	0	1.46	36.768	0	0	0.099	18.875	0.134	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	2	0	1.486	36.875	7.2298	0	0.06	18.38	0.13	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	2	0	0.272	47.266	3.0973	0.0835	0.068	31.057	0.946	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	2	0	1.431	36.522	6.0363	0	0.085	16.626	0.132	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	2	0	1.458	36.75	6.7136	0	0.124	17.404	0.179	0.083
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	2	0	0.425	49.466	0.9969	0	0.118	34.768	0.506	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	2	0	0.413	48.885	0.2863	0	0.024	31.855	0.254	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	2	0	0.384	48.043	0	0	0.039	33.672	0.509	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	2	0	0.622	47.814	0.3521	0	0.106	32.229	0.425	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	2	0	0.149	46.682	3.6797	0.059	0.023	31.803	0.244	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	2	0	0.202	47.216	0	0	0.081	31.08	0.272	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	2	0	0.157	46.624	0	0	0.107	31.923	0.281	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	2	0	0.231	48.166	0	0	0.062	31.973	0.23	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	2	0	0.223	42.717	8.4224	0	0.049	28.943	0.163	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	2	0	0.323	46.978	0	0	0.052	29.992	0.206	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	2	0.027	0.567	47.012	0.541	0	0.083	34.453	0.695	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	2	0	0.678	45.667	0.2025	0	0.115	35.149	0.741	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	2	0	0.605	46.48	0.224	0	0.108	35.082	0.857	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	2	0.018	0.386	48.872	0	0	0.071	34.252	0.503	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	2	0	0.335	47.131	0	0	0.087	31.125	0.272	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	2	0	0.193	48.071	0	0	0.008	31.623	0.271	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	2	0	0.228	47.452	0	0	0.073	32.099	0.273	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	2	0	1.294	36.56	8.0749	0	0.079	18.815	0.124	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	2	0	1.175	36.142	8.034	0	0.139	19.023	0.214	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Tol	SnO2	TiO2	SiO2	Fe2O3	Mn2O3	Cr2O3	Al2O3	BaO	ZnO
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	2	0	1.308	36.603	7.7576	0	0.128	18.468	0.146	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	2	0	1.463	37.431	7.6315	0	0.104	17.807	0.091	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	2	0	1.299	35.531	7.5754	0	0.09	18.855	0.173	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	2	0	1.48	37.671	0	0	0.1	18.258	0.165	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	2	0	1.414	37.832	5.5789	0	0.102	18.238	0.108	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	2	0	1.364	36.514	7.7722	0	0.135	18.55	0.072	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	2	0	1.435	36.668	7.7542	0	0.109	18.351	0.142	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	2	0	1.634	36.015	7.2315	0	0.12	18.34	0.144	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	2	0	1.579	37.646	7.0858	0	0.117	17.282	0.084	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	2	0	1.638	35.899	7.3551	0	0.117	18.328	0.13	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	2	0	0.102	46.11	8.2895	0	0.029	30.108	0.229	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	2	0	0.221	46.799	4.1275	0.0768	0.062	32.509	0.352	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	2	0	0.162	47.431	0	0	0.058	31.872	0.422	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	2	0	0.1	52.874	3.579	0	0.049	29.007	0.361	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	2	0	0.169	47.101	0	0	0.041	32.14	0.321	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	2	0	0.302	47.959	0	0	0.073	33.051	0.347	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	2	0	0.236	47.148	0	0	0.087	31.249	0.282	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	2	0	0.399	49.595	0	0	0.075	32.321	0.418	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	2	0	0.68	49.707	0	0	0.074	33.838	0.511	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	2	0	0.488	47.436	0.9018	0	0.107	36.813	0.075	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	2	0.025	0.341	46.926	0	0	0.115	35.701	0.135	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	2	0	0.288	47.039	0	0	0.058	35.998	0.133	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	2	0	0.287	47.538	0	0	0.093	35.913	0.026	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	2	0	0.5	46.855	0	0	0.042	35.765	0.172	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	2	0	0.161	55.243	5.1266	0	0	19.501	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	2	0	2.271	33.54	6.9794	0	0.271	19.122	0.06	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	2	0	0.08	46.714	0.1998	0	0.071	36.019	0.175	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	2	0	0.243	46.666	0	0	0.039	36.142	0.332	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	2	0.016	0.279	47.095	0	0	0.063	35.877	0.131	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	2	0	0.265	47.217	0	0	0.026	35.762	0.086	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	2	0.082	0.154	46.553	0.065	0	0.056	35.56	0.115	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	2	0	0.11	47.774	4.5187	0.0089	0.032	31.988	0.189	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	2	0.003	0.11	47.766	3.8264	0.0467	0.044	31.851	0.169	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	2	0	0.132	47.409	0	0	0.067	32.272	0.132	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	2	0	0.082	47.309	0	0	0.051	32.217	0.181	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	2	0.007	0.112	47.278	3.144	0	0.062	31.929	0.189	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	2	0	2.719	35.815	0	0	0.31	18.894	0.086	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	2	0	0.399	47.249	0.8864	0	0.087	37.414	0.233	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	2	0	0.091	49.151	1.7108	0	0.059	31.401	0.21	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	2	0	0.499	46.719	0	0	0.061	35.962	0.201	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	2	0.013	0.259	46.85	0	0	0.062	35.581	0.107	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	2	0	0.353	47.451	0.6879	0	0.086	36.984	0.184	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	2	0	0.264	47.494	0	0	0.027	35.874	0.201	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	2	0	0.177	47.291	0	0	0.049	36.088	0.219	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	2	0	0.248	47.609	0	0	0.056	35.887	0.201	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	2	0	0.235	47.469	0	0	0.051	35.623	0.125	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	2	0	0.415	46.035	0	0	0.018	36.576	0.298	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	2	0	0.47	46.263	0	0	0.07	36.223	0.342	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	2	0	0.13	47.532	3.4552	0	0.011	32.159	0.383	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Tol	SnO2	TiO2	SiO2	Fe2O3	Mn2O3	Cr2O3	Al2O3	BaO	ZnO
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	2	0	0.166	48.12	0	0	0.038	31.932	0.205	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	2	0	0.143	46.564	0	0	0	31.358	0.267	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	2	0	0.181	48.021	0	0	0.074	32.263	0.386	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	2	0	0.193	47.125	0	0	0.078	32.672	0.315	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	2	0	0.307	47.144	0	0	0.085	35.701	0.103	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	2	0	0.429	47.255	0	0	0.097	35.367	0.184	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	2	0	0.308	47.399	0	0	0.121	35.825	0.11	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	2	0	2.494	34.72	7.751	0	0.375	19.225	0.085	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	2	0	2.888	32.44	6.5109	0	0.345	18.829	0.064	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	2	0	0.213	46.366	0	0	0.056	36.185	0.569	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	2	0	0.075	48.92	2.7847	0	0.042	31.226	0.236	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	2	0	0.193	46.836	0	0	0.022	36.054	0.384	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	2	0	0.53	46.983	0.2976	0	0.083	34.512	0.361	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	2	0	2.017	34.132	7.3664	0	0.335	19.49	0.082	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	2	0	1.979	35.496	7.9417	0	0.302	19.244	0.053	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	2	0	0.064	46.903	0.4339	0	0.056	36.64	0.038	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	2	0	0.15	49.246	0	0	0.063	31.94	0.193	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	2	0	0.089	48.379	0	0	0.086	31.475	0.155	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	2	0	0.138	46.639	0	0	0.049	31.966	0.168	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	2	0	2.485	33.191	6.6163	0	0.273	18.703	0.113	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	2	0	2.751	32.981	6.9987	0	0.234	19.515	0.047	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	2	0	0.236	47.249	0	0	0.055	36.612	0.077	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	2	0	0.131	57.431	0.3023	0	0.075	24.845	0.137	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	2	0.013	0.141	47.867	0	0	0.086	32.284	0.188	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	2	0	0.128	46.681	0.1688	0	0.043	35.72	0.145	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	2	0	0.089	46.413	0.1019	0	0.078	36.181	0.165	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	2	0	0.296	47.357	0	0	0.049	35.458	0.132	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	2	0	2.969	34.273	7.23	0	0.227	18.935	0.047	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	2	0	0.139	48.854	2.2369	0	0.034	32.934	0.223	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	2	0	0.222	48.257	0	0	0.056	32.503	0.178	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	2	0.086	0.128	47.029	0	0	0.094	32.212	0.168	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	2	0	0.118	47.754	0	0	0.074	31.882	0.216	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	2	0	0.099	62.27	1.936	0.0434	0.042	22.171	0.083	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	2	0	2.739	34.058	6.952	0	0.354	18.946	0.013	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	2	0	0.314	47.371	0.7613	0.0312	0.041	36.531	0.13	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	2	0	0.469	46.123	0.4935	0	0.077	35.661	0.171	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	2	0	0.342	46.498	0.1331	0	0.043	35.367	0.179	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	2	0	0.327	46.298	0.3771	0	0.079	35.47	0.151	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	2	0	0.27	46.823	0.2341	0	0.064	34.536	0.135	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	2	0	0.425	46.439	0.878	0.0018	0.028	37.304	0.324	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	2	0	0.348	46.866	0	0	0.058	36.533	0.178	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	2	0	0.197	42.654	6.5625	0	0.063	32.741	0.145	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	2	0	0.141	48.493	3.0284	0	0.039	31.8	0.198	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	2	0	0.152	48.16	3.8442	0.0211	0.064	31.406	0.228	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	2	0	0.151	48.167	0	0	0.09	32.393	0.239	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	FeO	MnO	CaO	MgO	Cs2O	Rb2O	K2O	Na2O	Li2O	Cl
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	0.0997	0	0.035	0.788	0	0	8.706	0.681	0.2853	0.02
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	0.6729	0	0.022	0.582	0	0	8.924	1.336	0.7692	0.005
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	0.794	0.021	0.041	0.635	0	0	9.029	0.978	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	0.882	0.022	0.007	0.765	0	0	9.246	0.856	0	0.008
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	0.584	0	0.03	0.47	0	0	9.018	1.192	0.4864	0.001
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	0.1261	0	0.008	0.925	0	0	8.808	0.785	0.2248	0.005
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	0	0	0.014	1.042	0	0	9.372	0.971	0.4083	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	1.0406	0	0.013	0.644	0	0	9.184	1.126	1.4045	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	0.7526	0.008	0.043	0.875	0	0	9.112	0.893	0.7053	0.01
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	0.5383	0.047	0.017	0.699	0	0	9.105	1.056	0.436	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	0.7452	0	0.121	0.639	0	0	8.337	0.916	1.1605	0.007
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	0.7446	0	0.033	0.874	0	0	9.134	0.825	2.0694	0.017
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	0	0	0.13	0.759	0	0	8.976	0.886	2.3647	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	0.5981	0	0.012	1.105	0	0	8.769	0.843	0.4587	0.006
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	0.7205	0.004	0.034	0.758	0	0	9.007	0.992	0.8388	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	1.9064	0	0.068	0.7	0	0	8.879	0.996	0.7356	0.005
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	0.5726	0	0.024	0.616	0	0	9.17	0.907	0.6981	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	1.326	0.011	0.389	0.813	0	0	9.19	0.91	0	0.002
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	0.7549	0.019	0.027	0.877	0	0	9.259	0.956	1.4096	0.001
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	0.2447	0.017	0.067	1.116	0	0	8.597	0.611	0.2204	0.005
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	0.8635	0	0.105	0.854	0	0	9.094	0.854	0.9754	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	0.5762	0	0.101	0.815	0	0	9.073	0.955	0.6557	0.009
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	0.725	0	0.014	0.51	0	0	9.309	1.125	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	1.645	0	0	1.103	0	0	9.125	0.94	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	1.012	0.007	0.053	0.877	0	0	9.137	0.965	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	15.8582	0.204	0.022	9.397	0	0	6.661	0.044	0	0.013
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	0.1947	0.019	0.001	1.073	0	0	9.179	0.588	0.2142	0.004
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	0.2163	0.018	0.009	1.308	0	0	9.203	0.61	0.202	0.001
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	0.4638	0.023	0.026	1.289	0	0	9.064	0.626	0.1901	0.004
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	0.2639	0.007	0.007	1.108	0	0	9.269	0.69	0.0687	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	0	0	0	1.553	0	0	9.03	0.745	0.1152	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	0.8741	0.008	0	0.969	0	0	9.267	0.895	0.724	0.001
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	0.0938	0	0.012	0.872	0	0	9.181	0.831	0.2163	0.003
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	0.921	0	0	0.953	0	0	9.311	0.907	0	0.008
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	1.035	0	0	0.983	0	0	9.36	0.9	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	1.589	0	0	1.183	0	0	9.252	0.91	0	0.003
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	1.165	0	0.018	1.094	0	0	9.214	0.948	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	0.4086	0.041	0.048	0.529	0	0	8.359	0.946	0.1741	0.001
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	0.5974	0	0.022	0.531	0	0	8.74	1.226	0.52	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	0.6315	0	0.026	0.572	0	0	8.971	1.069	1.2939	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	0	0	0.041	0.604	0	0	8.243	0.946	0.4789	0.015
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	0.5938	0	0.003	0.517	0	0	9.129	1.172	0.3915	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	12.1359	0.071	0.045	8.648	0	0	8.126	0.269	0.0702	0.01
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	12.2884	0.043	0.029	8.411	0	0	7.991	0.129	0.8534	0.01
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	12.2502	0.025	0.116	8.163	0	0	7.904	0.303	1.4828	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	12.9408	0.046	0.042	8.534	0	0	7.438	0.181	0.6275	0.015
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	11.6725	0.069	0.014	8.274	0	0	7.915	0.268	0.4249	0.007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	11.5668	0.049	0.041	8.122	0.05	0	8.428	0.145	0.1839	0.011
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	13.124	0.056	0.05	8.311	0	0	8.467	0.118	0.0172	0.009

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	FeO	MnO	CaO	MgO	Cs2O	Rb2O	K2O	Na2O	Li2O	Cl
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	11.8123	0.079	0.04	8.337	0	0	8.308	0.249	0.3782	0.016
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	13.706	0.058	0.032	8.438	0	0	7.156	0.094	0	0.015
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	11.7313	0.064	0.035	8.328	0	0	8.324	0.242	0.6799	0.009
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	0	0	0.034	4.192	0	0	8.182	0.223	1.081	0.001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	2.021	0	0	4.298	0	0	8.403	0.221	0.5075	0.007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	2.5398	0.042	0.008	3.858	0.031	0	8.408	0.196	0.882	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	0.1011	0.043	0.014	3.826	0.038	0	8.236	0.17	0.2396	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	2.6485	0.02	0.02	3.222	0.004	0	8.293	0.175	0.9545	0.018
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	2.3068	0	0.012	3.503	0.017	0	8.61	0.188	0.6674	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	0.4821	0.082	0.015	4.284	0	0	7.974	0.185	1.4846	0.003
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	14.2012	0.015	0	8.121	0	0	8.163	0.13	0.6514	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	16.1505	0.066	0.016	9.241	0	0	6.017	0.068	0	0.001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	14.3156	0.073	0.03	8.081	0	0	8.14	0.143	0.4651	0.008
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	14.8368	0.065	0.055	8.368	0	0	7.792	0.113	0.9727	0.007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	14.7929	0.099	0.034	8.307	0	0	7.818	0.119	1.0256	0.022
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	15.7956	0.088	0	8.231	0	0	7.562	0.094	0	0.024
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	15.9641	0.044	0	8.121	0	0	8.248	0.198	0.0358	0.002
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	14.0272	0.085	0.059	8.238	0	0	8.035	0.133	0.6034	0.004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	14.234	0.052	0.041	8.195	0	0	7.979	0.139	0.6902	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	14.2279	0.04	0.074	7.914	0	0	8.286	0.222	0.9294	0.006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	0.6545	0.031	0.036	4.08	0	0	7.516	0.174	0.2058	0.012
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	0.127	0.039	0.008	4.219	0.028	0	8.481	0.212	0.2859	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	4.3836	0.042	0.038	5.284	0	0	7.43	0.194	1.1521	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	15.4624	0.095	0.012	9.108	0	0	6.866	0.13	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	17.9819	0.054	0	8.512	0	0	6.815	0.123	0.0461	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	15.358	0.076	0	8.245	0	0	8.483	0.14	0.0532	0.004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	13.3042	0.067	0.008	8.332	0	0	8.246	0.143	0.0965	0.011
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	15.9165	0.027	0.011	8.152	0	0	8.096	0.16	0.0432	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	14.5841	0.093	0.036	8.062	0	0	8.236	0.178	0.0276	0.012
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	15.8489	0.054	0.024	8.421	0	0	7.942	0.145	0.0319	0.011
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	1.4629	0.08	0.038	4.914	0	0	6.077	0.35	1.0992	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	14.8554	0	0	7.638	0	0	8.293	0.258	0.067	0.01
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	15.3101	0.005	0.019	7.678	0	0	8.247	0.312	0.0074	0.005
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	13.9601	0.02	0.019	7.697	0	0	7.941	0.211	0.4881	0.006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	6.5614	0.083	0.022	5.259	0.036	0	6.652	0.321	2.3695	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	14.0868	0.09	0.001	8.037	0	0	8.322	0.183	0.048	0.002
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	16.058	0.029	0.006	7.911	0	0	8.353	0.222	0.0294	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	14.4504	0.109	0.031	7.862	0	0	8.274	0.248	0.071	0.011
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	14.8488	0.047	0	7.9	0	0	8.133	0.136	0.1537	0.004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	14.4606	0.13	0	7.667	0	0	8.258	0.121	0.0435	0.008
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	0	0	0.004	4.663	0.014	0	7.622	0.228	0.1361	0.015
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	2.5308	0.012	0	4.151	0	0	8.341	0.279	0.8939	0.032
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	6.0639	0.022	0	4.872	0	0	7.189	0.232	1.6555	0.008
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	15.6842	0.089	0.022	8.399	0	0	7.025	0.118	0	0.004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	14.7423	0.156	0.037	8.091	0	0	7.259	0.075	0	0.014
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	15.245	0.074	0	8.478	0	0	7.056	0.064	0	0.014
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	14.7695	0.069	0	8.285	0	0	7.385	0.067	0	0.007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	5.4576	0	0.059	5.299	0	0	5.999	0.232	1.5847	0.006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	1.2202	0.008	0.031	2.882	0	0	8.001	0.597	1.2195	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	FeO	MnO	CaO	MgO	Cs2O	Rb2O	K2O	Na2O	Li2O	Cl
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	5.4242	0.015	0.04	5.174	0	0	6.523	0.408	1.9158	0.013
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	2.5135	0.033	0.017	3.675	0.024	0	8.091	0.2	1.4098	0.004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	2.4542	0	0.024	3.663	0.014	0	8.671	0.187	1.75	0.032
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	2.5822	0.001	0.124	3.212	0.02	0	7.407	0.101	2.0353	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	15.1598	0.105	0	8.458	0	0	7.639	0.069	0.7156	0.003
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	16.1707	0.1	0.025	8.641	0	0	6.743	0.09	0	0.005
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	15.175	0.099	0.002	8.02	0	0	8.196	0.152	0.0333	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	2.0611	0.041	0.026	3.743	0	0	7.598	0.172	0.5387	0.01
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	1.421	0.015	0.049	3.522	0	0	7.434	0.183	1.153	0.006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	1.5809	0.094	0.012	3.767	0.012	0	8.354	0.199	1.0667	0.001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	1.6484	0.06	0.031	3.57	0.024	0	8.123	0.163	1.0616	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	2.9357	0.062	0.021	5.594	0	0	7.247	0.117	0.0692	0.023
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	18.908	0.541	0.013	10.066	0	0	9.043	0.046	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	13.9419	0.565	0.016	9.711	0	0	8.791	0	0.0021	0.015
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	19.467	0.587	0	9.983	0	0	9.136	0.028	0	0.003
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	14.0119	0.615	0.017	9.826	0	0	8.898	0.035	0.0574	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	13.9085	0.59	0.02	10.368	0	0	8.496	0.024	0	0.001
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	12.0087	0.534	0.043	9.376	0	0	8.517	0.02	0.0508	0.013
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	0	0	0.037	2.232	0	0	9.262	0.073	0.0193	0.008
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	2.279	0.036	0.046	1.678	0	0	10.874	0.095	0	0.018
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	0	0	0.018	1.68	0	0	9.983	0.238	0.2147	0.005
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	2.867	0.095	0.019	1.706	0	0	10.164	0.215	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	18.791	0.545	0.079	9.971	0	0	9.045	0.016	0	0.001
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	13.1138	0.472	0.013	9.909	0	0	8.816	0.012	0.0621	0.007
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	13.2124	0.52	0.023	9.945	0	0	9.327	0.03	0.0525	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	19.69	0.599	0.005	9.539	0	0	9.041	0.029	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	12.3225	0.576	0.041	9.993	0	0	9.103	0.034	0.0514	0.005
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	0	0	0.021	1.927	0	0	10.419	0.109	0.594	0.002
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	13.7375	0.456	0.015	10.715	0	0	8.393	0.037	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	12.4531	0.532	0.03	10.252	0	0	8.479	0.028	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	0.1439	0	0.004	0.799	0	0	9.308	0.417	0.2203	0.009
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	0.8114	0.007	0.136	1.334	0	0	9.555	1.039	0.8663	0.014
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	0.958	0.011	0.009	0.741	0	0	10.308	0.736	0	0.013
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	0.8082	0.052	0	1.125	0	0	10.079	0.612	1.3221	0.002
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	0	0	0.017	1.962	0	0	10.464	0.14	0.7824	0.012
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	3.432	0.115	0.035	1.917	0	0	10.742	0.187	0	0.007
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	3.654	0.121	0.017	2.117	0	0	10.529	0.122	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	2.543	0.046	0.038	1.443	0	0	10.623	0.147	0	0.002
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	1.7544	0.359	0.042	4.977	0	0	7.078	0.055	0.8027	0.026
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	5.305	0.165	0.048	2.621	0	0	10.429	0.063	0	0.007
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	0.5392	0.029	0.03	0.727	0	0	9.73	0.588	0.5128	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	0.7158	0	0.047	0.623	0	0	9.358	0.491	1.7324	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	0.7634	0	0.056	0.701	0	0	8.986	0.549	1.0664	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	0.916	0.024	0.032	0.848	0	0	9.347	0.942	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	3.84	0.134	0.031	2.682	0	0	10.54	0.106	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	2.843	0.08	0.042	1.866	0	0	10.868	0.095	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	2.629	0.088	0.033	1.679	0	0	10.629	0.096	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	11.4952	0.489	0.001	9.877	0	0	9.089	0.023	0.286	0.003
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	11.697	0.546	0.011	9.791	0	0	8.815	0.042	0.5785	0.013

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	FeO	MnO	CaO	MgO	Cs2O	Rb2O	K2O	Na2O	Li2O	Cl
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	12.0076	0.546	0.001	10.111	0	0	8.694	0.026	0.4183	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	11.7951	0.506	0.02	9.846	0	0	9.261	0.016	0.2313	0.008
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	12.7976	0.556	0.02	9.906	0	0	8.379	0.063	1.056	0.002
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	19.252	0.571	0.061	9.833	0	0	9.15	0.006	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	13.9921	0.496	0.039	9.829	0	0	8.834	0.021	0.0345	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	11.7285	0.562	0.028	9.882	0	0	8.968	0.046	0.6046	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	12.1037	0.512	0.026	10.004	0	0	8.876	0.017	0.2159	0.009
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	12.874	0.476	0.03	9.598	0	0	8.167	0.021	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	12.0882	0.539	0.021	9.71	0	0	8.884	0.033	1.1997	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	12.5148	0.609	0.015	9.586	0	0	9.066	0.014	1.0483	0.003
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	0.047	0.243	0.014	2.462	0	0	7.581	0.254	0.1922	0.003
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	0	0	0.03	2.196	0	0	9.715	0.116	0.0925	0.009
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	2.711	0.087	0.017	2.019	0	0	10.466	0.126	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	0.2386	0.114	0.021	1.723	0	0	8.809	0.177	0.1005	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	3.445	0.112	0.006	1.87	0	0	10.621	0.17	0	0.016
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	1.15	0.043	0.01	1.35	0	0	10.255	0.56	0	0.007
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	3.631	0.099	0.031	2.262	0	0	10.571	0.245	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	1.256	0.064	0.031	1.347	0	0	10.264	0.459	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	0.85	0.009	0.122	0.643	0	0	9.824	0.57	0	0.016
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	0.0436	0.001	0.015	0.535	0	0	8.957	0.472	0.2328	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	0.879	0.005	0.006	0.587	0	0	10.214	0.619	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	0.793	0.017	0.015	0.521	0	0	10.422	0.689	0	0.014
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	0.762	0.027	0.008	0.484	0	0	10.321	0.718	0	0.009
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	0.884	0.047	0	0.502	0	0	10.458	0.701	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	0	0	0.484	0.112	0	0	0.411	7.587	6.9719	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	16.3289	0.04	0.047	9.298	0	0	6.548	0.104	0	0.032
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	0.7513	0.015	0.033	0.653	0	0	9.264	0.448	0.9493	0.022
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	0.728	0	0.023	0.53	0	0	10.368	0.554	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	0.72	0	0.007	0.538	0	0	10.335	0.565	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	0.774	0	0.027	0.542	0	0	10.219	0.583	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	0.6356	0	0.02	0.521	0	0	10.318	0.547	0.7417	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	0	0	0.039	2.272	0	0	9.877	0.087	0.1107	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	0	0	0.079	2.151	0	0	9.97	0.127	0	0.003
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	3.1	0.038	0.024	1.84	0	0	10.815	0.083	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	2.799	0.026	0.038	1.85	0	0	10.469	0.094	0	0.013
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	0	0	0.038	1.785	0	0	10.569	0.122	0.5632	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	21.489	0.076	0.03	7.801	0	0	9.093	0.055	0	0.009
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	0.0454	0	0	0.607	0	0	9.719	0.471	0.2405	0.004
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	0.5486	0	0.097	2.139	0	0	9.963	0.114	0.2261	0.018
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	0.82	0.04	0.001	0.467	0	0	10.379	0.688	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	0.764	0	0	0.53	0	0	10.393	0.681	0	0.002
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	0	0	0.024	0.5	0	0	9.402	0.424	0.2029	0.008
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	0.701	0	0.03	0.513	0	0	9.845	0.554	0	0.009
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	0.681	0	0.031	0.471	0	0	9.906	0.557	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	0.649	0.014	0.044	0.443	0	0	9.936	0.572	0	0.012
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	0.764	0	0.015	0.534	0	0	9.849	0.553	0	0.017
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	0.844	0	0.021	0.52	0	0	10.326	0.673	0	0.001
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	0.828	0	0.03	0.482	0	0	10.369	0.683	0	0.01
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	0	0	0.06	2.302	0	0	9.176	0.106	0.5279	0.016

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	FeO	MnO	CaO	MgO	Cs2O	Rb2O	K2O	Na2O	Li2O	Cl
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	3.144	0.014	0.039	2.046	0	0	10.18	0.102	0	0.012
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	4.845	0.028	0.04	2.538	0	0	10.289	0.109	0	0.016
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	2.515	0.004	0.025	1.609	0	0	10.467	0.112	0	0.006
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	2.603	0.001	0.03	1.645	0	0	10.548	0.102	0	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	0.676	0	0.017	0.509	0	0	10.177	0.663	0	0.005
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	0.691	0	0.023	0.53	0	0	10.642	0.479	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	0.66	0.045	0.004	0.508	0	0	10.204	0.69	0	0.008
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	15.3976	0.073	0.044	8.48	0	0	7.322	0.039	0.439	0.018
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	17.4495	0.108	0.029	8.998	0	0	6.862	0.054	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	0.723	0.016	0.001	0.48	0	0	10.217	0.615	0	0.01
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	0.5373	0	0.084	2.766	0.031	0	9.422	0.181	0.2255	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	0.962	0	0.034	0.554	0	0	9.871	0.512	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	0.5662	0	0.005	0.75	0	0	10.438	0.445	0.4994	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	15.2046	0.032	0.084	9.262	0	0	6.375	0.086	0	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	14.105	0.087	0.057	8.589	0	0	7.596	0.04	0.8582	0.021
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	0.4146	0.014	0.005	0.513	0	0	9.69	0.458	0.1607	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	1.637	0.036	0.084	1.516	0	0	10.338	0.132	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	2.93	0	0.069	2.037	0.001	0	10.285	0.083	0	0.01
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	3.599	0	0.024	2.001	0	0	10.732	0.113	0	0.006
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	17.6356	0.069	0.063	9.153	0	0	6.239	0.07	0	0.018
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	16.7286	0.129	0.136	9.76	0	0	5.349	0.087	0	0.027
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	0.881	0	0.025	0.615	0	0	9.756	0.52	0	0.013
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	1.123	0.007	0.061	1.164	0	0	8.293	0.078	1.7743	0.008
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	2.133	0.029	0.04	1.773	0	0	10.498	0.124	0	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	0.5791	0	0.007	0.581	0	0	10.204	0.516	0.6163	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	0.6543	0	0.015	0.524	0	0	8.785	0.476	1.8917	0.026
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	0.705	0.011	0	0.541	0	0	10.211	0.56	0	0.006
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	15.0704	0.088	0.067	8.402	0	0	7.751	0.123	0	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	0.3752	0	0.129	1.804	0	0	9.177	0.107	0.1286	0.002
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	1.995	0	0.026	1.552	0	0	10.833	0.16	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	2.732	0.013	0.047	1.903	0	0	10.587	0.124	0	0.013
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	2.99	0.02	0.064	1.875	0	0	10.206	0.122	0	0.014
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	0	0	0.043	1.381	0	0	7.915	0.082	0.9149	0.015
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	15.6155	0.07	0.168	8.916	0	0	6.517	0.085	0	0.023
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	0	0	0.039	0.518	0	0	9.479	0.501	0.2154	0.004
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	0.5679	0	0.026	0.495	0	0	10.197	0.649	0.5862	0.022
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	0.6892	0.002	0.008	0.52	0	0	10.092	0.706	0.8194	0.034
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	1.2036	0	0.03	0.494	0	0	9.632	0.581	0.832	0.023
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	0.7674	0	0.032	0.443	0	0	10.109	0.628	1.4288	0.002
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	0	0.0494	0.016	0.545	0	0	9.408	0.497	0.2413	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	0.62	0.008	0.016	0.513	0	0	10.004	0.68	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	1.389	0.019	0.072	0.519	0	0	8.967	0.475	1.6561	0.108
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	0	0	0.052	3.402	0	0	8.275	0.136	0.0998	0.011
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	0	0	0.161	1.681	0	0	9.952	0.12	0.0866	0.012
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	2.056	0.012	0.06	1.523	0	0	10.573	0.108	0	0.009

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	F	H2O	Total#	O=F	O=Cl	Total	Group	Si4+	Al3+
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	0.115	4.4977	100.3657	-0.0484	-0.0045	100.3127		3.1807	0.8193
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	0.068	4.4647	99.9393	-0.0286	-0.0011	99.9096		3.0501	0.9499
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	0.29	4.3528	99.6518	-0.1221	0	99.5297		3.1567	0.8433
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	0.067	4.491	100.023	-0.0282	-0.0018	99.993		3.2013	0.7987
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	0.124	4.4565	99.9541	-0.0522	-0.0002	99.9017		3.074	0.926
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	0.125	4.5099	100.5611	-0.0526	-0.0011	100.5073		3.1562	0.8438
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	0.087	4.4628	99.8273	-0.0366	0	99.7907		3.1625	0.8375
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	0.007	4.5043	100.0233	-0.0029	0	100.0203		3.16	0.84
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	0.128	4.4448	99.9892	-0.0539	-0.0023	99.933		3.1478	0.8522
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	0.038	4.5001	99.9106	-0.016	0	99.8946		3.1226	0.8774
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	0.084	4.4825	99.9903	-0.0354	-0.0016	99.9534		3.0698	0.9302
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	0	4.5344	100.0284	0	-0.0038	100.0245		3.0898	0.9102
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	0.168	4.4288	99.9366	-0.0707	0	99.8659		3.0518	0.9482
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	0.173	4.4792	100.0649	-0.0728	-0.0014	99.9907		3.189	0.811
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	0.089	4.4703	99.9686	-0.0375	0	99.9311		3.1345	0.8655
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	0.181	4.4004	100.0694	-0.0762	-0.0011	99.9921		3.0818	0.9182
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	0.068	4.4784	99.949	-0.0286	0	99.9204		3.0548	0.9452
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	0.041	4.4961	100.1231	-0.0173	-0.0005	100.1054		3.3055	0.6945
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	0.223	4.4187	100.0812	-0.0939	-0.0002	99.9871		3.0731	0.9269
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	0.104	4.5286	100.8574	-0.0438	-0.0011	100.8124		3.2341	0.7659
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	0.088	4.4801	100.0174	-0.0371	0	99.9804		3.1662	0.8338
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	0.164	4.443	100.0313	-0.0691	-0.002	99.9602		3.1237	0.8763
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	0.066	4.4995	100.3195	-0.0278	0	100.2917		3.1235	0.8765
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	0.162	4.4146	100.2346	-0.0682	0	100.1664		3.2052	0.7948
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	0.143	4.4474	100.2464	-0.0602	0	100.1862		3.1877	0.8123
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	0.684	3.4456	98.7353	-0.288	-0.0029	98.4444		2.581	1.419
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	0.124	4.5044	100.7766	-0.0522	-0.0009	100.7235		3.2355	0.7645
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	0.238	4.4395	100.4553	-0.1002	-0.0002	100.3548		3.2874	0.7126
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	0.175	4.4422	100.1948	-0.0737	-0.0009	100.1202		3.2097	0.7903
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	0.182	4.4382	100.1757	-0.0766	0	100.099		3.2407	0.7593
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	0.173	4.4072	99.8934	-0.0728	0	99.8206		3.2978	0.7022
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	0.087	4.4638	100.0062	-0.0366	-0.0002	99.9693		3.1826	0.8174
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	0.05	4.5527	100.7967	-0.0211	-0.0007	100.775		3.1821	0.8179
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	0.155	4.4314	99.5734	-0.0653	-0.0018	99.5063		3.1987	0.8013
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	0.059	4.4898	99.8958	-0.0248	0	99.871		3.226	0.774
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	0.103	4.4571	100.0971	-0.0434	-0.0007	100.053		3.2086	0.7914
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	0.24	4.399	99.638	-0.1011	0	99.537		3.2279	0.7721
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	0.202	4.45	100.0293	-0.0851	-0.0002	99.944		3.075	0.925
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	0.174	4.4728	99.9467	-0.0733	0	99.8734		3.1297	0.8703
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	0.096	4.521	99.9686	-0.0404	0	99.9281		3.1043	0.8957
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	0.097	4.6039	100.6151	-0.0408	-0.0034	100.5709		3.512	0.488
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	0.039	4.5236	99.9281	-0.0164	0	99.9117		3.1085	0.8915
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	0.127	3.9906	100.169	-0.0535	-0.0023	100.1133		2.6893	1.3107
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	0.193	3.9497	100.2359	-0.0813	-0.0023	100.1524		2.5513	1.4487
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	0.093	3.9963	100.2327	-0.0392	0	100.1935		2.6079	1.3921
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	0.04	4.0028	100.1547	-0.0168	-0.0034	100.1345		2.6041	1.3959
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	0	4.0304	100.0952	0	-0.0016	100.0936		2.6578	1.3422
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	0.074	3.9956	100.1084	-0.0312	-0.0025	100.0748		2.6268	1.3732
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	0.309	3.8722	100.3396	-0.1301	-0.002	100.2075		2.6781	1.3219

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	F	H2O	Total#	O=F	O=Cl	Total	Group	Si4+	Al3+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	0.191	3.9399	100.1816	-0.0804	-0.0036	100.0975		2.6406	1.3594
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	0.073	3.8959	98.7303	-0.0307	-0.0034	98.6961		2.5799	1.4201
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	0.245	3.9089	100.2304	-0.1032	-0.002	100.1252		2.6319	1.3681
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	0.008	4.5547	101.3293	-0.0034	-0.0002	101.3257		3.0381	0.9619
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	0.104	4.4309	99.8542	-0.0438	-0.0016	99.8088		3.1152	0.8848
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	0	4.4741	99.7436	0	0	99.7436		3.0902	0.9098
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	0.086	4.4634	100.1548	-0.0362	0	100.1186		3.102	0.898
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	0.029	4.4595	99.8704	-0.0122	-0.0041	99.8541		3.115	0.885
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	0.037	4.4514	99.8762	-0.0156	0	99.8606		3.1094	0.8906
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	0	4.4837	99.9718	0	-0.0007	99.9711		3.0144	0.9856
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	0.148	3.7602	100.234	-0.0623	0	100.1717		2.5884	1.4116
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	0	3.7621	98.0091	0	-0.0002	98.0089		2.5295	1.4705
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	0.085	3.7796	100.1932	-0.0358	-0.0018	100.1557		2.6162	1.3838
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	0.128	3.7632	100.2608	-0.0539	-0.0016	100.2054		2.6119	1.3881
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	0.142	3.7659	100.2725	-0.0598	-0.005	100.2077		2.6023	1.3977
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	0.176	3.6475	98.9922	-0.0741	-0.0054	98.9127		2.6208	1.3792
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	0.047	3.788	100.5335	-0.0198	-0.0005	100.5133		2.6699	1.3301
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	0.169	3.7559	100.2357	-0.0712	-0.0009	100.1637		2.6282	1.3718
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	0.149	3.7572	100.2368	-0.0627	0	100.174		2.6135	1.3865
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	0.162	3.7602	100.2558	-0.0682	-0.0014	100.1862		2.6382	1.3618
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	0.122	4.4385	99.9828	-0.0514	-0.0027	99.9288		3.075	0.925
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	0.008	4.4921	100.071	-0.0034	0	100.0676		3.0802	0.9198
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	0.155	4.3457	100.0767	-0.0653	0	100.0114		2.9477	1.0523
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	0.291	3.6669	99.2797	-0.1225	0	99.1572		2.6103	1.3897
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	0.079	3.8698	101.0506	-0.0333	0	101.0174		2.6252	1.3748
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	0.219	3.788	100.5505	-0.0922	-0.0009	100.4574		2.6686	1.3314
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	0.183	3.8032	100.1937	-0.0771	-0.0025	100.1141		2.6026	1.3974
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	0.157	3.7466	100.3392	-0.0661	0	100.2731		2.669	1.331
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	0.067	3.7953	100.2288	-0.0282	-0.0027	100.1979		2.6511	1.3489
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	0.166	3.7375	100.3805	-0.0699	-0.0025	100.3081		2.6361	1.3639
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	0.05	4.4875	100.0445	-0.0211	0	100.0235		3.0849	0.9151
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	0.015	3.8104	100.2085	-0.0063	-0.0023	100.2		2.6752	1.3248
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	0.124	3.7584	100.3671	-0.0522	-0.0011	100.3137		2.665	1.335
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	0.125	3.7652	100.2021	-0.0526	-0.0014	100.1481		2.6237	1.3763
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	0.066	4.4068	99.3655	-0.0278	0	99.3377		3.0443	0.9557
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	0	3.844	100.1618	0	-0.0005	100.1614		2.6513	1.3487
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	0.141	3.7537	100.5632	-0.0594	0	100.5038		2.6786	1.3214
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	0.098	3.77	100.2148	-0.0413	-0.0025	100.1711		2.6486	1.3514
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	0	3.8022	100.1325	0	-0.0009	100.1316		2.6367	1.3633
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	0.009	3.8048	100.1665	-0.0038	-0.0018	100.1609		2.6663	1.3337
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	0.063	4.4533	100.1152	-0.0265	-0.0034	100.0853		3.0254	0.9746
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	0	4.4692	99.9004	0	-0.0072	99.8932		3.0655	0.9345
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	0	4.4269	99.6918	0	-0.0018	99.69		3.0109	0.9891
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	0.082	3.7466	98.7473	-0.0345	-0.0009	98.7119		2.607	1.393
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	0	3.7666	98.7992	0	-0.0032	98.796		2.6437	1.3563
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	0	3.7667	98.7458	0	-0.0032	98.7427		2.5928	1.4072
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	0.108	3.6993	98.6325	-0.0455	-0.0016	98.5854		2.5956	1.4044
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	0	4.4548	100.0255	0	-0.0014	100.0241		2.9606	1.0394
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	0.097	4.4589	100.0229	-0.0408	0	99.982		3.0493	0.9507

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	F	H2O	Total#	O=F	O=Cl	Total	Group	Si4+	Al3+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	0	4.432	99.9943	0	-0.0029	99.9914		2.9775	1.0225
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	0.236	4.3787	99.9399	-0.0994	-0.0009	99.8397		3.0762	0.9238
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	0	4.4762	99.8152	0	-0.0072	99.808		3.0752	0.9248
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	0.075	4.4787	99.9151	-0.0316	0	99.8835		3.0206	0.9794
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	0.167	3.7356	100.2625	-0.0703	-0.0007	100.1915		2.5827	1.4173
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	0.084	3.7083	98.9552	-0.0354	-0.0011	98.9187		2.5892	1.4108
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	0.03	3.7824	100.2429	-0.0126	0	100.2302		2.6535	1.3465
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	0.075	4.4124	99.9947	-0.0316	-0.0023	99.9609		3.0588	0.9412
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	0	4.4752	99.9462	0	-0.0014	99.9448		3.0259	0.9741
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	0.028	4.4625	99.9705	-0.0118	-0.0002	99.9585		3.0224	0.9776
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	0	4.4795	99.9581	0	0	99.9581		3.0394	0.9606
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	0	4.2611	100.3927	0	-0.0052	100.3875		2.8804	1.1196
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	0.613	3.4991	99.7761	-0.2581	0	99.518		2.8024	1.1976
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	0.419	3.6466	100.5222	-0.1764	-0.0034	100.3423		2.7401	1.2599
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	0.511	3.5506	100.1726	-0.2152	-0.0007	99.9568		2.7862	1.2138
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	0.388	3.6761	100.5996	-0.1634	0	100.4362		2.7136	1.2864
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	0.469	3.6513	100.5891	-0.1975	-0.0002	100.3914		2.7366	1.2634
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	0.398	3.7133	100.3722	-0.1676	-0.0029	100.2017		2.7092	1.2908
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	0.123	4.4578	101.0437	-0.0518	-0.0018	100.9901		3.1405	0.8595
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	0.185	4.3605	100.0415	-0.0779	-0.0041	99.9595		3.2551	0.7449
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	0.126	4.4524	99.9609	-0.0531	-0.0011	99.9067		3.3023	0.6977
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	0.058	4.4241	100.2011	-0.0244	0	100.1767		3.2104	0.7896
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	0.39	3.5956	99.6846	-0.1642	-0.0002	99.5201		2.8287	1.1713
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	0.571	3.5876	100.4403	-0.2404	-0.0016	100.1983		2.7671	1.2329
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	0.453	3.6244	100.3892	-0.1907	0	100.1984		2.8148	1.1852
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	0.347	3.6427	100.2287	-0.1461	0	100.0826		2.7756	1.2244
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	0.308	3.716	100.3107	-0.1297	-0.0011	100.1799		2.7429	1.2571
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	0.135	4.3922	100.3889	-0.0568	-0.0005	100.3316		3.1582	0.8418
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	0.576	3.498	98.2598	-0.2425	0	98.0172		2.7846	1.2154
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	0.321	3.6462	98.4529	-0.1352	0	98.3177		2.7805	1.2195
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	0	4.5956	101.7768	0	-0.002	101.7747		3.1925	0.8075
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	0.018	4.4842	99.9822	-0.0076	-0.0032	99.9714		3.2264	0.7736
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	0.049	4.4414	99.9134	-0.0206	-0.0029	99.8899		3.1931	0.8069
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	0.127	4.3959	100.0713	-0.0535	-0.0005	100.0174		3.167	0.833
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	0.115	4.4347	100.5668	-0.0484	-0.0027	100.5157		3.1041	0.8959
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	0.076	4.3743	99.7363	-0.032	-0.0016	99.7027		3.1922	0.8078
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	0.199	4.3381	100.1891	-0.0838	0	100.1053		3.1413	0.8587
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	0.135	4.3948	100.0338	-0.0568	-0.0005	99.9765		3.2197	0.7803
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	0.108	4.33	100.0496	-0.0455	-0.0059	99.9982		2.9023	1.0977
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	0.056	4.3709	100.6159	-0.0236	-0.0016	100.5908		3.1755	0.8245
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	0.155	4.3866	100.0756	-0.0653	0	100.0103		3.1157	0.8843
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	0.137	4.3942	100.0509	-0.0577	0	99.9932		3.0189	0.9811
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	0.098	4.4245	100.0004	-0.0413	0	99.9592		3.0702	0.9298
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	0.068	4.5032	100.7822	-0.0286	0	100.7535		3.2002	0.7998
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	0.247	4.3169	100.8469	-0.104	0	100.7429		3.1601	0.8399
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	0.143	4.3991	100.5021	-0.0602	0	100.4419		3.211	0.789
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	0.095	4.3936	99.7676	-0.04	0	99.7276		3.1869	0.8131
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	0.285	3.759	100.2541	-0.12	-0.0007	100.1334		2.7128	1.2872
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	0.365	3.7317	100.3171	-0.1537	-0.0029	100.1605		2.6819	1.3181

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	F	H2O	Total#	O=F	O=Cl	Total	Group	Si4+	Al3+
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	0.409	3.7005	100.324	-0.1722	0	100.1518		2.7152	1.2848
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	0.437	3.6639	100.3118	-0.184	-0.0018	100.126		2.7793	1.2207
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	0.226	3.7821	100.311	-0.0952	-0.0005	100.2154		2.6394	1.3606
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	0.486	3.5993	100.6323	-0.2046	0	100.4276		2.8262	1.1738
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	0.472	3.6646	100.655	-0.1987	0	100.4562		2.8023	1.1977
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	0.457	3.6731	100.3565	-0.1924	0	100.164		2.7075	1.2925
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	0.45	3.6551	100.328	-0.1895	-0.002	100.1365		2.7263	1.2737
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	0.515	3.5347	98.7003	-0.2169	0	98.4834		2.7247	1.2753
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	0.476	3.6568	100.4014	-0.2004	0	100.201		2.7798	1.2202
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	0.457	3.6247	100.4049	-0.1924	-0.0007	100.2118		2.673	1.327
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	0.094	4.4255	100.1832	-0.0396	-0.0007	100.143		3.0844	0.9156
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	0.121	4.4423	100.8691	-0.0509	-0.002	100.8161		3.0997	0.9003
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	0	4.4463	99.8173	0	0	99.8173		3.1854	0.8146
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	0	4.6296	101.7827	0	0	101.7827		3.416	0.584
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	0.076	4.4137	100.5017	-0.032	-0.0036	100.4661		3.1574	0.8426
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	0.125	4.4028	99.6348	-0.0526	-0.0016	99.5806		3.1969	0.8031
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	0.038	4.4127	100.2917	-0.016	0	100.2757		3.1715	0.8285
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	0.104	4.4623	100.7953	-0.0438	0	100.7515		3.2634	0.7366
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	0.095	4.4785	101.4175	-0.04	-0.0036	101.3739		3.237	0.763
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	0.018	4.5457	100.6479	-0.0076	-0.0016	100.6387		3.0845	0.9155
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	0.018	4.4858	100.0568	-0.0076	0	100.0493		3.104	0.896
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	0.046	4.4928	100.5258	-0.0194	-0.0032	100.5033		3.0993	0.9007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	0.029	4.5221	100.7371	-0.0122	-0.002	100.7229		3.1186	0.8814
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	0.067	4.4501	100.4431	-0.0282	0	100.4149		3.0956	0.9044
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	0.09	4.6616	100.3491	-0.0379	0	100.3113		3.5075	0.4925
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	0.114	3.5945	98.3498	-0.048	-0.0072	98.2946		2.5701	1.4299
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	0.009	4.5461	99.9494	-0.0038	-0.005	99.9406		3.0682	0.9318
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	0.084	4.4644	100.1734	-0.0354	0	100.138		3.0877	0.9123
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	0.13	4.4486	100.2046	-0.0547	0	100.1498		3.1091	0.8909
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	0.027	4.4981	100.0261	-0.0114	0	100.0147		3.1178	0.8822
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	0.104	4.467	99.9392	-0.0438	0	99.8954		3.0788	0.9212
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	0.166	4.4702	101.6575	-0.0699	-0.0034	101.5842		3.1378	0.8622
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	0.017	4.5098	100.6729	-0.0072	-0.0007	100.6651		3.1608	0.8392
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	0.175	4.3866	100.4736	-0.0737	0	100.3999		3.1698	0.8302
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	0.047	4.428	99.604	-0.0198	-0.0029	99.5813		3.1784	0.8216
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	0	4.4954	100.3085	0	-0.0034	100.3051		3.1419	0.8581
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	0.229	3.509	100.115	-0.0964	-0.002	100.0165		2.7349	1.2651
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	0.146	4.5286	102.0299	-0.0615	-0.0009	101.9675		3.0507	0.9493
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	0.113	4.4747	100.3162	-0.0476	-0.0041	100.2645		3.2439	0.7561
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	0.102	4.4319	100.3709	-0.0429	0	100.3279		3.0878	0.9122
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	0	4.4879	99.7299	0	-0.0005	99.7295		3.1094	0.8906
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	0.149	4.5001	100.9558	-0.0627	-0.0018	100.8913		3.0845	0.9155
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	0.121	4.463	100.096	-0.0509	-0.002	100.0431		3.128	0.872
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	0	4.529	99.999	0	0	99.999		3.1171	0.8829
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	0.113	4.474	100.258	-0.0476	-0.0027	100.2077		3.1314	0.8686
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	0	4.5092	99.7442	0	-0.0038	99.7403		3.135	0.865
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	0.065	4.4491	100.2411	-0.0274	-0.0002	100.2135		3.049	0.951
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	0	4.47	100.24	0	-0.0023	100.2378		3.0651	0.9349
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	0	4.5235	100.3815	0	-0.0036	100.3779		3.1376	0.8624

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	F	H2O	Total#	O=F	O=Cl	Total	Group	Si4+	Al3+
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	0.037	4.4672	100.5022	-0.0156	-0.0027	100.4839		3.2016	0.7984
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	0.037	4.4162	100.6502	-0.0156	-0.0036	100.631		3.1346	0.8654
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	0.065	4.4404	100.1684	-0.0274	-0.0014	100.1396		3.2045	0.7955
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	0.233	4.3324	99.8924	-0.0981	-0.0034	99.7909		3.1621	0.8379
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	0.056	4.4723	99.9153	-0.0236	-0.0011	99.8906		3.1171	0.8829
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	0	4.4859	100.1829	0	0	100.1829		3.1248	0.8752
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	0	4.5206	100.4026	0	-0.0018	100.4008		3.1184	0.8816
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	0.105	3.6627	100.2303	-0.0442	-0.0041	100.182		2.6036	1.3964
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	0.236	3.4267	98.24	-0.0994	0	98.1406		2.5171	1.4829
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	0.17	4.4089	100.0299	-0.0716	-0.0023	99.956		3.0784	0.9216
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	0.073	4.5248	101.1434	-0.0307	-0.0034	101.1092		3.2084	0.7916
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	0	4.5102	99.9322	0	0	99.9322		3.0987	0.9013
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	0.076	4.4209	99.982	-0.032	-0.0034	99.9466		3.1163	0.8837
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	0.255	3.5894	98.3174	-0.1074	-0.0016	98.2085		2.5977	1.4023
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	0.222	3.6985	100.2895	-0.0935	-0.0047	100.1913		2.6394	1.3606
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	0.076	4.517	99.9831	-0.032	0	99.9511		3.0839	0.9161
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	0.169	4.4209	99.9249	-0.0712	0	99.8537		3.2682	0.7318
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	0.148	4.4111	100.1581	-0.0623	-0.0023	100.0935		3.2279	0.7721
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	0.11	4.3749	99.9199	-0.0463	-0.0014	99.8722		3.1466	0.8534
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	0.171	3.5225	98.3224	-0.072	-0.0041	98.2463		2.5593	1.4407
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	0.113	3.5558	98.412	-0.0476	-0.0061	98.3584		2.5184	1.4816
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	0.008	4.5453	100.5923	-0.0034	-0.0029	100.586		3.0938	0.9062
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	0.039	4.6283	100.097	-0.0164	-0.0018	100.0787		3.6923	0.3077
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	0.131	4.4011	99.7231	-0.0552	-0.0034	99.6645		3.2015	0.7985
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	0	4.5256	99.9148	0	0	99.9148		3.0829	0.9171
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	0	4.5728	99.9728	0	-0.0059	99.9669		3.0322	0.9678
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	0.057	4.4711	99.8541	-0.024	-0.0014	99.8288		3.1324	0.8676
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	0.258	3.4704	98.9178	-0.1086	-0.0016	98.8076		2.6152	1.3848
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	0.028	4.5525	100.7242	-0.0118	-0.0005	100.7119		3.1969	0.8031
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	0.112	4.4313	100.3253	-0.0472	0	100.2781		3.2086	0.7914
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	0.158	4.3626	99.6566	-0.0665	-0.0029	99.5872		3.165	0.835
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	0.14	4.3921	99.8671	-0.059	-0.0032	99.805		3.1994	0.8006
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	0.066	4.7303	101.7915	-0.0278	-0.0034	101.7604		3.9088	0.0912
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	0.182	3.5187	98.1572	-0.0766	-0.0052	98.0754		2.6052	1.3948
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	0	4.5552	100.491	0	-0.0009	100.4901		3.0934	0.9066
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	0.01	4.4639	100.0115	-0.0042	-0.005	100.0023		3.0547	0.9453
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	0.076	4.4499	99.9586	-0.032	-0.0077	99.919		3.0755	0.9245
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	0	4.4931	99.9909	0	-0.0052	99.9857		3.0605	0.9395
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	0.001	4.5114	99.9847	-0.0004	-0.0005	99.9838		3.0904	0.9096
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	0.056	4.5111	100.7306	-0.0236	-0.0016	100.7054		3.0353	0.9647
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	0	4.5181	100.3421	0	0	100.3421		3.0834	0.9166
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	0.063	4.3495	99.9801	-0.0265	-0.0244	99.9292		2.8875	1.1125
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	0	4.5509	100.226	0	-0.0025	100.2235		3.1819	0.8181
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	0.122	4.4429	100.4528	-0.0514	-0.0027	100.3987		3.194	0.806
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	0	4.475	99.856	0	-0.002	99.854		3.2134	0.7866

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Total	Group	Sn4+	Ti4+	Fe3+	Mn3+	Cr3+	Al3+	Zn2+
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	4		0	0.0183	0.0415	0	0.0063	1.8516	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	4		0	0.0204	0.0057	0	0.0055	1.8395	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	4		0	0.0194	0	0	0.0033	1.8831	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	4		0	0.0147	0	0	0.0067	1.8617	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	4		0	0.0167	0.0075	0	0.0046	1.8763	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	4		0	0.0143	0.0472	0	0.0045	1.8515	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	4		0	0.016	0.0661	0	0.005	1.7784	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	4		0	0.0186	0.018	0	0.006	1.7216	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	4		0	0.0219	0.0099	0	0.0069	1.8001	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	4		0	0.0173	0.0062	0	0.0048	1.8545	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	4		0	0.0209	0.0095	0	0.0072	1.8181	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	4		0	0.0134	0.0117	0	0.0078	1.7099	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	4		0.0009	0.0208	0.0496	0.0014	0.0087	1.6744	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	4		0	0.0065	0.0251	0	0.0043	1.8171	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	4		0	0.0197	0.0082	0	0.0084	1.8013	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	4		0	0.0145	0.0202	0	0.0056	1.7801	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	4		0	0.0179	0.0087	0	0.0057	1.8581	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	4		0	0.0179	0	0	0.0068	1.7867	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	4		0	0.0134	0.0123	0	0.0029	1.7665	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	4		0.0003	0.0187	0.0538	0	0.0034	1.8083	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	4		0	0.0162	0.0158	0	0.0048	1.7675	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	4		0	0.0154	0.0161	0	0.0038	1.8211	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	4		0	0.0146	0	0	0.0032	1.901	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	4		0	0.0248	0	0	0.0044	1.8036	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	4		0	0.0207	0	0	0.006	1.8466	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	4		0	0.0798	0.4279	0	0.0068	0.3426	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	4		0	0.0175	0.0514	0	0.0034	1.8032	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	4		0	0.0151	0.0529	0	0.0052	1.767	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	4		0	0.0158	0.0555	0	0.0058	1.7813	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	4		0	0.0177	0.0547	0	0.0019	1.7973	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	4		0	0.0299	0.0757	0.002	0.0046	1.7222	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	4		0	0.0219	0.0165	0	0.0032	1.7709	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	4		0.0012	0.0126	0.0463	0	0.0027	1.8381	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	4		0	0.0128	0	0	0.0008	1.8541	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	4		0	0.0133	0	0	0.0032	1.8342	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	4		0	0.0159	0	0	0.0034	1.8064	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	4		0	0.0094	0	0	0.004	1.8261	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	4		0	0.0121	0.0198	0	0.0126	1.9174	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	4		0	0.0079	0.0015	0	0.0029	1.8769	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	4		0	0.0036	0.0033	0	0.007	1.8127	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	4		0.0014	0.0066	0.034	0.0004	0.0038	1.7682	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	4		0	0.006	0.0104	0	0.0041	1.8772	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	4		0	0.0033	0.5165	0	0.0037	0.4974	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	4		0	0.0033	0.5425	0	0.0036	0.4589	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	4		0	0.0147	0.5082	0	0.0012	0.4204	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	4		0	0.0145	0.5267	0	0.0046	0.448	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	4		0	0.0172	0.5436	0	0.0053	0.4865	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	4		0	0.0071	0.5647	0	0.0029	0.5102	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	4		0	0.0104	0.4809	0	0.0032	0.5093	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Total	Group	Sn4+	Ti4+	Fe3+	Mn3+	Cr3+	Al3+	Zn2+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	4		0	0.0085	0.5422	0	0.003	0.4804	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	4		0	0.0211	0.5167	0	0.0033	0.4836	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	4		0	0.0147	0.531	0	0.0064	0.4616	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	4		0	0	0.2976	0.0001	0.0041	1.4058	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	4		0	0	0.1522	0	0.0028	1.481	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	4		0	0.0001	0.1346	0	0.0029	1.4808	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	4		0	0	0.2909	0	0.0009	1.4834	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	4		0	0	0.1571	0	0.0014	1.4867	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	4		0	0.0006	0.1619	0	0.0023	1.4922	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	4		0	0	0.3066	0	0.0035	1.3404	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	4		0	0.0886	0.4795	0	0.0037	0.3688	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	4		0	0.0792	0.4415	0	0.0056	0.3658	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	4		0	0.0904	0.4752	0	0.0059	0.3699	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	4		0	0.0934	0.4438	0	0.0118	0.3164	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	4		0	0.0859	0.4491	0	0.009	0.3224	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	4		0	0.0995	0.4407	0	0.0079	0.3613	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	4		0	0.0976	0.3798	0	0.0098	0.4071	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	4		0	0.0891	0.4696	0	0.0083	0.3643	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	4		0	0.092	0.4677	0	0.007	0.3569	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	4		0	0.0878	0.4578	0	0.0068	0.3479	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	4		0	0.0001	0.2916	0	0.0037	1.4744	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	4		0	0	0.2715	0	0.0027	1.4683	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	4		0	0	0.2277	0	0.0018	1.2658	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	4		0	0.0818	0.445	0	0.0124	0.3557	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	4		0	0.0624	0.3449	0	0.0098	0.4359	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	4		0	0.0643	0.3569	0	0.0095	0.4773	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	4		0	0.0586	0.5132	0	0.0077	0.4268	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	4		0	0.0902	0.3852	0	0.0043	0.4183	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	4		0	0.0865	0.4545	0	0.0071	0.4113	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	4		0	0.0914	0.3889	0	0.0059	0.4104	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	4		0	0	0.3199	0	0.0028	1.3085	0.0046
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	4		0	0.0926	0.4291	0	0.0208	0.4265	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	4		0	0.0929	0.4011	0	0.0212	0.4378	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	4		0	0.0931	0.4853	0	0.0226	0.3884	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	4		0	0	0.0295	0	0.0035	1.2601	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	4		0	0.0821	0.474	0	0.0072	0.4184	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	4		0	0.0952	0.3492	0	0.0093	0.4477	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	4		0	0.0917	0.4539	0	0.0098	0.4161	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	4		0	0.0951	0.4758	0	0.0112	0.3767	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	4		0	0.0961	0.4709	0	0.0063	0.4167	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	4		0	0	0.3655	0.0032	0.0023	1.4041	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	4		0	0.0005	0.1556	0	0.0046	1.45	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	4		0	0.0006	0.0927	0	0.0035	1.3075	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	4		0	0.0786	0.4529	0	0.008	0.3855	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	4		0	0.0962	0.462	0	0.0076	0.4088	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	4		0	0.09	0.4599	0	0.0061	0.3917	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	4		0	0.0961	0.4623	0	0.0072	0.4029	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	4		0	0	0.192	0	0.0008	1.2663	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	4		0.0001	0.0033	0.1809	0	0.0049	1.5265	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Total	Group	Sn4+	Ti4+	Fe3+	Mn3+	Cr3+	Al3+	Zn2+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	4		0	0	0.2039	0	0.0042	1.1985	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	4		0	0	0.1426	0	0.0018	1.4569	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	4		0	0	0.129	0	0.0023	1.4277	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	4		0	0	0.1437	0	0.0018	1.4685	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	4		0	0.0948	0.4567	0	0.0071	0.3291	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	4		0	0.0986	0.4431	0	0.0064	0.3548	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	4		0	0.101	0.4236	0	0.0081	0.4056	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	4		0	0.0205	0.1811	0	0.003	1.5069	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	4		0	0.0001	0.3214	0	0.0016	1.3842	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	4		0	0	0.2271	0	0.0017	1.4383	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	4		0	0.0008	0.2307	0	0.0022	1.4467	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	4		0	0.0303	0.5995	0	0.0049	1.0093	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	4		0	0.0871	0	0	0.0043	0.4336	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	4		0	0.0864	0.3597	0	0.0031	0.366	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	4		0	0.0867	0	0	0.0041	0.4204	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	4		0	0.0807	0.3466	0	0.0052	0.3669	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	4		0	0.078	0.353	0	0.0058	0.3425	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	4		0	0.0711	0.43	0	0.0053	0.4343	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	4		0	0.017	0.193	0.0045	0.0029	1.6518	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	4		0	0.014	0	0	0.0022	1.7142	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	4		0	0.0105	0.0916	0.0036	0.0013	1.6985	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	4		0	0.0173	0	0	0.0018	1.7156	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	4		0	0.0925	0	0	0.0062	0.4266	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	4		0	0.0857	0.3784	0	0.0043	0.3583	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	4		0	0.0914	0.3562	0	0.0046	0.3292	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	4		0	0.0829	0	0	0.0059	0.4549	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	4		0	0.0832	0.4047	0	0.0035	0.3543	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	4		0	0.0137	0.1557	0.0042	0.0036	1.6039	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	4		0	0.0821	0.3463	0	0.0051	0.2786	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	4		0	0.083	0.3822	0	0.0074	0.3325	0.0046
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	4		0	0.0206	0.0484	0	0.006	1.837	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	4		0	0.0205	0.0142	0	0.0013	1.7043	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	4		0	0.0192	0	0	0.002	1.8307	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	4		0	0.031	0.0175	0	0.0056	1.6829	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	4		0	0.0075	0.1841	0.003	0.0012	1.5965	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	4		0	0.0103	0	0	0.0043	1.6686	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	4		0	0.008	0	0	0.0057	1.6762	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	4		0	0.0116	0	0	0.0033	1.7387	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	4		0	0.0114	0.4306	0	0.0026	1.22	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	4		0	0.0164	0	0	0.0028	1.5648	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	4		0.0007	0.0283	0.027	0	0.0043	1.8069	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	4		0	0.0337	0.0101	0	0.006	1.7574	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	4		0	0.0301	0.0111	0	0.0056	1.8013	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	4		0.0005	0.019	0	0	0.0037	1.8435	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	4		0	0.0169	0	0	0.0046	1.6197	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	4		0	0.0097	0	0	0.0004	1.7006	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	4		0	0.0115	0	0	0.0039	1.7277	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	4		0	0.0722	0.4509	0	0.0046	0.3581	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	4		0	0.0656	0.4486	0	0.0082	0.3456	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Total	Group	Sn4+	Ti4+	Fe3+	Mn3+	Cr3+	Al3+	Zn2+
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	4		0	0.073	0.433	0	0.0075	0.3298	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	4		0	0.0817	0.4264	0	0.0061	0.3376	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	4		0	0.0726	0.4235	0	0.0053	0.2902	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	4		0	0.0835	0	0	0.0059	0.4405	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	4		0	0.0788	0.311	0	0.006	0.3945	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	4		0	0.0761	0.4337	0	0.0079	0.3286	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	4		0	0.0803	0.4339	0	0.0064	0.3344	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	4		0	0.093	0.4117	0	0.0072	0.36	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	4		0	0.0877	0.3937	0	0.0068	0.2838	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	4		0	0.0918	0.4121	0	0.0069	0.2814	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	4		0	0.0051	0.4173	0	0.0015	1.4581	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	4		0	0.011	0.2057	0.0039	0.0032	1.6374	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	4		0	0.0082	0	0	0.0031	1.7081	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	4		0	0.0049	0.174	0	0.0025	1.6247	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	4		0	0.0085	0	0	0.0022	1.6966	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	4		0	0.0151	0	0	0.0038	1.7936	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	4		0	0.0119	0	0	0.0046	1.6489	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	4		0	0.0198	0	0	0.0039	1.77	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	4		0	0.0333	0	0	0.0038	1.834	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	4		0	0.0239	0.0441	0	0.0055	1.9057	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	4		0.0007	0.017	0	0	0.006	1.8872	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	4		0	0.0143	0	0	0.003	1.8947	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	4		0	0.0142	0	0	0.0048	1.8952	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	4		0	0.0249	0	0	0.0022	1.8804	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	4		0	0.0077	0.2449	0	0	0.9667	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	4		0	0.1309	0.4025	0	0.0164	0.2971	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	4		0	0.004	0.0099	0	0.0037	1.8565	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	4		0	0.0121	0	0	0.002	1.906	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	4		0.0004	0.0139	0	0	0.0033	1.9006	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	4		0	0.0132	0	0	0.0014	1.9009	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	4		0.0022	0.0077	0.0032	0	0.0029	1.8505	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	4		0	0.0054	0.2233	0.0004	0.0017	1.6139	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	4		0.0001	0.0055	0.1905	0.0024	0.0023	1.6449	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	4		0	0.0066	0	0	0.0035	1.7128	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	4		0	0.0041	0	0	0.0027	1.7295	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	4		0.0002	0.0056	0.1572	0	0.0033	1.6426	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	4		0	0.1562	0	0	0.0187	0.4353	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	4		0	0.0194	0.0431	0	0.0044	1.8977	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	4		0	0.0045	0.085	0	0.0031	1.6863	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	4		0	0.0248	0	0	0.0032	1.8891	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	4		0.0003	0.0129	0	0	0.0033	1.8926	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	4		0	0.0173	0.0337	0	0.0044	1.9179	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	4		0	0.0131	0	0	0.0014	1.9127	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	4		0	0.0088	0	0	0.0026	1.9205	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	4		0	0.0123	0	0	0.0029	1.9133	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	4		0	0.0117	0	0	0.0027	1.9077	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	4		0	0.0207	0	0	0.0009	1.9042	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	4		0	0.0234	0	0	0.0037	1.8935	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	4		0	0.0065	0.1716	0	0.0006	1.6395	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Total	Group	Sn4+	Ti4+	Fe3+	Mn3+	Cr3+	Al3+	Zn2+
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	4		0	0.0083	0	0	0.002	1.7056	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	4		0	0.0072	0	0	0	1.6226	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	4		0	0.0091	0	0	0.0039	1.742	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	4		0	0.0097	0	0	0.0041	1.7459	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	4		0	0.0153	0	0	0.0044	1.8992	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	4		0	0.0213	0	0	0.0051	1.881	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	4		0	0.0152	0	0	0.0063	1.8963	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	4		0	0.1407	0.4374	0	0.0222	0.3027	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	4		0	0.1686	0.3802	0	0.0212	0.2389	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	4		0	0.0106	0	0	0.0029	1.9098	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	4		0	0.0037	0.1374	0	0.0022	1.6221	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	4		0	0.0096	0	0	0.0012	1.9099	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	4		0	0.0264	0.0149	0	0.0044	1.8142	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	4		0	0.1155	0.4219	0	0.0202	0.346	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	4		0	0.1107	0.4444	0	0.0178	0.3259	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	4		0	0.0032	0.0215	0	0.0029	1.9231	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	4		0	0.0075	0	0	0.0033	1.7665	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	4		0	0.0045	0	0	0.0045	1.7029	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	4		0	0.007	0	0	0.0026	1.6884	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	4		0	0.1442	0.3839	0	0.0166	0.2591	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	4		0	0.158	0.4022	0	0.0141	0.2747	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	4		0	0.0116	0	0	0.0028	1.9193	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	4		0	0.0063	0.0146	0	0.0038	1.5749	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	4		0.0003	0.0071	0	0	0.0045	1.7464	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	4		0	0.0064	0.0084	0	0.0022	1.8632	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	4		0	0.0044	0.005	0	0.004	1.818	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	4		0	0.0147	0	0	0.0026	1.8965	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	4		0	0.1704	0.4152	0	0.0137	0.318	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	4		0	0.0068	0.1102	0	0.0018	1.7369	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	4		0	0.0111	0	0	0.0029	1.7557	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	4		0.0023	0.0065	0	0	0.005	1.7199	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	4		0	0.0059	0	0	0.0039	1.7168	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	4		0	0.0047	0.0915	0.0021	0.0021	1.5491	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	4		0	0.1576	0.4002	0	0.0214	0.3133	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	4		0	0.0154	0.0374	0.0015	0.0021	1.9048	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	4		0	0.0234	0.0246	0	0.004	1.8383	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	4		0	0.017	0.0066	0	0.0022	1.8325	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	4		0	0.0163	0.0188	0	0.0041	1.8239	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	4		0	0.0134	0.0116	0	0.0033	1.7768	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	4		0	0.0209	0.0432	0.0001	0.0014	1.9088	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	4		0	0.0172	0	0	0.003	1.9161	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	4		0	0.01	0.3343	0	0.0034	1.4998	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	4		0	0.007	0.1495	0	0.002	1.6411	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	4		0	0.0076	0.1919	0.0011	0.0034	1.6489	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	4		0	0.0076	0	0	0.0047	1.7603	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Fe2+	Mn2+	Mg2+	Li+	Total	Group	Ba2+	Ca2+	Cs+
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	0.0054	0	0.0766	0.0748	2.0745		0.0062	0.0024	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	0.0371	0	0.0572	0.2041	2.1695		0.0094	0.0016	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	0.0439	0.0012	0.0626	0	2.0136		0.0087	0.0029	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	0.0485	0.0012	0.075	0	2.008		0.0068	0.0005	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	0.0322	0	0.0461	0.1288	2.1122		0.0056	0.0021	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	0.0069	0	0.0898	0.0589	2.0731		0.0034	0.0006	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	0	0	0.1026	0.1084	2.0765		0.0058	0.001	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	0.0574	0	0.0633	0.3722	2.2571		0.008	0.0009	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	0.0414	0.0004	0.0858	0.1866	2.1531		0.0046	0.003	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	0.0296	0.0026	0.0686	0.1154	2.0989		0.0054	0.0012	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	0.0409	0	0.0625	0.3061	2.2651		0.0097	0.0085	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	0.0409	0	0.0855	0.5461	2.4152		0.0044	0.0023	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	0	0	0.0745	0.6259	2.4561		0.0101	0.0092	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	0.0328	0	0.1079	0.1208	2.1145		0.0042	0.0008	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	0.0396	0.0002	0.0743	0.2219	2.1738		0.0075	0.0024	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	0.1058	0	0.0692	0.1962	2.1915		0.011	0.0048	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	0.0315	0	0.0605	0.1849	2.1674		0.0075	0.0017	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	0.073	0.0006	0.0797	0	1.9647		0.0056	0.0274	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	0.0416	0.0011	0.0861	0.3731	2.2968		0.004	0.0019	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	0.0133	0.0009	0.1079	0.0575	2.0641		0.0064	0.0047	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	0.0475	0	0.0837	0.258	2.1935		0.0068	0.0074	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	0.0317	0	0.0799	0.1735	2.1415		0.0064	0.0071	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	0.0398	0	0.0499	0	2.0086		0.0075	0.001	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	0.0907	0	0.1084	0	2.0318		0.0054	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	0.0556	0.0004	0.0859	0	2.0153		0.006	0.0037	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	1.0118	0.0132	1.0688	0	2.9509		0.0009	0.0018	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	0.0106	0.001	0.1042	0.0561	2.0475		0.0066	0.0001	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	0.0118	0.001	0.1275	0.0531	2.0335		0.0063	0.0006	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	0.0255	0.0013	0.1263	0.0502	2.0617		0.0076	0.0018	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	0.0145	0.0004	0.1085	0.0181	2.013		0.0071	0.0005	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	0	0	0.1523	0.0305	2.0171		0.0056	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	0.0481	0.0004	0.0951	0.1916	2.1479		0.0042	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	0.0051	0	0.0846	0.0566	2.0472		0.0046	0.0008	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	0.0509	0	0.0939	0	2.0125		0.0035	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	0.0571	0	0.0966	0	2.0044		0.0061	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	0.0877	0	0.1164	0	2.0298		0.0053	0	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	0.0644	0	0.1078	0	2.0119		0.0037	0.0013	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	0.0224	0.0023	0.0517	0.0459	2.0842		0.0073	0.0034	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	0.0328	0	0.0519	0.1371	2.1109		0.0033	0.0015	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	0.0346	0	0.0559	0.341	2.258		0.0023	0.0018	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	0	0	0.0578	0.1237	1.9959		0.0027	0.0028	0
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	0.0327	0	0.0507	0.1036	2.0847		0.0058	0.0002	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	0.7495	0.0044	0.9521	0.0209	2.7478		0.002	0.0036	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	0.7608	0.0027	0.9282	0.2541	2.954		0.0043	0.0023	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	0.7547	0.0016	0.8964	0.4393	3.0364		0.0048	0.0092	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	0.8002	0.0029	0.9407	0.1866	2.9242		0.003	0.0033	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	0.7196	0.0043	0.9093	0.126	2.8118		0.0035	0.0011	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	0.7165	0.0031	0.8968	0.0548	2.7561		0.0028	0.0033	0.0016
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	0.8141	0.0035	0.919	0.0051	2.7457		0.0029	0.004	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Fe2+	Mn2+	Mg2+	Li+	Total	Group	Ba2+	Ca2+	Cs+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	0.7311	0.005	0.9197	0.1125	2.8024		0.0033	0.0032	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	0.8643	0.0037	0.9485	0	2.8412		0.0028	0.0026	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	0.725	0.004	0.9175	0.2021	2.8623		0.0035	0.0028	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	0	0	0.411	0.2859	2.4045		0.0058	0.0024	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	0.1131	0	0.4286	0.1365	2.3142		0.0056	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	0.1423	0.0024	0.3854	0.2377	2.3862		0.0052	0.0006	0.0009
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	0.0056	0.0024	0.3797	0.0641	2.2271		0.0042	0.001	0.0011
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	0.1483	0.0011	0.3216	0.257	2.3733		0.0081	0.0014	0.0001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	0.1294	0	0.3503	0.18	2.3167		0.0084	0.0009	0.0005
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	0.027	0.0046	0.427	0.3992	2.5083		0.0057	0.0011	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	0.8885	0.001	0.9057	0.196	2.9317		0.0028	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	1.0338	0.0043	1.0544	0	2.9846		0.0045	0.0013	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	0.8968	0.0046	0.9024	0.1401	2.8853		0.0043	0.0024	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	0.9271	0.0041	0.932	0.2923	3.0209		0.0026	0.0044	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	0.9248	0.0063	0.9257	0.3083	3.0314		0.0042	0.0027	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	1.0071	0.0057	0.9355	0	2.8578		0.0024	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	0.9992	0.0028	0.906	0.0108	2.8131		0.0021	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	0.8759	0.0054	0.9169	0.1812	2.9106		0.0032	0.0047	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	0.8896	0.0033	0.9129	0.2074	2.9368		0.0047	0.0033	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	0.8887	0.0025	0.8811	0.2791	2.9518		0.0018	0.0059	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	0.0365	0.0017	0.4053	0.0551	2.2685		0.0033	0.0026	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	0.0071	0.0022	0.4195	0.0767	2.2479		0.0037	0.0006	0.0008
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	0.2487	0.0024	0.5345	0.3144	2.5953		0.0033	0.0028	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	0.9774	0.0061	1.0262	0	2.9045		0.0015	0.001	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	1.118	0.0034	0.9434	0.0138	2.9315		0.0042	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	0.9575	0.0048	0.9163	0.016	2.8024		0.0038	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	0.8319	0.0042	0.9287	0.029	2.8001		0.0057	0.0006	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	0.9974	0.0017	0.9106	0.013	2.8207		0.0028	0.0009	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	0.9135	0.0059	0.9002	0.0083	2.7872		0.0024	0.0029	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	0.9931	0.0034	0.9406	0.0096	2.8434		0.003	0.0019	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	0.0813	0.0045	0.4869	0.2938	2.5023		0.0037	0.0027	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	0.93	0	0.8523	0.0202	2.7715		0.0018	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	0.9587	0.0003	0.857	0.0022	2.7713		0.0027	0.0015	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	0.8724	0.0013	0.8574	0.1467	2.8672		0.0043	0.0015	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	0.3707	0.0047	0.5297	0.6438	2.842		0.0014	0.0016	0.001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	0.8811	0.0057	0.8961	0.0144	2.779		0.0013	0.0001	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	1.0038	0.0018	0.8815	0.0088	2.7973		0.0024	0.0005	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	0.9052	0.0069	0.8779	0.0214	2.783		0.0018	0.0025	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	0.9324	0.003	0.8843	0.0464	2.8249		0.0011	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	0.9057	0.0082	0.856	0.0131	2.7732		0.002	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	0	0	0.4645	0.0366	2.2762		0.0016	0.0003	0.0004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	0.1417	0.0007	0.4143	0.2407	2.408		0	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	0.3432	0.0013	0.4915	0.4506	2.6909		0.0012	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	0.9978	0.0057	0.9525	0	2.881		0.0016	0.0018	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	0.9334	0.01	0.9131	0	2.831		0.0008	0.003	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	0.9683	0.0048	0.9599	0	2.8806		0.0027	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	0.9396	0.0044	0.9395	0	2.8521		0.0026	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	0.3071	0	0.5315	0.4288	2.7265		0.0012	0.0043	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	0.0678	0.0005	0.2855	0.3259	2.3953		0.0053	0.0022	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Fe2+	Mn2+	Mg2+	Li+	Total	Group	Ba2+	Ca2+	Cs+
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	0.3067	0.0009	0.5214	0.5208	2.7563		0.0011	0.0029	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	0.1403	0.0019	0.3657	0.3785	2.4877		0.0037	0.0012	0.0007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	0.1372	0	0.3651	0.4706	2.532		0.0023	0.0017	0.0004
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	0.1434	0.0001	0.318	0.5437	2.6193		0.0057	0.0088	0.0006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	0.949	0.0067	0.9438	0.2154	3.0027		0	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	1.0282	0.0064	0.9793	0	2.9168		0.0015	0.002	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	0.9516	0.0063	0.8965	0.0101	2.8028		0.0031	0.0002	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	0.1149	0.0023	0.3721	0.1444	2.3453		0.0057	0.0019	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	0.0796	0.0009	0.3516	0.3105	2.4499		0.0058	0.0035	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	0.0886	0.0053	0.3762	0.2873	2.4245		0.0035	0.0009	0.0003
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	0.0922	0.0034	0.3561	0.2856	2.4177		0.0054	0.0022	0.0007
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	0.1699	0.0036	0.5771	0.0193	2.4139		0.0042	0.0016	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	1.1966	0.0347	1.1355	0	2.8918		0.0036	0.0011	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	0.869	0.0357	1.079	0.0006	2.7995		0.004	0.0013	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	1.2309	0.0376	1.1252	0	2.905		0.0036	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	0.8735	0.0388	1.0919	0.0172	2.8208		0.0043	0.0014	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	0.8652	0.0372	1.1497	0	2.8312		0.0045	0.0016	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	0.7437	0.0335	1.035	0.0151	2.768		0.0075	0.0034	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	0	0	0.2189	0.0051	2.0932		0.0085	0.0026	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	0.1274	0.002	0.1673	0	2.0271		0.007	0.0033	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	0	0	0.1655	0.0571	2.0281		0.0092	0.0013	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	0.1601	0.0054	0.1698	0	2.07		0.0094	0.0014	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	1.1886	0.0349	1.1243	0	2.8732		0.0059	0.0064	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	0.8154	0.0297	1.0982	0.0186	2.7887		0.0037	0.001	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	0.8235	0.0328	1.105	0.0157	2.7584		0.0039	0.0018	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	1.2431	0.0383	1.0735	0	2.8985		0.004	0.0004	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	0.7666	0.0363	1.1081	0.0154	2.772		0.0038	0.0033	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	0	0	0.1919	0.1596	2.1327		0.0248	0.0015	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	0.876	0.0294	1.2179	0	2.8355		0.0039	0.0012	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	0.788	0.0341	1.1563	0	2.7882		0.0053	0.0024	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	0.0078	0	0.0769	0.0572	2.0539		0.0128	0.0003	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	0.0448	0.0004	0.1313	0.2299	2.1467		0.0066	0.0096	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	0.0532	0.0006	0.0734	0	1.9792		0.0133	0.0006	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	0.0448	0.0029	0.1111	0.3522	2.2479		0.011	0	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	0	0	0.1945	0.2092	2.196		0.0064	0.0012	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	0.194	0.0066	0.1932	0	2.0771		0.0072	0.0025	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	0.2059	0.0069	0.2126	0	2.1153		0.0074	0.0012	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	0.1422	0.0026	0.1438	0	2.0421		0.006	0.0027	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	0.0997	0.0207	0.5041	0.2193	2.5084		0.0043	0.0031	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	0.2999	0.0094	0.2641	0	2.1575		0.0055	0.0035	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	0.0299	0.0016	0.0718	0.1367	2.1072		0.0181	0.0021	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	0.0396	0	0.0614	0.4606	2.3687		0.0192	0.0033	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	0.0422	0	0.069	0.2833	2.2426		0.0222	0.004	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	0.0502	0.0013	0.0828	0	2.001		0.0129	0.0022	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	0.2153	0.0076	0.2681	0	2.1323		0.0071	0.0022	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	0.1588	0.0045	0.1858	0	2.0598		0.0071	0.003	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	0.1477	0.005	0.1681	0	2.0639		0.0072	0.0024	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	0.7133	0.0307	1.0925	0.0854	2.8078		0.0036	0.0001	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	0.7259	0.0343	1.0831	0.1726	2.884		0.0062	0.0009	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Fe2+	Mn2+	Mg2+	Li+	Total	Group	Ba2+	Ca2+	Cs+
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	0.7449	0.0343	1.1181	0.1248	2.8655		0.0042	0.0001	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	0.7324	0.0318	1.0899	0.0691	2.775		0.0026	0.0016	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	0.7951	0.035	1.097	0.3155	3.0341		0.005	0.0016	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	1.2079	0.0363	1.0997	0	2.8739		0.0049	0.0049	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	0.8668	0.0311	1.0854	0.0103	2.7837		0.0031	0.0031	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	0.7273	0.0353	1.0923	0.1803	2.8815		0.0021	0.0022	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	0.7526	0.0322	1.1089	0.0646	2.8132		0.0041	0.0021	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	0.8145	0.0305	1.0825	0	2.7994		0.0043	0.0024	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	0.7465	0.0337	1.0689	0.3562	2.9773		0.0024	0.0017	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	0.7793	0.0384	1.064	0.3139	2.9878		0.0038	0.0012	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	0.0026	0.0138	0.2455	0.0517	2.1957		0.006	0.001	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	0	0	0.2168	0.0246	2.1027		0.0091	0.0021	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	0.1523	0.0049	0.2021	0	2.0787		0.0111	0.0012	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	0.0129	0.0062	0.1659	0.0261	2.0173		0.0091	0.0015	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	0.1931	0.0064	0.1869	0	2.0936		0.0084	0.0004	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	0.0641	0.0024	0.1342	0	2.0132		0.0091	0.0007	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	0.2043	0.0056	0.2268	0	2.1023		0.0074	0.0022	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	0.0691	0.0036	0.1321	0	1.9984		0.0108	0.0022	0
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	0.0463	0.0005	0.0624	0	1.9803		0.013	0.0085	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	0.0024	0.0001	0.0519	0.0609	2.0944		0.0019	0.001	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	0.0486	0.0003	0.0579	0	2.0177		0.0035	0.0004	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	0.0437	0.0009	0.0512	0	2.0078		0.0034	0.0011	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	0.0418	0.0015	0.0473	0	2.0048		0.0007	0.0006	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	0.0488	0.0026	0.0494	0	2.0084		0.0045	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	0	0	0.0106	1.7802	3.0101		0	0.0329	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	1.0464	0.0026	1.0622	0	2.9581		0.0018	0.0039	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	0.0413	0.0008	0.0639	0.2507	2.2308		0.0045	0.0023	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	0.0403	0	0.0523	0	2.0127		0.0086	0.0016	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	0.0398	0	0.0529	0	2.0109		0.0034	0.0005	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	0.0427	0	0.0534	0	2.0115		0.0022	0.0019	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	0.0352	0	0.0514	0.1973	2.1502		0.003	0.0014	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	0	0	0.2225	0.0292	2.0964		0.0049	0.0027	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	0	0	0.2122	0	2.0578		0.0044	0.0056	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	0.1733	0.0022	0.1834	0	2.0818		0.0035	0.0017	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	0.1573	0.0015	0.1853	0	2.0804		0.0048	0.0027	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	0	0	0.1768	0.1505	2.1363		0.0049	0.0027	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	1.3723	0.0049	0.888	0	2.8755		0.0026	0.0025	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	0.0025	0	0.0584	0.0625	2.0879		0.0059	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	0.0303	0	0.2104	0.06	2.0796		0.0054	0.0069	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	0.0453	0.0022	0.046	0	2.0106		0.0052	0.0001	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	0.0424	0	0.0524	0	2.004		0.0028	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	0	0	0.0485	0.053	2.0747		0.0047	0.0017	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	0.0386	0	0.0504	0	2.0161		0.0052	0.0021	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	0.0375	0	0.0463	0	2.0156		0.0057	0.0022	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	0.0357	0.0008	0.0434	0	2.0084		0.0052	0.0031	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	0.0422	0	0.0526	0	2.0169		0.0032	0.0011	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	0.0468	0	0.0513	0	2.0239		0.0077	0.0015	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	0.0459	0	0.0476	0	2.0141		0.0089	0.0021	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	0	0	0.2265	0.1401	2.1849		0.0099	0.0042	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Fe2+	Mn2+	Mg2+	Li+	Total	Group	Ba2+	Ca2+	Cs+
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	0.1749	0.0008	0.2029	0	2.0945		0.0053	0.0028	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	0.2728	0.0016	0.2547	0	2.1589		0.007	0.0029	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	0.1404	0.0002	0.1601	0	2.0556		0.0101	0.0018	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	0.1461	0.0001	0.1646	0	2.0705		0.0083	0.0022	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	0.0374	0	0.0502	0	2.0064		0.0027	0.0012	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	0.0382	0	0.0522	0	1.9979		0.0048	0.0016	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	0.0363	0.0025	0.0498	0	2.0065		0.0028	0.0003	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	0.9657	0.0046	0.948	0.1324	2.9537		0.0025	0.0035	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	1.1323	0.0071	1.0408	0	2.989		0.0019	0.0024	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	0.0401	0.0009	0.0475	0	2.012		0.0148	0.0001	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	0.0295	0	0.2704	0.0595	2.1248		0.0061	0.0059	0.0009
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	0.0532	0	0.0546	0	2.0286		0.01	0.0024	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	0.0314	0	0.0742	0.1332	2.0986		0.0094	0.0004	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	0.9678	0.0021	1.0509	0	2.9242		0.0024	0.0068	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	0.8771	0.0055	0.9521	0.2566	2.99		0.0015	0.0045	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	0.0228	0.0008	0.0503	0.0425	2.067		0.001	0.0004	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	0.0909	0.002	0.15	0	2.0201		0.005	0.006	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	0.1635	0	0.2026	0	2.078		0.0041	0.0049	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	0.2031	0	0.2013	0	2.1023		0.0044	0.0017	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	1.1373	0.0045	1.0522	0	2.9977		0.0034	0.0052	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	1.0683	0.0083	1.111	0	3.0367		0.0014	0.0111	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	0.0482	0	0.06	0	2.042		0.002	0.0018	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	0.0604	0.0004	0.1116	0.4588	2.2308		0.0035	0.0042	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	0.1193	0.0016	0.1768	0	2.0561		0.0049	0.0029	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	0.032	0	0.0572	0.1637	2.1331		0.0038	0.0005	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	0.0358	0	0.051	0.497	2.4152		0.0042	0.001	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	0.039	0.0006	0.0533	0	2.0068		0.0034	0	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	0.9617	0.0057	0.9558	0	2.8405		0.0014	0.0055	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	0.0205	0	0.176	0.0338	2.086		0.0057	0.009	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	0.1109	0	0.1538	0	2.0345		0.0046	0.0019	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	0.1538	0.0007	0.1909	0	2.0791		0.0044	0.0034	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	0.1675	0.0011	0.1873	0	2.0826		0.0057	0.0046	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	0	0	0.1292	0.231	2.0095		0.002	0.0029	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	0.999	0.0045	1.0167	0	2.9127		0.0004	0.0138	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	0	0	0.0504	0.0566	2.0683		0.0033	0.0027	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	0.0315	0	0.0489	0.1561	2.1268		0.0044	0.0018	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	0.0381	0.0001	0.0513	0.2179	2.1658		0.0046	0.0006	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	0.0665	0	0.0487	0.2212	2.1994		0.0039	0.0021	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	0.0424	0	0.0436	0.3792	2.2703		0.0035	0.0023	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	0	0.0027	0.0531	0.0634	2.0937		0.0083	0.0011	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	0.0341	0.0004	0.0503	0	2.0212		0.0046	0.0011	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	0.0786	0.0011	0.0524	0.4509	2.4305		0.0038	0.0052	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	0	0	0.3328	0.0263	2.1587		0.0051	0.0037	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	0	0	0.1662	0.0231	2.0421		0.0059	0.0114	0
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	0.1147	0.0007	0.1515	0	2.0395		0.0062	0.0043	0

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Rb+	K+	Na+	Total	Group	OH-	Cl-	F-	O2-
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	1	0	0.724	0.0861	0.8187		1.9558	0.0022	0.0237	0.0183
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	2	0	0.7511	0.1709	0.9329		1.9649	0.0006	0.0142	0.0204
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	3	0	0.7617	0.1254	0.8987		1.92	0	0.0606	0.0194
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	4	0	0.7759	0.1092	0.8923		1.9704	0.0009	0.0139	0.0147
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_1_mica	5	0	0.7575	0.1522	0.9174		1.9573	0.0001	0.0258	0.0167
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	1	0	0.7319	0.0991	0.835		1.9594	0.0006	0.0257	0.0143
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	2	0	0.7896	0.1243	0.9206		1.9658	0	0.0182	0.016
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	3	0	0.7721	0.1439	0.9248		1.9799	0	0.0015	0.0186
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	4	0	0.7647	0.1139	0.8862		1.9503	0.0011	0.0266	0.0219
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_2_mica	5	0	0.7642	0.1347	0.9055		1.9748	0	0.0079	0.0173
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	1	0	0.6975	0.1165	0.8322		1.9609	0.0008	0.0174	0.0209
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	2	0	0.7646	0.105	0.8763		1.9847	0.0019	0	0.0134
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	3	0	0.7536	0.1131	0.8859		1.9442	0	0.035	0.0208
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	4	0	0.7327	0.1071	0.8449		1.957	0.0007	0.0358	0.0065
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	5	0	0.7559	0.1265	0.8924		1.9617	0	0.0185	0.0197
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_3_mica	6	0	0.7514	0.1281	0.8953		1.947	0.0006	0.038	0.0145
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	1	0	0.7706	0.1158	0.8956		1.9679	0	0.0142	0.0179
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	2	0	0.7714	0.1161	0.9206		1.9733	0.0002	0.0085	0.0179
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_4_mica	3	0	0.7775	0.122	0.9054		1.9401	0.0001	0.0464	0.0134
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	1	0	0.7114	0.0768	0.7992		1.9594	0.0005	0.0213	0.0187
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	2	0	0.763	0.1089	0.8862		1.9655	0	0.0183	0.0162
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	3	0	0.7614	0.1218	0.8967		1.9495	0.001	0.0341	0.0154
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	4	0	0.7801	0.1433	0.9319		1.9717	0	0.0137	0.0146
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	5	0	0.7675	0.1202	0.893		1.9415	0	0.0338	0.0248
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_5_mica	6	0	0.766	0.123	0.8987		1.9496	0	0.0297	0.0207
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_bt	2	0	0.6483	0.0065	0.6575		1.7535	0.0017	0.165	0.0798
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	1	0	0.7625	0.0742	0.8434		1.9565	0.0004	0.0255	0.0175
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	2	0	0.7674	0.0773	0.8516		1.9356	0.0001	0.0492	0.0151
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	3	0	0.7599	0.0798	0.8492		1.9474	0.0004	0.0364	0.0158
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	4	0	0.7767	0.0879	0.8722		1.9445	0	0.0378	0.0177
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	5	0	0.7579	0.095	0.8586		1.9341	0	0.036	0.0299
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_6_mica	6	0	0.7781	0.1142	0.8965		1.9598	0.0001	0.0181	0.0219
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	1	0	0.7624	0.1049	0.8727		1.9768	0.0003	0.0103	0.0126
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	2	0	0.7852	0.1162	0.905		1.9539	0.0009	0.0324	0.0128
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	3	0	0.7872	0.115	0.9084		1.9744	0	0.0123	0.0133
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	4	0	0.779	0.1165	0.9008		1.9623	0.0003	0.0215	0.0159
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_7_mica	5	0	0.7773	0.1215	0.9038		1.9404	0	0.0502	0.0094
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	1	0	0.6991	0.1202	0.83		1.9459	0.0001	0.0419	0.0121
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	2	0	0.731	0.1558	0.8917		1.956	0	0.0361	0.0079
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	3	0	0.7501	0.1358	0.8901		1.9766	0	0.0199	0.0036
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	4	0	0.6753	0.1178	0.7986		1.972	0.0016	0.0197	0.0066
MOSTMEG	MT#10	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT10_8_mica	5	0	0.7665	0.1496	0.9221		1.9859	0	0.0081	0.006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	1	0	0.7656	0.0385	0.8096		1.9658	0.0013	0.0297	0.0033
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	2	0	0.7546	0.0185	0.7797		1.9503	0.0013	0.0452	0.0033
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	3	0	0.7428	0.0433	0.8		1.9636	0	0.0217	0.0147
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	4	0	0.7016	0.0259	0.7339		1.9742	0.0019	0.0094	0.0145
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	5	0	0.7444	0.0383	0.7873		1.9819	0.0009	0	0.0172
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	6	0	0.7964	0.0208	0.8248		1.9742	0.0014	0.0173	0.0071
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	7	0	0.8012	0.017	0.8251		1.9159	0.0011	0.0725	0.0104

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Rb+	K+	Na+	Total	Group	OH-	Cl-	F-	O2-
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	8	0	0.7843	0.0357	0.8265		1.9448	0.002	0.0447	0.0085
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	9	0	0.6884	0.0137	0.7075		1.9596	0.0019	0.0174	0.0211
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_bt	10	0	0.7848	0.0347	0.8257		1.9269	0.0011	0.0573	0.0147
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	1	0	0.6865	0.0284	0.7232		1.9982	0.0001	0.0017	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	2	0	0.7171	0.0287	0.7514		1.9772	0.0008	0.022	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	3	0	0.7188	0.0255	0.7509		1.9999	0	0	0.0001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	4	0	0.6994	0.0219	0.7276		1.9819	0	0.0181	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	5	0	0.7084	0.0227	0.7408		1.9918	0.002	0.0061	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	6	0	0.7367	0.0244	0.7709		1.9915	0	0.0078	0.0006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_11_mica	7	0	0.6802	0.024	0.7109		1.9997	0.0003	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	1	0	0.779	0.0189	0.8007		1.8763	0	0.035	0.0886
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	2	0	0.5875	0.0101	0.6034		1.9207	0.0001	0	0.0792
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_12_bt	3	0	0.7778	0.0208	0.8053		1.8884	0.001	0.0201	0.0904
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	1	0	0.7427	0.0164	0.766		1.8755	0.0009	0.0302	0.0934
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	2	0	0.7455	0.0172	0.7697		1.8777	0.0028	0.0336	0.0859
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	3	0	0.7355	0.0139	0.7518		1.8549	0.0031	0.0424	0.0995
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	4	0	0.7875	0.0287	0.8183		1.891	0.0003	0.0111	0.0976
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	5	0	0.7653	0.0193	0.7925		1.8705	0.0005	0.0399	0.0891
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	6	0	0.7607	0.0201	0.7887		1.8728	0	0.0352	0.092
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_bt	7	0	0.7895	0.0321	0.8293		1.8732	0.0008	0.0383	0.0878
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	1	0	0.6389	0.0225	0.6673		1.9728	0.0014	0.0257	0.0001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	2	0	0.7216	0.0274	0.754		1.9983	0	0.0017	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_1_mica	3	0	0.6431	0.0255	0.6747		1.9667	0	0.0333	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	2	0	0.662	0.0191	0.6835		1.8487	0	0.0696	0.0818
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	3	0	0.6463	0.0177	0.6683		1.919	0	0.0186	0.0624
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	4	0	0.8067	0.0202	0.8308		1.8835	0.0005	0.0516	0.0643
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	5	0	0.7865	0.0207	0.8136		1.8967	0.0014	0.0433	0.0586
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	6	0	0.7739	0.0232	0.8008		1.8725	0	0.0372	0.0902
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	7	0	0.7869	0.0258	0.8181		1.8961	0.0015	0.0159	0.0865
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_bt	8	0	0.7591	0.0211	0.7851		1.8679	0.0014	0.0393	0.0914
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_2_chl	3	0	0.5153	0.0451	0.5667		1.9895	0	0.0105	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	1	0	0.792	0.0374	0.8312		1.9026	0.0013	0.0036	0.0926
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	2	0	0.7878	0.0453	0.8373		1.8771	0.0006	0.0294	0.0929
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_bt	3	0	0.757	0.0306	0.7933		1.8766	0.0008	0.0295	0.0931
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_3_chl	2	0	0.5733	0.042	0.6194		1.9859	0	0.0141	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	1	0	0.794	0.0265	0.822		1.9177	0.0003	0	0.0821
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	2	0	0.7965	0.0322	0.8315		1.8715	0	0.0333	0.0952
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	3	0	0.7906	0.036	0.831		1.8836	0.0014	0.0232	0.0917
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	4	0	0.7791	0.0198	0.7999		1.9044	0.0005	0	0.0951
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_bt	5	0	0.789	0.0176	0.8086		1.9008	0.001	0.0021	0.0961
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	1	0	0.6498	0.0295	0.6816		1.985	0.0017	0.0133	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	3	0	0.7124	0.0362	0.7486		1.9959	0.0036	0	0.0005
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_4_mica	4	0	0.6207	0.0304	0.6523		1.9985	0.0009	0	0.0006
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	2	0	0.6818	0.0174	0.7026		1.9012	0.0005	0.0197	0.0786
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	3	0	0.701	0.011	0.7159		1.902	0.0018	0	0.0962
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	4	0	0.6837	0.0094	0.6958		1.9082	0.0018	0	0.09
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_bt	5	0	0.7167	0.0099	0.7291		1.877	0.0009	0.026	0.0961
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	1	0	0.5149	0.0303	0.5507		1.9993	0.0007	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	2	0	0.6782	0.0769	0.7627		1.9763	0	0.0204	0.0033

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Rb+	K+	Na+	Total	Group	OH-	Cl-	F-	O2-
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	3	0	0.5626	0.0535	0.6201		1.9985	0.0015	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	4	0	0.689	0.0259	0.7205		1.9497	0.0005	0.0498	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	5	0	0.7396	0.0242	0.7683		1.9964	0.0036	0	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_5_mica	6	0	0.6276	0.013	0.6557		1.9842	0	0.0158	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	1	0	0.7295	0.01	0.7395		1.8652	0.0004	0.0395	0.0948
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	2	0	0.654	0.0133	0.6708		1.8806	0.0006	0.0202	0.0986
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_bt	3	0	0.784	0.0221	0.8094		1.8919	0	0.0071	0.101
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	1	0	0.6463	0.0222	0.6761		1.9625	0.0011	0.0158	0.0205
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	2	0	0.6352	0.0238	0.6683		1.9993	0.0007	0	0.0001
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	3	0	0.7139	0.0258	0.7445		1.994	0.0001	0.0059	0
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	4	0	0.6934	0.0211	0.7228		1.9992	0	0	0.0008
MOSTMEG	MT#11	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-MT11_6_mica	5	0	0.6398	0.0157	0.6613		1.967	0.0027	0	0.0303
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	1	0	0.873	0.0067	0.8844		1.7662	0	0.1467	0.0871
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	2	0	0.8359	0	0.8411		1.8129	0.0019	0.0988	0.0864
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	3	0	0.8812	0.0041	0.889		1.7907	0.0004	0.1222	0.0867
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	4	0	0.8462	0.0051	0.8569		1.8278	0	0.0915	0.0807
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	5	0	0.8062	0.0035	0.8157		1.8116	0.0001	0.1103	0.078
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_bt	6	0	0.8045	0.0029	0.8183		1.8341	0.0016	0.0932	0.0711
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	1	0	0.7774	0.0093	0.7979		1.9565	0.0009	0.0256	0.017
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	2	0	0.9276	0.0123	0.9502		1.9449	0.002	0.0391	0.014
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	3	0	0.8416	0.0305	0.8826		1.9626	0.0006	0.0263	0.0105
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_1_mica	4	0	0.8658	0.0278	0.9043		1.9704	0	0.0122	0.0173
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	1	0	0.8728	0.0023	0.8874		1.8141	0.0001	0.0933	0.0925
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	2	0	0.8361	0.0017	0.8426		1.7791	0.0009	0.1343	0.0857
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	3	0	0.8868	0.0043	0.8969		1.8018	0	0.1068	0.0914
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	4	0	0.8707	0.0042	0.8793		1.8342	0	0.0828	0.0829
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_bt	5	0	0.8638	0.0049	0.8758		1.8438	0.0006	0.0725	0.0832
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_2_mica	4	0	0.8881	0.0141	0.9285		1.9576	0.0002	0.0285	0.0137
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	2	0	0.8164	0.0055	0.827		1.779	0	0.1389	0.0821
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_3_chl	3	0	0.8184	0.0041	0.8303		1.8402	0	0.0768	0.083
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	1	0	0.7664	0.0522	0.8316		1.9784	0.001	0	0.0206
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	2	0	0.8045	0.133	0.9537		1.9742	0.0016	0.0038	0.0205
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	4	0	0.874	0.0948	0.9827		1.969	0.0015	0.0103	0.0192
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	5	0	0.8517	0.0786	0.9413		1.9422	0.0002	0.0266	0.031
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	6	0	0.8877	0.018	0.9133		1.967	0.0014	0.0242	0.0075
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	7	0	0.9265	0.0245	0.9607		1.9727	0.0008	0.0162	0.0103
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	8	0	0.905	0.0159	0.9296		1.9496	0	0.0424	0.008
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	9	0	0.9059	0.0191	0.9337		1.9596	0.0002	0.0285	0.0116
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	10	0	0.6135	0.0072	0.6281		1.9624	0.003	0.0232	0.0114
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	11	0	0.8993	0.0083	0.9165		1.9708	0.0008	0.012	0.0164
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	12	0	0.8227	0.0756	0.9184		1.9392	0	0.0325	0.0283
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	13	0	0.7892	0.0629	0.8746		1.9376	0	0.0286	0.0337
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	14	0	0.7572	0.0703	0.8537		1.9495	0	0.0205	0.0301
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	15	0	0.7808	0.1196	0.9156		1.9669	0	0.0141	0.019
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	16	0	0.9016	0.0138	0.9247		1.9307	0	0.0524	0.0169
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	17	0	0.9261	0.0123	0.9485		1.9601	0	0.0302	0.0097
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_4_mica	18	0	0.9107	0.0125	0.9327		1.9683	0	0.0202	0.0115
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	1	0	0.8604	0.0033	0.8674		1.8605	0.0004	0.0669	0.0722
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	2	0	0.8345	0.006	0.8476		1.8471	0.0016	0.0857	0.0656

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Rb+	K+	Na+	Total	Group	OH-	Cl-	F-	O2-
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	3	0	0.8227	0.0037	0.8308		1.8311	0	0.096	0.073
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	4	0	0.8772	0.0023	0.8838		1.8147	0.001	0.1026	0.0817
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_5_bt	5	0	0.7941	0.0091	0.8098		1.8741	0.0003	0.0531	0.0726
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	1	0	0.8757	0.0009	0.8864		1.8012	0	0.1153	0.0835
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	2	0	0.8348	0.003	0.844		1.8106	0	0.1106	0.0788
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	3	0	0.8483	0.0066	0.8593		1.8167	0	0.1072	0.0761
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_6_bt	4	0	0.8419	0.0025	0.8506		1.8128	0.0011	0.1058	0.0803
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	1	0	0.7882	0.0031	0.798		1.7838	0	0.1232	0.093
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	2	0	0.8369	0.0047	0.8457		1.8011	0	0.1112	0.0877
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_bt	3	0	0.8612	0.002	0.8682		1.8003	0.0004	0.1076	0.0918
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_7_mica	2	0	0.6469	0.0329	0.6869		1.9746	0.0003	0.0199	0.0051
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	1	0	0.8209	0.0149	0.847		1.9626	0.001	0.0253	0.011
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	2	0	0.8967	0.0164	0.9254		1.9918	0	0	0.0082
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	3	0	0.726	0.0222	0.7588		1.9951	0	0	0.0049
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	4	0	0.9083	0.0221	0.9392		1.9735	0.0018	0.0161	0.0085
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	5	0	0.8721	0.0724	0.9542		1.9577	0.0008	0.0264	0.0151
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	8	0	0.9072	0.032	0.9488		1.98	0	0.0081	0.0119
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	10	0	0.8616	0.0586	0.9331		1.9586	0	0.0216	0.0198
MOSTMEG	P-CONT#1	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-P-CONT1_8_mica	11	0	0.8161	0.072	0.9097		1.9454	0.0018	0.0196	0.0333
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	1	0	0.743	0.0595	0.8055		1.9717	0.0008	0.0037	0.0239
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	2	0	0.8619	0.0794	0.9452		1.9793	0	0.0038	0.017
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	3	0	0.876	0.088	0.9685		1.9746	0.0016	0.0096	0.0143
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	4	0	0.8638	0.0913	0.9563		1.9788	0.001	0.006	0.0142
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_mica	5	0	0.8814	0.0898	0.9757		1.9611	0	0.014	0.0249
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_10_plag	4	0	0.0333	0.934	1.0002		1.9742	0	0.0181	0.0077
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_bt	1	0	0.6401	0.0155	0.6612		1.8373	0.0042	0.0276	0.1309
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	1	0	0.7762	0.0571	0.8401		1.9917	0.0024	0.0019	0.004
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	2	0	0.8752	0.0711	0.9565		1.9703	0	0.0176	0.0121
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	3	0	0.8704	0.0723	0.9466		1.959	0	0.0271	0.0139
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	4	0	0.8608	0.0746	0.9396		1.9812	0	0.0056	0.0132
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_11_mica	5	0	0.8705	0.0701	0.9451		1.9706	0	0.0218	0.0077
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	1	0	0.8276	0.0111	0.8463		1.9584	0.0017	0.0345	0.0054
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	2	0	0.8417	0.0163	0.8679		1.9906	0.0003	0.0036	0.0055
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	3	0	0.9225	0.0108	0.9384		1.9564	0	0.037	0.0066
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	4	0	0.8973	0.0122	0.917		1.9844	0.0015	0.01	0.0041
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_12_mica	5	0	0.896	0.0157	0.9194		1.9927	0.0017	0	0.0056
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_bt	1	0	0.8858	0.0081	0.899		1.7873	0.0012	0.0553	0.1562
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	1	0	0.8005	0.059	0.8654		1.9504	0.0004	0.0298	0.0194
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	2	0	0.8388	0.0146	0.8657		1.9699	0.002	0.0236	0.0045
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	4	0	0.8751	0.0882	0.9686		1.9539	0	0.0213	0.0248
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_1_mica	5	0	0.88	0.0876	0.9704		1.9868	0.0002	0	0.0129
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	1	0	0.7797	0.0534	0.8395		1.9512	0.0009	0.0306	0.0173
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	2	0	0.8272	0.0707	0.9052		1.9607	0.001	0.0252	0.0131
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	3	0	0.833	0.0712	0.912		1.9912	0	0	0.0088
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	4	0	0.8337	0.0729	0.9149		1.9629	0.0013	0.0235	0.0123
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	5	0	0.8298	0.0708	0.9049		1.9864	0.0019	0	0.0117
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	6	0	0.8725	0.0864	0.9681		1.9656	0.0001	0.0136	0.0207
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_2_mica	7	0	0.8764	0.0877	0.9751		1.9755	0.0011	0	0.0234
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	1	0	0.7727	0.0136	0.8004		1.9918	0.0018	0	0.0065

Reference	Sample	Country	Location1	Type	id	id2	id3	Group	Point	Rb+	K+	Na+	Total	Group	OH-	Cl-	F-	O2-
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	2	0	0.8641	0.0132	0.8854		1.9826	0.0014	0.0078	0.0083
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	3	0	0.8836	0.0142	0.9078		1.9831	0.0018	0.0079	0.0072
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	4	0	0.8911	0.0145	0.9174		1.9765	0.0007	0.0137	0.0091
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	5	0	0.9029	0.0133	0.9266		1.9391	0.0017	0.0494	0.0097
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	6	0	0.8584	0.085	0.9473		1.9725	0.0006	0.0117	0.0153
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	7	0	0.8977	0.0614	0.9656		1.9787	0	0	0.0213
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_3_mica	8	0	0.8564	0.088	0.9476		1.9839	0.0009	0	0.0152
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	1	0	0.7005	0.0057	0.7122		1.8321	0.0023	0.0249	0.1407
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_bt	2	0	0.6792	0.0081	0.6917		1.7735	0	0.0579	0.1686
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	2	0	0.8654	0.0792	0.9594		1.9525	0.0011	0.0357	0.0106
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	3	0	0.7883	0.023	0.8242		1.9795	0.0017	0.0151	0.0037
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	4	0	0.8331	0.0657	0.9112		1.9904	0	0	0.0096
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_4_mica	5	0	0.8832	0.0572	0.9502		1.9559	0.0017	0.0159	0.0264
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	1	0	0.619	0.0127	0.641		1.8222	0.0009	0.0614	0.1155
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_bt	3	0	0.7206	0.0058	0.7324		1.8344	0.0026	0.0522	0.1107
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	1	0	0.8128	0.0584	0.8725		1.981	0	0.0158	0.0032
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	2	0	0.8753	0.017	0.9032		1.957	0	0.0355	0.0075
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	3	0	0.8754	0.0107	0.8952		1.9632	0.0011	0.0312	0.0045
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_5_mica	5	0	0.9237	0.0148	0.9447		1.9688	0.0007	0.0235	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	4	0	0.6137	0.0105	0.6328		1.8118	0.0024	0.0417	0.1442
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_bt	5	0	0.5211	0.0129	0.5465		1.8112	0.0035	0.0273	0.158
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	1	0	0.815	0.066	0.8847		1.9853	0.0014	0.0017	0.0116
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	2	0	0.6802	0.0097	0.6976		1.9849	0.0009	0.0079	0.0063
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	3	0	0.8958	0.0161	0.9196		1.9635	0.0017	0.0277	0.0071
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	7	0	0.8597	0.0661	0.93		1.9936	0	0	0.0064
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	8	0	0.7322	0.0603	0.7977		1.9927	0.0029	0	0.0044
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_6_mica	9	0	0.8616	0.0718	0.9369		1.9727	0.0007	0.0119	0.0147
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_bt	1	0	0.7545	0.0182	0.7796		1.7664	0.0009	0.0623	0.1704
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	1	0	0.7661	0.0136	0.7944		1.9871	0.0002	0.0058	0.0068
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	2	0	0.9189	0.0206	0.946		1.9653	0	0.0236	0.0111
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	3	0	0.9089	0.0162	0.9329		1.9584	0.0015	0.0336	0.0065
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	4	0	0.8723	0.0158	0.8984		1.9628	0.0016	0.0297	0.0059
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_7_mica	5	0	0.6338	0.01	0.6487		1.9806	0.0016	0.0131	0.0047
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_bt	2	0	0.636	0.0126	0.6627		1.7954	0.003	0.044	0.1576
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	1	0	0.7897	0.0634	0.8591		1.9841	0.0004	0	0.0154
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	2	0	0.8616	0.0833	0.9512		1.9721	0.0025	0.0021	0.0234
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	3	0	0.8516	0.0905	0.9473		1.9633	0.0038	0.0159	0.017
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	4	0	0.8123	0.0745	0.8928		1.9812	0.0026	0	0.0163
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_8_mica	5	0	0.8512	0.0804	0.9373		1.9862	0.0002	0.0002	0.0134
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	1	0	0.7845	0.063	0.8569		1.9668	0.0008	0.0116	0.0209
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	2	0	0.8397	0.0867	0.9321		1.9828	0	0	0.0172
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	3	0	0.7744	0.0623	0.8458		1.9641	0.0124	0.0135	0.01
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	4	0	0.6927	0.0173	0.7187		1.9918	0.0012	0	0.007
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	6	0	0.842	0.0154	0.8748		1.9655	0.0013	0.0256	0.0076
MOSTMEG	EB-CONT#	Portugal	CIZ	XM	BG_PT	MT	MTu	MOSTMEG_lvo-ZCONT1_9_mica	7	0	0.8999	0.014	0.9244		1.9914	0.001	0	0.0076

