

Normative Minerals	MB-02-QFG-040		MB-02-BG-042		MB-02-QFG-047		MB-02-QFG-051		MB-02-QFG-069		MB-02-QFG-070	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	10.45	10.79	39.17	39.18	32.17	32	20.67	21.91	40.62	40.73	39.35	39.47
Plagioclase	79.06	80.65	43.36	43.07	34.26	34.13	50.25	51.5	29.43	29.72	27.34	27.61
Orthoclase	2.30	2.46	16.25	16.83	31.5	32.43	8.92	9.79	25.88	26.87	28.96	30.07
Nepheline	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Leucite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Kalsilite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Corundum	0.00	0.00	0	0	0	0	0	0	0.61	0.41	0.74	0.5
Diopside	5.73	4.49	0.33	0.26	0.13	0.1	1.73	1.42	0	0	0	0
Hypersthene	0.00	0.00	0.59	0.44	1.29	0.92	0	0	2.04	1.4	2.24	1.55
Wollastonite	0.35	0.33	0	0	0	0	9.37	9.21	0	0	0	0
Olivine	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Larnite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Acmite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
K2SiO3	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Na2SiO3	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Rutile	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.47	0.27	0.04	0.02	0.09	0.05	4.16	2.46	0.27	0.15	0.23	0.13
Magnetite	1.36	0.72	0.17	0.09	0.46	0.24	1.97	1.07	0.99	0.5	1.03	0.53
Hematite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Apatite	0.21	0.18	0.02	0.02	0.02	0.02	2.87	2.52	0.02	0.02	0.02	0.02
Zircon	0.03	0.02	0.01	0.01	0.01	0.01	0.06	0.04	0.06	0.03	0.04	0.03
Perovskite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Chromite	0.01	0.01	0.01	0.01	0.03	0.02	0.03	0.02	0.04	0.02	0.04	0.02
Sphene	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Pyrite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Halite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Fluorite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Anhydrite	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Na2SO4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.07	0.07	0.05	0.04	0.07	0.07	0.05	0.05	0.11	0.11	0.07	0.07
Na2CO3	0.00	0.00	0	0	0	0	0	0	0	0	0	0
Total	100.06	100.01	100.02	99.99	100.05	100.01	100.1	100.01	100.09	99.98	100.08	100.02
Fe3+/(Total Fe) in rock	30.04	30.04	29.34347	29.34347	29.74768	29.74768	29.96621	29.96621	29.96621	29.96621	30.15131	30.15131
Mg/(Mg+Total Fe) in rock	11.24	11.24	43.66479	43.66479	24.89644	24.89644	4.581618	4.581618	6.528218	6.528218	8.47039	8.47039
Mg/(Mg+Fe2+) in rock	15.32	15.32	52.3124	52.3124	32.05891	32.05891	6.416227	6.416227	9.068223	9.068223	11.69901	11.69901
Mg/(Mg+Fe2+) in silicates	20.92	20.92	59.58825	59.58825	39.48596	39.48596	37.26143	37.26143	12.43465	12.43465	15.50144	15.50144
Ca/(Ca+Na) in rock	48.48	48.48	35.17109	35.17109	18.75278	18.75278	91.46993	91.46993	8.723762	8.723762	8.903639	8.903639
Ca/(Ca+Na) in plagioclase	43.50	43.50	34.60115	34.60115	18.27435	18.27435	86.13444	86.13444	8.341345	8.341345	8.777733	8.777733
Differentiation Index	91.81	93.90	98.78	99.08	97.93	98.56	79.84	83.2	95.93	97.32	95.65	97.15
Calculated density, g/cc	2.74	2.74	2.651792	2.651792	2.637297	2.637297	2.812165	2.812165	2.660278	2.660278	2.660452	2.660452
Calculated liquid density	2.51	2.51	2.379897	2.379897	2.366016	2.366016	2.598693	2.598693	2.36	2.36	2.362462	2.362462
Calculated viscosity, dry	5.47	5.47	11.71741	11.71741	10.81593	10.81593	4.482168	4.482168	12.05933	12.05933	11.76013	11.76013
Calculated viscosity, wet	4.91	4.91	8.154467	8.154467	7.568558	7.568558	4.118635	4.118635	7.880305	7.880305	7.791803	7.791803
Estimated liquidus temp.	1026.87	1026.87	737.8064	737.8064	753.831	753.831	1112.5	1112.5	704.0284	704.0284	714.7637	714.7637
Estimated H2O content	1.53	1.53	4.542315	4.542315	4.365885	4.365885	0.898368	0.898368	4.942409	4.942409	4.814311	4.814311
Zircon	0.03		0.014876		0.014876		0.059505		0.059505		0.044629	
K2SiO3	0.00		0		0		0		0		0	
Anorthite	35.55		15.59017		6.568846		43.62621		2.591725		2.533037	
Na2SiO3	0.00		0		0		0		0		0	
Acmite	0.00		0		0		0		0		0	
Diopside	5.73		0.333496		0.129968		1.731094		0		0	
Sphene	0.00		0		0		0		0		0	
Hypersthene	0.00		0.589166		1.285422		0		2.043352		2.236727	
Albite	43.51		27.77344		27.68882		6.619224		26.84265		24.81185	
Orthoclase	2.30		16.25147		31.4983		8.923535		25.88416		28.95717	
Wollastonite	0.35		0		0		9.37315		0		0	

	MB-02-QFG-071		MB-02-QFG-072		MB-02-QFG-073		MB-02-QFG-074		MB-02-QFG-075		RE MB-02-QFG-075	
Normative Minerals	Weight % Norm	Volume % Norm	Weight % Norm	Volume % Norm	Weight % Norm	Volume % Norm	Weight % Norm	Volume % Norm	Weight % Norm	Volume % Norm	Weight % Norm	Volume % Norm
Quartz	40.74	41	41.45	41.68	39.65	39.87	39.5	39.68	41.03	41.18	40.83	40.95
Plagioclase	25.73	26.08	25.73	26.07	26.67	27.01	28.61	28.93	25.79	26.08	25.87	26.15
Orthoclase	28.43	29.61	27.89	29.04	28.72	29.89	27.3	28.39	28.66	29.78	28.96	30.07
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0.86	0.57	0.62	0.42	0.69	0.46	0.61	0.41	0.92	0.62	0.84	0.56
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	2.59	1.77	2.59	1.78	2.58	1.77	2.42	1.66	2.2	1.52	2.11	1.45
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.25	0.14	0.27	0.15	0.25	0.14	0.23	0.13	0.27	0.15	0.28	0.16
Magnetite	1.26	0.65	1.25	0.64	1.25	0.64	1.17	0.6	1.03	0.53	1	0.51
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Zircon	0.06	0.03	0.06	0.03	0.04	0.03	0.04	0.03	0.04	0.03	0.04	0.03
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.04	0.02	0.04	0.02	0.06	0.03	0.04	0.02	0.04	0.02	0.03	0.02
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.09	0.09	0.14	0.13	0.14	0.13	0.11	0.11	0.07	0.07	0.07	0.07
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.09	100	100.08	100	100.09	100.01	100.07	100	100.09	100.02	100.07	100.01
Fe ³⁺ /(Total Fe) in rock	29.96115	29.96115	29.94915	29.94915	30.06551	30.06551	30.132	30.132	29.86937	29.86937	29.83703	29.83703
Mg/(Mg+Total Fe) in rock	3.932495	3.932495	5.230531	5.230531	5.249786	5.249786	4.905654	4.905654	7.693129	7.693129	7.158046	7.158046
Mg/(Mg+Fe ²⁺) in rock	5.521844	5.521844	7.303442	7.303442	7.341038	7.341038	6.875847	6.875847	10.62169	10.62169	9.900653	9.900653
Mg/(Mg+Fe ²⁺) in silicates	7.454838	7.454838	9.863073	9.863073	9.902349	9.902349	9.253177	9.253177	14.38723	14.38723	13.52821	13.52821
Ca/(Ca+Na) in rock	7.796837	7.796837	8.295677	8.295677	8.885285	8.885285	9.453089	9.453089	7.26856	7.26856	7.244737	7.244737
Ca/(Ca+Na) in plagioclase	7.414342	7.414342	7.428837	7.428837	8.114419	8.114419	8.929503	8.929503	7.31351	7.31351	7.289485	7.289485
Differentiation Index	94.9	96.69	95.07	96.79	95.04	96.77	95.41	97	95.48	97.04	95.66	97.17
Calculated density, g/cc	2.668839	2.668839	2.66713	2.66713	2.666748	2.666748	2.664678	2.664678	2.662273	2.662273	2.660226	2.660226
Calculated liquid density	2.365313	2.365313	2.363691	2.363691	2.366656	2.366656	2.365858	2.365858	2.359641	2.359641	2.358907	2.358907
Calculated viscosity, dry	11.8301	11.8301	11.97566	11.97566	11.63348	11.63348	11.69093	11.69093	12.05963	12.05963	12.06179	12.06179
Calculated viscosity, wet	7.780395	7.780395	7.80075	7.80075	7.711105	7.711105	7.749164	7.749164	7.880874	7.880874	7.878976	7.878976
Estimated liquidus temp.	710.7379	710.7379	703.825	703.825	716.7347	716.7347	715.3127	715.3127	705.309	705.309	705.0246	705.0246
Estimated H ₂ O content	4.86261	4.86261	4.941509	4.941509	4.798539	4.798539	4.811328	4.811328	4.924921	4.924921	4.926513	4.926513
Zircon	0.059505		0.059505		0.044629		0.044629		0.044629		0.044629	
K ₂ SiO ₃	0		0		0		0		0		0	
Anorthite	2.014628		2.018882		2.285076		2.695561		1.992152		1.992152	
Na ₂ SiO ₃	0		0		0		0		0		0	
Acmite	0		0		0		0		0		0	
Diopside	0		0		0		0		0		0	
Sphene	0		0		0		0		0		0	
Hypersthene	2.587594		2.592433		2.581902		2.421503		2.196922		2.107254	
Albite	23.71183		23.71183		24.38876		25.91187		23.79645		23.88106	
Orthoclase	28.4253		27.89343		28.72078		27.30247		28.66168		28.95717	
Wollastonite	0		0		0		0		0		0	

Normative Minerals	MB-02-QFG-076		MB-02-QFG-077		MB-02-QFG-078		MB-02-QFG-079		MB-02-QFGw-080		MB-02-QFGw-081	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	31.37	31.14	33.1	32.95	34.08	33.95	34.01	33.87	32.31	32.53	34.95	35.42
Plagioclase	41.51	41.4	28.54	28.72	29.7	29.89	32.64	32.85	47.81	48.29	52.47	53.38
Orthoclase	25.88	26.6	34.93	35.99	32.8	33.82	30.14	31.06	15.07	15.71	6.5	6.82
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0.59	0.39	1.68	1.12	1.77	1.18	1.6	1.06	0.92	0.62	2.24	1.51
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.4	0.28	1.12	0.78	1.08	0.76	0.97	0.68	2.68	2.03	2.08	1.55
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.19	0.11	0.23	0.13
Magnetite	0.13	0.07	0.38	0.19	0.35	0.18	0.32	0.16	0.68	0.35	0.68	0.35
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.05	0.04	0.16	0.13	0.14	0.11	0.19	0.15	0.09	0.08	0.12	0.1
Zircon	0	0	0.01	0.01	0	0	0	0	0.01	0.01	0.01	0.01
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.01	0.01	0.03	0.02	0.03	0.02	0.04	0.02	0.03	0.02	0.03	0.02
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.05	0.04	0.07	0.07	0.07	0.07	0.11	0.11	0.25	0.25	0.71	0.7
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.03	100	100.06	100.01	100.06	100.01	100.06	99.99	100.06	100.02	100.04	100.01
Fe ³⁺ /(Total Fe) in rock	28.82131	28.82131	30.22813	30.22813	30.16317	30.16317	29.63634	29.63634	30.14526	30.14526	30.14526	30.14526
Mg/(Mg+Total Fe) in rock	20.24027	20.24027	17.16997	17.16997	19.93476	19.93476	17.59358	17.59358	41.57371	41.57371	30.16845	30.16845
Mg/(Mg+Fe ²⁺) in rock	26.2819	26.2819	22.90489	22.90489	26.2819	26.2819	23.27878	23.27878	50.46134	50.46134	38.21253	38.21253
Mg/(Mg+Fe ²⁺) in silicates	30.1064	30.1064	24.83349	24.83349	28.16724	28.16724	25.4043	25.4043	58.79664	58.79664	47.44199	47.44199
Ca/(Ca+Na) in rock	12.7581	12.7581	3.221666	3.221666	3.263341	3.263341	3.092196	3.092196	16.37291	16.37291	17.08498	17.08498
Ca/(Ca+Na) in plagioclase	12.46374	12.46374	1.709811	1.709811	2.094089	2.094089	1.357416	1.357416	14.93906	14.93906	13.78075	13.78075
Differentiation Index	98.76	99.14	96.57	97.66	96.58	97.66	96.79	97.78	95.19	96.53	93.92	95.62
Calculated density, g/cc	2.631515	2.631515	2.639715	2.639715	2.641291	2.641291	2.640351	2.640351	2.669704	2.669704	2.686264	2.686264
Calculated liquid density	2.357574	2.357574	2.351497	2.351497	2.350668	2.350668	2.349463	2.349463	2.383841	2.383841	2.388923	2.388923
Calculated viscosity, dry	11.07228	11.07228	11.17282	11.17282	11.36375	11.36375	11.42516	11.42516	10.36366	10.36366	10.56776	10.56776
Calculated viscosity, wet	7.728057	7.728057	7.680697	7.680697	7.764298	7.764298	7.768332	7.768332	7.43015	7.43015	7.59303	7.59303
Estimated liquidus temp.	747.4194	747.4194	742.9836	742.9836	736.7589	736.7589	732.8707	732.8707	766.7417	766.7417	767.6153	767.6153
Estimated H ₂ O content	4.429036	4.429036	4.488548	4.488548	4.558849	4.558849	4.609019	4.609019	4.224398	4.224398	4.243902	4.243902
Zircon	0		0.014876		0		0		0.014876		0.014876	
K ₂ SiO ₃	0		0		0		0		0		0	
Anorthite	5.448262		0.517273		0.659058		0.46973		7.508681		7.608295	
Na ₂ SiO ₃	0		0		0		0		0		0	
Acmite	0		0		0		0		0		0	
Diopside	0		0		0		0		0		0	
Sphene	0		0		0		0		0		0	
Hypersthene	0.403601		1.115877		1.083856		0.968197		2.679408		2.079818	
Albite	36.06589		28.02729		29.04269		32.17352		40.29673		44.86605	
Orthoclase	25.88416		34.92589		32.79842		30.13909		15.06955		6.500588	
Wollastonite	0		0		0		0		0		0	

	MB-02-QFGu-082		MB-02-QFGu-083		MB-02-QFGu-084		MB-02-QFGu-085		MB-02-QFGu-086		MB-02-QFGw-087	
Normative Minerals	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	36.14	36.06	37.39	37.11	33.65	33.64	32.58	32.45	34.81	34.86	32.25	32.58
Plagioclase	43	43.2	21.61	21.67	39.9	40.17	37.08	37.19	47.95	48.3	43.93	44.54
Orthoclase	18.5	19.1	38.24	39.28	23.22	24.04	27.83	28.7	14.36	14.89	18.14	18.97
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	1.09	0.72	1.15	0.76	1.07	0.71	1.13	0.75	1.14	0.76	1.15	0.77
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.88	0.65	1.18	0.87	1.37	0.96	0.89	0.61	1.17	0.83	2.92	2.18
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Na2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.02	0.01	0.06	0.03	0.08	0.04	0.02	0.01	0.04	0.02	0.36	0.2
Magnetite	0.26	0.13	0.3	0.15	0.55	0.28	0.36	0.18	0.42	0.21	0.93	0.48
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.02	0.02	0.02	0.02	0.07	0.06	0.02	0.02	0.02	0.02	0.12	0.1
Zircon	0	0	0	0	0.01	0.01	0	0	0	0	0.03	0.02
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.04	0.02	0.03	0.02	0.04	0.02	0.04	0.02	0.06	0.03	0.01	0.01
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na2SO4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.07	0.07	0.07	0.07	0.05	0.04	0.05	0.04	0.07	0.07	0.14	0.13
Na2CO3	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.04	100	100.07	100	100.03	99.99	100.02	99.99	100.06	100.01	100	100
Fe3+/(Total Fe) in rock	30.44668	30.44668	29.57309	29.57309	30.20759	30.20759	30.19692	30.19692	29.96115	29.96115	29.90214	29.90214
Mg/(Mg+Total Fe) in rock	33.45061	33.45061	39.08613	39.08613	14.76532	14.76532	10.68596	10.68596	16.98996	16.98996	31.20264	31.20264
Mg/(Mg+Fe2+) in rock	41.95069	41.95069	47.67422	47.67422	19.88523	19.88523	14.63231	14.63231	22.61431	22.61431	39.28413	39.28413
Mg/(Mg+Fe2+) in silicates	49.21022	49.21022	55.46387	55.46387	24.65379	24.65379	17.68923	17.68923	26.15066	26.15066	48.51362	48.51362
Ca/(Ca+Na) in rock	8.035563	8.035563	1.942935	1.942935	9.110656	9.110656	8.81777	8.81777	10.74363	10.74363	15.76325	15.76325
Ca/(Ca+Na) in plagioclase	7.622581	7.622581	1.904349	1.904349	8.508242	8.508242	8.428971	8.428971	10.45172	10.45172	14.64802	14.64802
Differentiation Index	97.64	98.36	97.24	98.06	96.77	97.85	97.49	98.34	97.12	98.05	94.32	96.09
Calculated density, g/cc	2.644507	2.644507	2.631759	2.631759	2.650595	2.650595	2.640247	2.640247	2.655355	2.655355	2.67723	2.67723
Calculated liquid density	2.352672	2.352672	2.341459	2.341459	2.362765	2.362765	2.357527	2.357527	2.364751	2.364751	2.388488	2.388488
Calculated viscosity, dry	11.90448	11.90448	12.04055	12.04055	11.15107	11.15107	11.13928	11.13928	11.41074	11.41074	10.17072	10.17072
Calculated viscosity, wet	8.008563	8.008563	7.926008	7.926008	7.706786	7.706786	7.722861	7.722861	7.86612	7.86612	7.335745	7.335745
Estimated liquidus temp.	714.7151	714.7151	711.228	711.228	739.9536	739.9536	743.3849	743.3849	732.7221	732.7221	774.1224	774.1224
Estimated H2O content	4.795833	4.795833	4.850772	4.850772	4.5118	4.5118	4.469926	4.469926	4.598097	4.598097	4.133178	4.133178
Zircon	0	0	0	0	0.014876	0	0	0	0	0	0.029752	0
K2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Anorthite	3.461153	3.461153	0.436101	0.436101	3.583451	3.583451	3.29908	3.29908	5.283399	5.283399	6.767233	6.767233
Na2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.880378	0.880378	1.177413	1.177413	1.374417	1.374417	0.886111	0.886111	1.173471	1.173471	2.922703	2.922703
Albite	39.53518	39.53518	21.17332	21.17332	36.31974	36.31974	33.78124	33.78124	42.66601	42.66601	37.16591	37.16591
Orthoclase	18.49713	18.49713	38.23528	38.23528	23.22483	23.22483	27.83434	27.83434	14.36039	14.36039	18.14255	18.14255
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0

	MB-02-QFGb-088		MB-02-QFGb-089		MB-02-QFGb-090		MB-02-QFGb-091		MB-02-QFGb-092		MB-02-QFG-101	
Normative Minerals	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	29.84	29.69	33.21	33.46	34.19	33.99	33.47	33.61	33.69	33.93	38.13	38.53
Plagioclase	32.4	32.51	49.94	50.61	34.35	34.45	47.56	48.01	45.36	45.88	53.16	53.73
Orthoclase	34.63	35.66	12.11	12.64	29.19	30.04	15.25	15.85	16.31	17	4.79	5.01
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	1.42	0.94	1.48	0.99	1.08	0.71	1.22	0.82	1.24	0.83	1.24	0.83
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	1.15	0.82	2.22	1.65	0.77	0.54	1.6	1.17	2.27	1.68	1.72	1.3
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.02	0.01	0.17	0.1	0.02	0.01	0.19	0.11	0.23	0.13	0.3	0.17
Magnetite	0.38	0.19	0.67	0.34	0.28	0.14	0.57	0.29	0.72	0.37	0.54	0.28
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.05	0.04	0.07	0.06	0.02	0.02	0.07	0.06	0.07	0.06	0.05	0.04
Zircon	0	0	0.01	0.01	0	0	0.01	0.01	0.01	0.01	0.03	0.02
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.03	0.02	0.06	0.03	0.03	0.02	0.03	0.02	0.04	0.02	0.01	0.01
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.11	0.11	0.09	0.09	0.07	0.07	0.05	0.04	0.07	0.07	0.07	0.07
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.05	100.01	100.05	100	100.02	100.01	100.04	100.01	100.03	100	100.06	100.01
Fe ³⁺ /(Total Fe) in rock	30.22813	30.22813	30.12658	30.12658	29.94306	29.94306	30.22813	30.22813	29.99559	29.99559	29.91473	29.91473
Mg/(Mg+Total Fe) in rock	21.65397	21.65397	33.02229	33.02229	17.93495	17.93495	26.92827	26.92827	29.37678	29.37678	35.25758	35.25758
Mg/(Mg+Fe ²⁺) in rock	28.37354	28.37354	41.36996	41.36996	23.77782	23.77782	34.56252	34.56252	37.27254	37.27254	43.72628	43.72628
Mg/(Mg+Fe ²⁺) in silicates	31.49189	31.49189	49.40441	49.40441	27.65319	27.65319	43.96439	43.96439	44.96191	44.96191	56.05937	56.05937
Ca/(Ca+Na) in rock	6.444443	6.444443	11.39925	11.39925	5.557762	5.557762	11.90047	11.90047	13.52107	13.52107	20.91926	20.91926
Ca/(Ca+Na) in plagioclase	5.60824	5.60824	10.76511	10.76511	5.069792	5.069792	11.46117	11.46117	13.08811	13.08811	20.65647	20.65647
Differentiation Index	96.87	97.86	95.26	96.71	97.73	98.48	96.28	97.47	95.36	96.81	96.08	97.27
Calculated density, g/cc	2.637718	2.637718	2.671867	2.671867	2.634861	2.634861	2.661945	2.661945	2.670004	2.670004	2.679086	2.679086
Calculated liquid density	2.35789	2.35789	2.37773	2.37773	2.349078	2.349078	2.37242	2.37242	2.378934	2.378934	2.386228	2.386228
Calculated viscosity, dry	10.59022	10.59022	10.71122	10.71122	11.58725	11.58725	10.92424	10.92424	10.7004	10.7004	11.31236	11.31236
Calculated viscosity, wet	7.483355	7.483355	7.58715	7.58715	7.847374	7.847374	7.676026	7.676026	7.572147	7.572147	7.953351	7.953351
Estimated liquidus temp.	763.4453	763.4453	754.5631	754.5631	726.117	726.117	748.7468	748.7468	756.303	756.303	742.6124	742.6124
Estimated H ₂ O content	4.255531	4.255531	4.352939	4.352939	4.667765	4.667765	4.412474	4.412474	4.336361	4.336361	4.486479	4.486479
Zircon	0	0	0.014876	0	0	0	0.014876	0	0.014876	0	0.029752	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Anorthite	1.921432	1.921432	5.666705	5.666705	1.842172	1.842172	5.743526	5.743526	6.248987	6.248987	11.50447	11.50447
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0	0	0	0	0	0	0	0	0	0	0	0
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	1.153403	1.153403	2.220357	2.220357	0.773821	0.773821	1.599091	1.599091	2.274193	2.274193	1.719209	1.719209
Albite	30.48118	30.48118	44.27373	44.27373	32.51198	32.51198	41.81984	41.81984	39.1121	39.1121	41.6506	41.6506
Orthoclase	34.63041	34.63041	12.11473	12.11473	29.19355	29.19355	15.24683	15.24683	16.31057	16.31057	4.786797	4.786797
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0

Normative Minerals	MB-02-QFG-102		MB-02-QFG-103		MB-02-QFG-104		MB-02-QFG-105		MB-02-QFG-106		MB-02-QFG-107	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	34.29	34.55	32.19	32.75	30.48	30.82	3.98	4.02	7.16	7.2	5.68	5.7
Plagioclase	48.69	49.2	55.08	55.97	59.6	60.23	88.41	89.31	86.21	86.71	88.78	89.04
Orthoclase	12.82	13.38	6.68	7.03	5.73	6	4.14	4.33	4.25	4.43	4.14	4.29
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	1.22	0.82	1.05	0.71	0.42	0.29	0	0	0	0	0.08	0.06
Diopside	0	0	0	0	0	0	0.36	0.28	0.89	0.68	0	0
Hypersthene	1.9	1.42	3.11	2.38	2.3	1.75	1.83	1.29	0.75	0.52	0.79	0.56
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.34	0.19	0.7	0.4	0.49	0.28	0.25	0.14	0.08	0.04	0.06	0.03
Magnetite	0.64	0.33	0.99	0.51	0.74	0.38	0.88	0.46	0.54	0.27	0.32	0.16
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.05	0.04	0.05	0.04	0.14	0.12	0.07	0.06	0.05	0.04	0.09	0.08
Zircon	0.01	0.01	0.04	0.03	0.03	0.02	0.04	0.03	0.01	0.01	0	0
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0.01	0.01	0	0
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.05	0.04	0.16	0.16	0.09	0.09	0.07	0.07	0.07	0.07	0.07	0.07
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.04	100.01	100.08	100.01	100.05	100.01	100.05	100.01	100.04	100	100.03	100.01
Fe ³⁺ /(Total Fe) in rock	29.85985	29.85985	30.11369	30.11369	30.21282	30.21282	30.01199	30.01199	29.91473	29.91473	30.5511	30.5511
Mg/(Mg+Total Fe) in rock	31.37073	31.37073	36.66994	36.66994	36.03402	36.03402	12.00719	12.00719	8.767679	8.767679	16.14794	16.14794
Mg/(Mg+Fe ²⁺) in rock	39.45636	39.45636	45.31126	45.31126	44.66617	44.66617	16.31598	16.31598	12.05874	12.05874	21.7094	21.7094
Mg/(Mg+Fe ²⁺) in silicates	51.29049	51.29049	59.61868	59.61868	58.69437	58.69437	21.54232	21.54232	15.50255	15.50255	27.18826	27.18826
Ca/(Ca+Na) in rock	16.12558	16.12558	24.0917	24.0917	22.85247	22.85247	24.54818	24.54818	22.43396	22.43396	20.33791	20.33791
Ca/(Ca+Na) in plagioclase	15.90328	15.90328	23.60267	23.60267	22.25821	22.25821	24.03707	24.03707	21.42801	21.42801	20.09752	20.09752
Differentiation Index	95.8	97.13	93.95	95.75	95.81	97.05	96.53	97.66	97.62	98.34	98.6	99.03
Calculated density, g/cc	2.671215	2.671215	2.697922	2.697922	2.681226	2.681226	2.682105	2.682105	2.666736	2.666736	2.656813	2.656813
Calculated liquid density	2.382037	2.382037	2.413637	2.413637	2.405891	2.405891	2.451635	2.451635	2.43293	2.43293	2.425627	2.425627
Calculated viscosity, dry	10.77007	10.77007	9.634826	9.634826	9.747264	9.747264	5.974722	5.974722	6.678173	6.678173	6.661775	6.661775
Calculated viscosity, wet	7.653524	7.653524	7.207321	7.207321	7.255272	7.255272	5.206087	5.206087	5.656811	5.656811	5.645611	5.645611
Estimated liquidus temp.	756.578	756.578	801.3359	801.3359	795.9935	795.9935	979.1785	979.1785	938.7698	938.7698	939.2644	939.2644
Estimated H ₂ O content	4.325483	4.325483	3.834917	3.834917	3.886123	3.886123	1.953165	1.953165	2.343667	2.343667	2.336337	2.336337
Zircon	0.014876		0.044629		0.029752		0.044629		0.014876		0	
K ₂ SiO ₃	0		0		0		0		0		0	
Anorthite	8.135901		13.5968		13.88574		22.22132		19.34743		18.70203	
Na ₂ SiO ₃	0		0		0		0		0		0	
Acmite	0		0		0		0		0		0	
Diopside	0		0		0		0.36047		0.894426		0	
Sphene	0		0		0		0		0		0	
Hypersthene	1.903797		3.10721		2.301292		1.830801		0.752727		0.78799	
Albite	40.55059		41.48137		45.71221		66.18949		66.86643		70.08187	
Orthoclase	12.82389		6.677877		5.732337		4.136738		4.25493		4.136738	
Wollastonite	0		0		0		0		0		0	

Normative Minerals	MB-02-QFG-108		MB-02-QFG-109		MB-02-BG-110		MB-02-BG-111		MB-02-BG-112		MB-02-BG-113	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	12.28	12.28	10.64	10.68	15.04	15.51	21.49	22.26	18.5	19.09	22.58	23.4
Plagioclase	80.8	80.88	82.71	83.17	71.51	71.82	67.39	68.05	69.32	69.96	68.08	68.64
Orthoclase	5.91	6.12	4.25	4.42	8.39	8.95	3.96	4.24	5.79	6.19	2.9	3.11
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0.53	0.4	1.32	1.01	0.62	0.5	3.26	2.67	2.51	2.03	4.22	3.39
Hypersthene	0.21	0.14	0.51	0.36	2.51	1.93	2.07	1.62	2.01	1.55	0.48	0.36
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Na2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.02	0.01	0.08	0.04	0.53	0.31	0.51	0.3	0.55	0.32	0.51	0.3
Magnetite	0.2	0.1	0.45	0.23	0.93	0.49	0.97	0.51	1.01	0.53	0.97	0.51
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.02	0.02	0.02	0.02	0.14	0.12	0.23	0.2	0.14	0.12	0.09	0.08
Zircon	0	0	0	0	0.04	0.03	0.04	0.03	0.03	0.02	0.03	0.02
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0	0	0	0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na2SO4	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.02	0.02	0.05	0.04	0.32	0.32	0.09	0.09	0.16	0.16	0.16	0.16
Na2CO3	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.01	99.99	100.05	99.99	100.06	100.01	100.04	100	100.05	100	100.05	100
Fe3+/(Total Fe) in rock	29.57309	29.57309	29.70807	29.70807	30.05822	30.05822	29.80282	29.80282	29.99559	29.99559	29.80282	29.80282
Mg/(Mg+Total Fe) in rock	7.723121	7.723121	17.27584	17.27584	33.02654	33.02654	41.6497	41.6497	34.84544	34.84544	25.57726	25.57726
Mg/(Mg+Fe2+) in rock	10.62169	10.62169	22.90489	22.90489	41.3509	41.3509	50.41729	50.41729	43.30966	43.30966	32.86724	32.86724
Mg/(Mg+Fe2+) in silicates	13.02109	13.02109	28.38633	28.38633	53.6626	53.6626	61.56487	61.56487	54.97028	54.97028	43.82004	43.82004
Ca/(Ca+Na) in rock	20.05443	20.05443	20.65884	20.65884	71.83463	71.83463	71.71736	71.71736	65.18051	65.18051	75.72009	75.72009
Ca/(Ca+Na) in plagioclase	19.54279	19.54279	19.2385	19.2385	71.20578	71.20578	69.85988	69.85988	63.45705	63.45705	73.8621	73.8621
Differentiation Index	98.99	99.28	97.6	98.27	94.94	96.28	92.84	94.55	93.61	95.24	93.56	95.15
Calculated density, g/cc	2.650666	2.650666	2.662665	2.662665	2.73369	2.73369	2.746106	2.746106	2.735945	2.735945	2.747519	2.747519
Calculated liquid density	2.411467	2.411467	2.422004	2.422004	2.530053	2.530053	2.526116	2.526116	2.517104	2.517104	2.533069	2.533069
Calculated viscosity, dry	7.674053	7.674053	7.281141	7.281141	5.200789	5.200789	6.002721	6.002721	5.888851	5.888851	6.005144	6.005144
Calculated viscosity, wet	6.246848	6.246848	6.0072	6.0072	4.784623	4.784623	5.363882	5.363882	5.27076	5.27076	5.392802	5.392802
Estimated liquidus temp.	888.2135	888.2135	904.6415	904.6415	1066.959	1066.959	1013.282	1013.282	1016.689	1016.689	1019.579	1019.579
Estimated H2O content	2.862875	2.862875	2.689505	2.689505	1.221469	1.221469	1.649032	1.649032	1.622364	1.622364	1.596497	1.596497
Zircon	0	0	0	0	0.044629	0.044629	0.044629	0.044629	0.029752	0.029752	0.029752	0.029752
K2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Anorthite	16.55581	16.55581	16.68572	16.68572	51.77789	51.77789	47.90653	47.90653	44.93317	44.93317	51.04962	51.04962
Na2SiO3	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0.527594	0.527594	1.316304	1.316304	0.621572	0.621572	3.264161	3.264161	2.508771	2.508771	4.217044	4.217044
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.210722	0.210722	0.505471	0.505471	2.508937	2.508937	2.066789	2.066789	2.012633	2.012633	0.482058	0.482058
Albite	64.24331	64.24331	66.02026	66.02026	19.73484	19.73484	19.48099	19.48099	24.38876	24.38876	17.0271	17.0271
Orthoclase	5.909626	5.909626	4.25493	4.25493	8.391668	8.391668	3.959449	3.959449	5.791433	5.791433	2.895717	2.895717
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0

Normative Minerals	MB-02-BG-114		MB-02-QFG-115		MB-02-QFG-116		MB-02-QFG-117		MB-02-QFG-118		RE MB-02-QFG-118	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	23.37	23.85	23.22	22.95	31.19	31.11	39.24	39.47	36.94	36.82	36.76	36.64
Plagioclase	70.07	70.33	28.49	28.34	33.23	33.2	57.48	57.54	41.62	41.57	41.29	41.22
Orthoclase	2.9	3.06	46.21	47.3	32.38	33.44	1.95	2.03	19.86	20.49	20.39	21.03
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0	0	1.21	0.8	1.31	0.87	0.07	0.05	0.65	0.43	0.56	0.37
Diopside	2.02	1.62	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.57	0.44	0.47	0.32	1.22	0.9	0.81	0.59	0.65	0.48	0.68	0.51
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.34	0.19	0.04	0.02	0.09	0.05	0.04	0.02	0.04	0.02	0.04	0.02
Magnetite	0.51	0.26	0.2	0.1	0.38	0.19	0.28	0.14	0.17	0.09	0.19	0.1
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.09	0.08	0.05	0.04	0.12	0.1	0.05	0.04	0.02	0.02	0.05	0.04
Zircon	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0	0	0	0
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.03	0.02	0.03	0.02	0.03	0.02	0.04	0.02	0.03	0.02	0.03	0.02
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.11	0.11	0.09	0.09	0.09	0.09	0.07	0.07	0.05	0.04	0.05	0.04
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.06	100	100.04	100.01	100.07	100	100.06	100	100.05	100	100.06	100.01
Fe ³⁺ /(Total Fe) in rock	29.85342	29.85342	31.02999	31.02999	30.22813	30.22813	29.94306	29.94306	29.34347	29.34347	30.22813	30.22813
Mg/(Mg+Total Fe) in rock	35.09554	35.09554	14.9397	14.9397	32.60004	32.60004	25.56359	25.56359	36.76156	36.76156	37.45475	37.45475
Mg/(Mg+Fe ²⁺) in rock	43.53	43.53	20.2969	20.2969	40.94132	40.94132	32.89552	32.89552	45.13742	45.13742	46.18698	46.18698
Mg/(Mg+Fe ²⁺) in silicates	57.51591	57.51591	26.31071	26.31071	49.70834	49.70834	40.13488	40.13488	53.13084	53.13084	54.40618	54.40618
Ca/(Ca+Na) in rock	54.25871	54.25871	11.09845	11.09845	19.11557	19.11557	30.75863	30.75863	18.00982	18.00982	18.25207	18.25207
Ca/(Ca+Na) in plagioclase	52.49043	52.49043	10.28345	10.28345	18.31268	18.31268	30.53804	30.53804	17.94963	17.94963	18.11946	18.11946
Differentiation Index	96.34	97.24	97.92	98.59	96.8	97.75	98.67	99.04	98.42	98.88	98.44	98.89
Calculated density, g/cc	2.705486	2.705486	2.621129	2.621129	2.645609	2.645609	2.667272	2.667272	2.642921	2.642921	2.642192	2.642192
Calculated liquid density	2.477819	2.477819	2.360119	2.360119	2.369569	2.369569	2.391994	2.391994	2.360574	2.360574	2.36068	2.36068
Calculated viscosity, dry	7.27845	7.27845	9.568914	9.568914	10.45689	10.45689	11.57044	11.57044	11.84011	11.84011	11.79901	11.79901
Calculated viscosity, wet	6.184288	6.184288	7.089966	7.089966	7.50749	7.50749	8.162185	8.162185	8.067269	8.067269	8.041233	8.041233
Estimated liquidus temp.	937.3597	937.3597	807.9982	807.9982	775.2933	775.2933	742.4293	742.4293	724.4802	724.4802	725.3532	725.3532
Estimated H ₂ O content	2.362583	2.362583	3.749547	3.749547	4.12758	4.12758	4.488548	4.488548	4.690916	4.690916	4.682674	4.682674
Zircon	0.029752		0.014876		0.014876		0.014876		0		0	
K ₂ SiO ₃	0		0		0		0		0		0	
Anorthite	37.81282		3.089386		6.384452		18.28288		7.840637		7.85177	
Na ₂ SiO ₃	0		0		0		0		0		0	
Acmite	0		0		0		0		0		0	
Diopside	2.018673		0		0		0		0		0	
Sphene	0		0		0		0		0		0	
Hypersthene	0.571847		0.466343		1.218532		0.811063		0.645401		0.68041	
Albite	32.25813		25.40417		26.84265		39.19672		33.78124		33.44277	
Orthoclase	2.895717		46.21327		32.38475		1.950176		19.85634		20.38821	
Wollastonite	0		0		0		0		0		0	

Normative Minerals	MB-02-QFG-119		MB-02-QFG-120		MB-02-QFG-121		MB-02-QFG-122		MB-02-QFG-123		MB-02-BG-124	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	34.95	34.77	32.1	31.84	32.65	32.42	37.34	37.4	33.62	33.41	27.69	28.18
Plagioclase	34.57	34.51	29.28	29.25	35.08	35.06	53.74	53.68	37.28	37.13	63.49	64.46
Orthoclase	28.54	29.39	36.46	37.44	30.43	31.28	7.86	8.15	27.54	28.33	3.9	4.11
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0.76	0.51	1.4	0.92	1.07	0.71	0.08	0.05	0.65	0.43	0	0
Diopside	0	0	0	0	0	0	0	0	0	0	0.67	0.51
Hypersthene	0.77	0.55	0.47	0.34	0.48	0.34	0.59	0.43	0.53	0.39	2.53	1.77
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.06	0.03	0.02	0.01	0.04	0.02	0.04	0.02	0.04	0.02	0.3	0.17
Magnetite	0.28	0.14	0.16	0.08	0.17	0.09	0.19	0.1	0.14	0.07	1.35	0.7
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.02	0.02	0.05	0.04	0.02	0.02	0.02	0.02	0.09	0.08	0.02	0.02
Zircon	0	0	0	0	0	0	0.01	0.01	0	0	0.01	0.01
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.04	0.02	0.03	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.05	0.04	0.05	0.04	0.05	0.04	0.11	0.11	0.11	0.11	0.05	0.05
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.06	100	100.04	100	100.02	100.01	100.01	100	100.03	100	100.04	100.01
Fe ³⁺ /(Total Fe) in rock	29.94306	29.94306	31.02999	31.02999	29.34347	29.34347	30.22813	30.22813	29.99559	29.99559	30.02788	30.02788
Mg/(Mg+Total Fe) in rock	23.79256	23.79256	28.11911	28.11911	19.49865	19.49865	29.3078	29.3078	37.27401	37.27401	7.677077	7.677077
Mg/(Mg+Fe ²⁺) in rock	30.8269	30.8269	36.19149	36.19149	25.52911	25.52911	37.27254	37.27254	45.91246	45.91246	10.62169	10.62169
Mg/(Mg+Fe ²⁺) in silicates	38.60536	38.60536	43.48187	43.48187	31.54389	31.54389	44.64391	44.64391	53.90601	53.90601	14.26206	14.26206
Ca/(Ca+Na) in rock	14.97981	14.97981	8.287355	8.287355	9.063887	9.063887	26.77226	26.77226	18.0206	18.0206	26.36427	26.36427
Ca/(Ca+Na) in plagioclase	14.98261	14.98261	7.892166	7.892166	8.764969	8.764969	26.3664	26.3664	17.14575	17.14575	25.52251	25.52251
Differentiation Index	98.06	98.67	97.84	98.53	98.16	98.76	98.94	99.23	98.44	98.87	95.08	96.75
Calculated density, g/cc	2.63776	2.63776	2.629316	2.629316	2.631689	2.631689	2.654803	2.654803	2.634624	2.634624	2.697809	2.697809
Calculated liquid density	2.357353	2.357353	2.350214	2.350214	2.352095	2.352095	2.380863	2.380863	2.359871	2.359871	2.429161	2.429161
Calculated viscosity, dry	11.48264	11.48264	11.14515	11.14515	11.29768	11.29768	11.55031	11.55031	11.25418	11.25418	8.985237	8.985237
Calculated viscosity, wet	7.869752	7.869752	7.731094	7.731094	7.790779	7.790779	8.08834	8.08834	7.817102	7.817102	6.910974	6.910974
Estimated liquidus temp.	734.9281	734.9281	747.7857	747.7857	739.6757	739.6757	739.1702	739.1702	744.6271	744.6271	828.4583	828.4583
Estimated H ₂ O content	4.577936	4.577936	4.426458	4.426458	4.5118	4.5118	4.522215	4.522215	4.466849	4.466849	3.519223	3.519223
Zircon	0	0	0	0	0	0	0.014876	0	0	0	0.014876	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Anorthite	5.446041	5.446041	2.440203	2.440203	3.244854	3.244854	14.79461	14.79461	6.710864	6.710864	16.92767	16.92767
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0	0	0	0	0	0	0	0	0	0	0.667059	0.667059
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.769643	0.769643	0.472185	0.472185	0.479728	0.479728	0.58946	0.58946	0.528975	0.528975	2.533	2.533
Albite	29.12731	29.12731	26.84265	26.84265	31.83505	31.83505	38.94287	38.94287	30.5658	30.5658	46.55838	46.55838
Orthoclase	28.54349	28.54349	36.46239	36.46239	30.43457	30.43457	7.859802	7.859802	27.53886	27.53886	3.900353	3.900353
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0

Normative Minerals	MB-02-BG-125		MB-02-BG-126		MB-02-BG-127		MB-02-BG-128		MB-02-QFG-129		MB-02-QFG-130	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	16.65	16.91	20.96	21.22	32.09	32.29	33.34	33.29	35.26	35.17	23.35	23.14
Plagioclase	70.94	71.77	68.37	68.95	38.36	38.77	31.95	32.06	33.29	33.39	22.91	22.93
Orthoclase	7.21	7.58	6.38	6.69	24.17	25.18	31.14	32.19	28.37	29.29	49.94	51.22
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	0.71	0.48	0	0	1.64	1.1	1.25	0.83	1.42	0.95	1.21	0.8
Diopside	0	0	1.59	1.26	0	0	0	0	0	0	0	0
Hypersthene	2.98	2.3	1.57	1.18	2.53	1.89	1.45	1.06	1.24	0.93	1.97	1.49
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.44	0.25	0.32	0.18	0.25	0.14	0.17	0.1	0.04	0.02	0.08	0.04
Magnetite	0.77	0.4	0.72	0.37	0.77	0.39	0.51	0.26	0.32	0.16	0.42	0.21
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.21	0.18	0.02	0.02	0.14	0.12	0.09	0.08	0.02	0.02	0.02	0.02
Zircon	0.03	0.02	0.03	0.02	0.03	0.02	0.04	0.03	0.01	0.01	0.01	0.01
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.01	0.01	0.01	0.01	0.03	0.02	0.01	0.01	0.01	0.01	0.03	0.02
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.09	0.09	0.07	0.07	0.07	0.07	0.09	0.09	0.05	0.04	0.11	0.11
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.06	100.01	100.06	99.99	100.1	100.01	100.06	100.02	100.05	100.01	100.07	100.01
Fe ³⁺ /(Total Fe) in rock	29.8641	29.8641	29.99559	29.99559	30.24287	30.24287	30.13912	30.13912	30.5511	30.5511	30.30915	30.30915
Mg/(Mg+Total Fe) in rock	43.15189	43.15189	34.33698	34.33698	34.21068	34.21068	26.37571	26.37571	40.75034	40.75034	49.31933	49.31933
Mg/(Mg+Fe ²⁺) in rock	51.97594	51.97594	42.75875	42.75875	42.70814	42.70814	33.89746	33.89746	49.75708	49.75708	58.27014	58.27014
Mg/(Mg+Fe ²⁺) in silicates	63.37942	63.37942	53.28222	53.28222	52.04829	52.04829	42.46788	42.46788	56.83669	56.83669	65.8636	65.8636
Ca/(Ca+Na) in rock	30.0653	30.0653	31.01256	31.01256	13.90659	13.90659	12.8774	12.8774	10.8671	10.8671	3.436134	3.436134
Ca/(Ca+Na) in plagioclase	29.54467	29.54467	29.17982	29.17982	13.4424	13.4424	12.41639	12.41639	10.90666	10.90666	2.612675	2.612675
Differentiation Index	94.8	96.26	95.71	96.86	94.62	96.24	96.43	97.54	96.92	97.85	96.2	97.29
Calculated density, g/cc	2.69397	2.69397	2.685611	2.685611	2.669429	2.669429	2.648339	2.648339	2.644615	2.644615	2.627665	2.627665
Calculated liquid density	2.444768	2.444768	2.434892	2.434892	2.379588	2.379588	2.363941	2.363941	2.356402	2.356402	2.359989	2.359989
Calculated viscosity, dry	7.176524	7.176524	8.002777	8.002777	10.26662	10.26662	10.8848	10.8848	11.45505	11.45505	9.414689	9.414689
Calculated viscosity, wet	5.983078	5.983078	6.449898	6.449898	7.382411	7.382411	7.609604	7.609604	7.8558	7.8558	6.936957	6.936957
Estimated liquidus temp.	919.473	919.473	877.1235	877.1235	775.325	775.325	754.8841	754.8841	734.9281	734.9281	805.5463	805.5463
Estimated H ₂ O content	2.548195	2.548195	2.992332	2.992332	4.137939	4.137939	4.369514	4.369514	4.577936	4.577936	3.784534	3.784534
Zircon	0.029752		0.029752		0.029752		0.044629		0.014876		0.014876	
K ₂ SiO ₃	0		0		0		0		0		0	
Anorthite	21.8434		20.79669		5.426639		4.17737		3.827059		0.633971	
Na ₂ SiO ₃	0		0		0		0		0		0	
Acmite	0		0		0		0		0		0	
Diopside	0		1.58957		0		0		0		0	
Sphene	0		0		0		0		0		0	
Hypersthene	2.979832		1.567555		2.532982		1.454302		1.24416		1.968035	
Albite	49.09689		47.57378		32.93507		27.77344		29.46578		22.27334	
Orthoclase	7.209743		6.382396		24.17037		31.14373		28.3662		49.93634	
Wollastonite	0		0		0		0		0		0	

Normative Minerals	MB-02-QFG-131		MB-02-QFG-132		MB-02-QFG-134		MB-02-QFG-135		MB-02-QFG-136		MB-02-QFG-137	
	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %	Weight %	Volume %
	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm	Norm
Quartz	33.86	33.72	36.98	36.87	40.06	40.34	29.56	29.72	17.01	17.55	21.91	21.56
Plagioclase	34.53	34.62	35.02	35.09	27.45	27.84	60.34	60.89	68.29	68.71	27.32	27.04
Orthoclase	29.02	29.91	25.47	26.29	27.18	28.34	6.86	7.13	8.33	8.9	49.76	50.69
Nepheline	0	0	0	0	0	0	0	0	0	0	0	0
Leucite	0	0	0	0	0	0	0	0	0	0	0	0
Kalsilite	0	0	0	0	0	0	0	0	0	0	0	0
Corundum	1.13	0.75	0.99	0.66	0.9	0.61	0.13	0.09	0	0	0.14	0.09
Diopside	0	0	0	0	0	0	0	0	3.39	2.74	0	0
Hypersthene	0.94	0.67	0.98	0.72	2.71	1.86	2.03	1.5	1.13	0.87	0.5	0.35
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0
Olivine	0	0	0	0	0	0	0	0	0	0	0	0
Larnite	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Rutile	0	0	0	0	0	0	0	0	0	0	0	0
Ilmenite	0.06	0.03	0.06	0.03	0.25	0.14	0.23	0.13	0.51	0.3	0.04	0.02
Magnetite	0.33	0.17	0.29	0.15	1.29	0.66	0.67	0.34	0.93	0.49	0.19	0.09
Hematite	0	0	0	0	0	0	0	0	0	0	0	0
Apatite	0.02	0.02	0.09	0.08	0.02	0.02	0.09	0.08	0.12	0.1	0.02	0.02
Zircon	0	0	0.01	0.01	0.04	0.03	0.01	0.01	0.04	0.03	0.01	0.01
Perovskite	0	0	0	0	0	0	0	0	0	0	0	0
Chromite	0.01	0.01	0.01	0.01	0.06	0.03	0.03	0.02	0.01	0.01	0.03	0.02
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Pyrite	0	0	0	0	0	0	0	0	0	0	0	0
Halite	0	0	0	0	0	0	0	0	0	0	0	0
Fluorite	0	0	0	0	0	0	0	0	0	0	0	0
Anhydrite	0	0	0	0	0	0	0	0	0	0	0	0
Na ₂ SO ₄	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Calcite	0.09	0.09	0.09	0.09	0.11	0.11	0.09	0.09	0.3	0.3	0.09	0.09
Na ₂ CO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Total	100.01	100.01	100.01	100.02	100.09	100	100.06	100.02	100.08	100.02	100.03	100
Fe ³⁺ /(Total Fe) in rock	29.69432	29.69432	29.50383	29.50383	29.98436	29.98436	30.12658	30.12658	29.90214	29.90214	29.46667	29.46667
Mg/(Mg+Total Fe) in rock	21.95702	21.95702	31.8613	31.8613	5.666495	5.666495	29.97989	29.97989	32.06781	32.06781	18.33548	18.33548
Mg/(Mg+Fe ²⁺) in rock	28.58032	28.58032	39.87823	39.87823	7.901441	7.901441	37.99476	37.99476	40.2423	40.2423	24.14591	24.14591
Mg/(Mg+Fe ²⁺) in silicates	34.95086	34.95086	47.24775	47.24775	10.59339	10.59339	47.28003	47.28003	51.82988	51.82988	30.3853	30.3853
Ca/(Ca+Na) in rock	9.174536	9.174536	13.53743	13.53743	8.666693	8.666693	14.96547	14.96547	71.58671	71.58671	11.42636	11.42636
Ca/(Ca+Na) in plagioclase	8.556424	8.556424	12.548	12.548	8.228822	8.228822	14.38923	14.38923	69.61784	69.61784	10.78117	10.78117
Differentiation Index	97.41	98.25	97.47	98.25	94.69	96.52	96.76	97.74	93.63	95.16	98.99	99.29
Calculated density, g/cc	2.639183	2.639183	2.64289	2.64289	2.671602	2.671602	2.665547	2.665547	2.736643	2.736643	2.608904	2.608904
Calculated liquid density	2.355191	2.355191	2.355459	2.355459	2.368508	2.368508	2.387512	2.387512	2.525529	2.525529	2.356798	2.356798
Calculated viscosity, dry	11.34508	11.34508	11.82842	11.82842	11.64133	11.64133	10.17031	10.17031	5.528972	5.528972	9.529422	9.529422
Calculated viscosity, wet	7.788672	7.788672	7.983918	7.983918	7.730444	7.730444	7.358117	7.358117	5.024091	5.024091	7.01397	7.01397
Estimated liquidus temp.	736.2383	736.2383	721.4939	721.4939	717.3826	717.3826	771.0012	771.0012	1043.452	1043.452	804.2027	804.2027
Estimated H ₂ O content	4.553727	4.553727	4.722915	4.722915	4.792843	4.792843	4.163871	4.163871	1.404631	1.404631	3.792203	3.792203
Zircon	0	0	0.014876	0.014876	0.044629	0.044629	0.014876	0.014876	0.044629	0.044629	0.014876	0.014876
K ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Anorthite	3.118423	3.118423	4.627325	4.627325	2.384581	2.384581	9.132385	9.132385	48.38878	48.38878	3.105103	3.105103
Na ₂ SiO ₃	0	0	0	0	0	0	0	0	0	0	0	0
Acmite	0	0	0	0	0	0	0	0	0	0	0	0
Diopside	0	0	0	0	0	0	0	0	3.388	3.388	0	0
Sphene	0	0	0	0	0	0	0	0	0	0	0	0
Hypersthene	0.944131	0.944131	0.983276	0.983276	2.710565	2.710565	2.026446	2.026446	1.132071	1.132071	0.499512	0.499512
Albite	31.41196	31.41196	30.39656	30.39656	25.0657	25.0657	51.21231	51.21231	19.90407	19.90407	24.21953	24.21953
Orthoclase	29.01626	29.01626	25.47049	25.47049	27.18428	27.18428	6.855166	6.855166	8.332572	8.332572	49.75905	49.75905
Wollastonite	0	0	0	0	0	0	0	0	0	0	0	0