

Sample	SiO₂	2 sd	TiO₂	2 sd	Al₂O₃	2 sd	Fe₂O₃	2 sd	MnO	2 sd
MBR1	41.235	0.730	0.004	0.013	0.017	0.026	9.859	0.146	0.144	0.019
MBR2	41.202	0.182	0.005	0.011	0.016	0.024	11.305	0.707	0.163	0.028
MBR3	40.932	0.145	0.005	0.006	0.015	0.010	10.156	0.081	0.143	0.009
MBR4	40.583	0.529	0.003	0.009	0.003	0.010	10.347	0.032	0.149	0.012
MBR6	40.992	0.270	0.003	0.009	0.012	0.018	9.088	0.175	0.122	0.014
MBR7	41.239	0.119	0.008	0.016	0.006	0.014	9.244	0.046	0.129	0.013
MBR8	40.671	0.613	0.001	0.002	0.008	0.018	10.008	0.029	0.140	0.011
MBR9	41.002	0.212	0.003	0.007	0.019	0.011	9.827	0.042	0.142	0.017
MBR13	40.665	0.251	0.010	0.014	0.022	0.027	11.840	0.439	0.156	0.020
MBR14	41.273	0.397	0.005	0.009	0.014	0.017	9.047	0.102	0.133	0.010
MBR15	40.739	0.265	0.005	0.016	0.018	0.021	10.420	0.114	0.146	0.012
MBR16	40.795	1.097	0.000	0.002	0.008	0.010	9.015	0.183	0.126	0.009
MBR19	41.336	0.294	0.003	0.012	0.018	0.014	8.925	0.119	0.123	0.013
MBR20	41.179	0.249	0.006	0.017	0.016	0.014	9.594	0.079	0.133	0.012
MBR23	41.525	0.169	0.004	0.012	0.017	0.015	9.544	0.062	0.127	0.009
MBR24	41.102	0.135	0.003	0.009	0.027	0.021	11.005	0.056	0.144	0.015
MBR27	41.425	0.166	0.001	0.006	0.002	0.005	9.354	0.078	0.132	0.014
MBR28	41.441	0.163	0.007	0.016	0.021	0.015	9.086	0.131	0.129	0.015

Sample	MgO	2 sd	CaO	2 sd	Na₂O	2 sd	K₂O	2 sd	Cr₂O₃	2 sd	NiO	2 sd
MBR1	49.256	0.202	0.051	0.020	0.057	0.021	0.009	0.008	0.005	0.009	0.396	0.016
MBR2	48.107	0.718	0.071	0.019	0.044	0.027	0.007	0.013	0.012	0.015	0.398	0.024
MBR3	49.010	0.139	0.065	0.010	0.027	0.009	0.005	0.005	0.014	0.013	0.406	0.011
MBR4	48.906	0.540	0.044	0.019	0.036	0.015	0.005	0.006	0.006	0.010	0.400	0.016
MBR6	49.533	0.416	0.047	0.020	0.089	0.113	0.014	0.028	0.010	0.025	0.409	0.014
MBR7	48.237	0.785	0.035	0.015	0.018	0.018	0.007	0.013	0.013	0.028	0.395	0.031
MBR8	49.126	0.500	0.043	0.011	0.029	0.013	0.009	0.016	0.007	0.014	0.401	0.009
MBR9	49.357	0.109	0.061	0.013	0.061	0.041	0.010	0.006	0.013	0.040	0.407	0.017
MBR13	46.851	0.182	0.076	0.015	0.008	0.009	0.000	0.000	0.015	0.025	0.369	0.026
MBR14	49.325	0.615	0.062	0.012	0.003	0.006	0.000	0.000	0.012	0.023	0.379	0.013
MBR15	48.420	0.397	0.068	0.018	0.005	0.010	0.000	0.000	0.015	0.037	0.384	0.021
MBR16	49.704	0.852	0.045	0.013	0.004	0.012	0.000	0.000	0.004	0.018	0.390	0.013
MBR19	49.150	0.619	0.062	0.022	0.004	0.013	0.003	0.006	0.009	0.019	0.392	0.013
MBR20	47.666	0.483	0.056	0.025	0.031	0.034	0.005	0.008	0.011	0.025	0.399	0.026
MBR23	48.686	0.513	0.057	0.012	0.006	0.010	0.003	0.007	0.009	0.018	0.399	0.006
MBR24	47.369	0.337	0.074	0.016	0.010	0.009	0.001	0.002	0.016	0.027	0.380	0.015
MBR27	48.661	0.392	0.039	0.011	0.003	0.008	0.002	0.006	0.005	0.010	0.404	0.016
MBR28	48.686	0.415	0.053	0.022	0.004	0.010	0.002	0.005	0.016	0.022	0.400	0.012

Table B.2.2.1.1. Major element compositions of cores of olivine grains from Mont Briançon peridotite xenoliths. All concentrations expressed as weight %. All values are the mean of at least 3 analyses made by electron microprobe at The Open University.