

Details of the BRS samples analysed for Whole Rock Analysis for Major Oxides

Sample No.	Primary Sample No.	Latitude	Longitude	SiO ₂ %	Al ₂ O ₃ %	Fe ₂ O ₃ %	MnO%	MgO%	CaO%	Na ₂ O%	K ₂ O%	TiO ₂ %	P ₂ O ₅ %	LOI%
MLMO-01	MLBRS-1	25.73614297	92.80349784	58.84	16.15	8.18	0.16	1.80	3.24	2.23	6.60	1.08	0.28	0.98
MLMO-02	MLBRS-2	25.7343	92.80381266	73.07	15.78	0.52	0.01	0.08	3.29	4.27	2.01	0.04	0.02	0.75
MLMO-03	MLBRS-3	25.82290006	92.8416097	65.24	16.19	2.32	0.06	0.32	1.51	2.03	11.11	0.22	0.20	0.45
MLMO-04	MLBRS-15	25.82387994	92.7945986	68.25	15.56	2.86	0.03	0.45	2.96	3.53	5.16	0.38	0.17	0.37
MLMO-05	MLBRS-17	25.82623663	92.79520713	67.86	15.06	3.88	0.10	0.92	3.18	2.85	4.71	0.36	0.08	0.67
MLMO-06	MLBRS-18	25.81795104	92.78783876	55.07	14.74	10.19	0.14	2.49	4.48	2.32	6.13	1.59	0.77	0.97
MLMO-07	MLBRS-21	25.81044992	92.8557637	69.60	15.24	0.59	0.02	0.11	0.99	2.01	10.25	0.07	0.02	0.84
MLMO-08	MLBRS-22	25.75389274	92.77064648	65.06	16.59	2.01	0.04	0.31	0.87	2.28	11.50	0.18	0.19	0.59
MLMO-09	MLBRS-23	25.74506515	92.75752846	63.46	15.86	5.08	0.10	1.14	2.22	2.24	7.90	0.74	0.20	0.49
MLMO-10	MLBRS-28	25.74396709	92.81110626	61.74	16.15	5.66	0.13	1.15	2.20	2.16	8.47	0.74	0.20	0.69
MLMO-11	MLBRS-38	26.039209	91.891435	62.07	15.43	6.35	0.13	1.39	3.17	2.58	6.45	0.92	0.25	0.74
MLMO-12	MLBRS-39	26.038343	91.891563	59.73	15.97	6.41	0.14	1.28	3.47	3.07	7.02	0.95	0.50	0.68
MLMO-13	MLBRS-41	26.033837	91.88446	13.31	12.19	57.71	0.14	0.04	0.02	0.03	0.08	1.86	0.62	13.82
MLMO-14	MLBRS-42	26.045393	91.900832	67.87	15.76	2.07	0.05	0.31	1.52	2.79	8.28	0.23	0.11	0.70
MLMO-15	MLBRS-49	26.03545	91.89633	70.58	14.87	0.98	0.12	0.10	1.39	2.66	8.21	0.05	0.08	0.74