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 Page : 4 of 6

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### ANALYTICAL DATA

Sample	MgO	CaO	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>		
MC39 34.0-35.0	41.94	4.04	3.69	2.25		
MC39 36.8-38.0	39.90	3.47	8.61	1.51		
MC39 38.0-39.0	38.55	2.08	13.66	1.34		
MC39 39.0-40.0	41.51	4.19	3.66	1.60		
MC39 40.0-41.0	42.43	3.44	3.56	1.62		
MC39 41.0-42.0	40.84	2.87	8.03	1.73		
MC39 42.0-43.0	32.72	8.23	17.47	1.40		
MC39 43.0-44.0	39.19	2.91	11.32	1.57		
MC39 45.0-46.0	43.33	2.86	1.13	1.95		41.0-53.0 (class scheme 11m 40.99)
MC39 46.0-47.0	40.85	2.84	6.05	2.05		
MC39 47.0-48.0	41.72	3.27	3.96	1.66		
MC39 48.0-49.0	41.10	4.01	3.93	1.77		3.42 (P <sub>2</sub> O <sub>5</sub> due to talc)
MC39 49.0-50.0	43.08	2.89	3.13	1.72		
MC39 50.0-51.0	41.81	2.44	6.33	1.59		
MC39 51.0-52.0	42.49	2.92	3.57	1.53		
MC39 52.0-53.0	43.84	2.39	1.54	1.37		
MC39 53.0-54.0	42.55	3.26	3.50	1.52		
MC39 54.0-55.0	41.91	4.26	2.60	1.73		
MC39 55.0-56.0	40.43	6.48	2.25	1.36		
MC39 56.0-57.0	42.21	4.88	1.51	1.27		
MC39 57.0-58.0	38.09	9.31	1.45	1.75		
MC39 58.0-59.0	39.95	5.91	3.79	1.48		
MC39 59.0-60.0	43.17	3.61	1.21	1.51		
MC39 60.0-61.0	43.01	3.90	1.85	1.53		
MC39 61.0-62.0	43.12	3.60	1.95	1.47		
MC39 62.0-63.0	42.96	3.51	3.59	1.29		
MC39 63.0-64.0	44.16	2.70	2.41	1.28		
MC39 64.0-65.0	42.45	3.79	4.17	1.37		
MC39 65.0-66.0	42.68	3.46	4.64	1.48		
MC39 66.0-67.0	43.02	4.11	1.95	1.29		
MC39 67.0-68.4	42.01	4.79	3.04	1.39		
MC39 71.3-73.0	38.22	8.54	3.22	1.62		
MC39 073.0-074.0	31.54	16.26	3.65	1.29		
MC39 074.0-075.0	28.26	20.16	4.90	1.15		
MC39 075.0-076.0	31.88	14.41	7.16	1.26		
MC39 076.0-077.0	41.43	3.96	5.96	1.58		
MC39 077.0-078.0	43.85	3.00	1.29	1.49		
MC39 078.0-079.0	43.53	2.81	3.70	1.43		
MC39 079.0-080.0	44.13	2.70	0.75	1.39		
MC39 080.0-081.0	43.15	3.40	2.95	1.47		
MC39 081.0-082.0	43.16	4.02	1.39	1.45		
MC39 082.0-083.0	41.84	5.22	2.18	1.44		
MC39 083.0-084.0	42.88	4.08	2.11	1.38		
MC39 084.0-085.0	42.12	5.31	0.67	1.38		
MC39 085.0-086.0	43.41	3.89	0.77	1.36		
MC39 086.0-087.0	45.10	2.00	0.74	1.43		
MC39 087.0-088.0	43.85	2.60	2.22	1.56		
MC39 088.0-089.0	44.51	2.06	1.75	1.48		
MC39 089.0-090.0	44.03	2.19	3.22	1.40		
MC39 090.0-091.0	44.27	2.61	1.39	1.42		
Method	X408	X408	X408	X408		
Units	%	%	%	%		
Detection Limit	0.01	0.01	0.05	0.01		

Notes: N.A. = not analysed, -- = element not determined, I.S. = insufficient sample, L.N.R. = listed not received