

Details of the BRS samples analysed for XRD Mineral phases						
Sample No.	Primary Sample No.	Latitude	Longitude	Major ($\geq 5\%$)	Minor ($\leq 5\%$ to $\geq 1\%$)	Trace, Faint Trace ($\leq 1\%$)
MLX-01	MLBRS-01	25.736143	92.80349784	Quartz, Labradorite, Oligoclase, Microcline, Biotite	Phlogopite, Orthoclase	_____
MLX-02	MLBRS-03	25.8229	92.8416097	Microcline, Quartz, Oligoclase, Albite	Dickite	Orthoclase
MLX-03	MLBRS-15	25.82388	92.7945986	Quartz, Oligoclase, Anorthite, Microcline, Albite	Annite	_____
MLX-04	MLBRS-18	25.817951	92.78783876	Quartz, Labradorite, Anorthoclase, Biotite, Albite, Phlogopite	_____	Annite-Siderophyllite
MLX-05	MLBRS-31	25.822681	92.79533118	Quartz, Andesine, Anorthoclase, Phlogopite, Microcline	Biotite, Albite, Anorthite	Zeolite
MLX-06	MLBRS-38	25.735764	92.75758881	Quartz, Albite, Microcline, Bytownite, Phlogopite	_____	_____
MLX-07	MLBRS-39	25.798526	92.80975395	Anorthite, Quartz, Oligoclase, Orthoclase, Albite, Biotite	_____	_____
MLX-08	MLS-30	25.795	92.806	Quartz, Kaolinite, Phlogopite, Microcline, Muscovite	_____	Zeolite
MLX-09	MLS-56	25.818067	92.78690133	Quartz, Kaolinite, Microcline, Muscovite	Illite, Phlogopite	Anatase, Xenotime
MLX-10	MLSS-18	25.762	92.778	Quartz, Microcline, Anorthite	Albite	_____