

Appendix. *Continued.* RELAB ID of all lunar impact melt or melt breccia samples measured in the RELAB. The particle size (MinSize, MaxSize) and prepared Texture are identified for each. Spectra available for each sample can be found in the RELAB Spectra Catalogue.

RELAB ID	Sample name	Suite	Description	MiniSize	MaxSize	Texture
LS-CMP-099	72255,338		Impact melt	0	0	Chip
LS-CMP-099-A	72255,338	2C1	Impact melt	0	0	Bulk particulate
LS-CMP-099-B	72255,338		Impact melt	0	25	Particulate-dry
LS-CMP-099-C	72255,338		Impact melt	25	45	Particulate-wet
LS-CMP-099-D	72255,338		Impact melt	45	75	Particulate-wet
LS-CMP-099-E	72255,338		Impact melt	0	25	Particulate-wet
LS-CMP-039	72435,77	1B	Micropoikilitic impact melt breccia	0	25	Particulate
LS-CMP-039-A	72435,80	1B-G	Fused impact melt breccia	0	125	Particulate
LS-CMP-029	73155,53	1B	Impact melt breccia	0	25	Particulate
LS-CMP-029-A	73155,54	1B-G	Fused impact melt breccia	0	125	Particulate
LS-CMP-018	73217,78	1A	Impact melt breccia	0	25	Particulate
LS-CMP-018-A	73217,79	1A-G	Fused impact melt breccia	0	125	Particulate
LX-CMP-002	76015 Xt05 + G195		Mixture	0	45	Particulate
LX-CMP-004	76015 Xt10 + G190		Mixture	0	45	Particulate
LX-CMP-006	76015 Xt20 + G180	Mix	Mixture	0	45	Particulate
LX-CMP-008	76015 Xt30 + G170		Mixture	0	45	Particulate
LX-CMP-010	76015 Xt40 + G160	Mix	Mixture	0	45	Particulate
LX-CMP-011	76015 Xt50 + G150		Mixture	0	45	Particulate
LX-CMP-009	76015 Xt60 + G140	Mix	Mixture	0	45	Particulate
LX-CMP-007	76015 Xt70 + G130		Mixture	0	45	Particulate
LX-CMP-005	76015 Xt80 + G120	Mix	Mixture	0	45	Particulate
LX-CMP-003	76015 Xt90 + G110		Mixture	0	45	Particulate
LX-CMP-001	76015 Xt95 + G105		Mixture	0	45	Particulate
LS-CMP-028	76015,191	1A	Vesicular micropoikilitic impact melt breccia	0	25	Particulate
LS-CMP-082	76015,192	1A-G	Fused vesicular micircular micropoikilitic impact melt breccia	0	125	Particulate
LS-CMP-028-A	76015,211	1A-G	Fused impact melt breccia	0	125	Particulate
LS-CMP-092	76055,78		Impact melt	0	0	Natural
LS-CMP-092-A	76055,78	2A	Impact melt	0	0	Bulk particulate
LS-CMP-077	76215,113	1A	Vesicular micropoikilitic impact melt breccia	0	25	Particulate
LS-CMP-077-A	76215,119	1A-G	Fused impact melt breccia	0	125	Particulate
LS-CMP-079	76295,123	1B	Impact melt breccia	0	25	Particulate
LS-CMP-079-A	76295,126	1B-G	Fused impact melt breccia	0	125	Particulate
LS-CMP-035	77075,141	1B	Impact melt dike cataclastic norite	0	25	Particulate
LS-CMP-035-A	77075,142	1B-G	Fused impact melt breccia	0	125	Particulate