
SAMPLE INVENTORY FOR VOLUME 4

Sample	Mass (g)	Location	Description	Page
76015	2819	Boulder 6	Vesicular Micropoikilitic Impact Melt Breccia	11
76035	376.2		Nonvesicular Impact Melt Breccia	25
76036	3.95		Impact Melt Breccia	27
76037	2.52		High-Ti Mare Basalt	29
76055	6412		Impact Melt Breccia	31
76135	133.5	LRV10	Vesicular Poikilitic Impact Melt Breccia	39
76136	86.6	LRV10	High-Ti Mare Basalt	41
76137	2.46	LRV10	Poikilitic Impact Melt Breccia	45
76215	643.9	Boulder 6	Vesicular Micropoikilitic Impact Melt Breccia	47
76235	26.56	Boulder 6	Feldspathic Granulitic Impactite	57
76236	19.18	Boulder 6	Feldspathic Granulitic Impactite	65
76237	10.31	Boulder 6	Feldspathic Granulitic Impactite	67
76238	8.21	Boulder 6	Feldspathic Granulitic Impactite	69
76239	6.23	Boulder 6	Feldspathic Granulitic Impactite	71
76245	8.24	Shadowed	Impact Melt Breccia	73
76246	6.5	Shadowed	Impact Melt Breccia	75
76255	406.6	Boulder 6	Banded Impact Melt Breccia	77
76265	1.75	Trench	Impact Melt Breccia	89
76275	55.93	Boulder 6	Impact Melt Breccia	91
76285	2.208	Trench	Agglutinate	97
76286	1.704	Trench	Impact Melt Breccia	99
76295	260.7	Boulder 6	Impact Melt Breccia	103
76305	4.01	Boulder 6	Feldspathic Granulitic Impactite	113
76306	4.25	Boulder 6	Feldspathic Granulitic Impactite	113
76307	2.49	Boulder 6	Feldspathic Granulitic Impactite	113
76315	671.1	Boulder 6	Micropoikilitic Impact Melt Breccia	115
76335	502.89	BSLSS	Cataclastic Troctolite	125
76505	4.69	Soil	Micropoikilitic Impact Melt Breccia	129
76506	2.81		Dark Matrix Regolith Breccia	131
76535	155.5	Rake	Troctolite	137
76536	10.26	Rake	Crushed Troctolite	153
76537	26.48	Rake	High-Ti Mare Basalt	159
76538	5.87	Rake	High-Ti Mare Basalt	163
76539	14.8	Rake	Aphanitic High-Ti Mare Basalt	165
76545	51.21	Rake	Dark Matrix Regolith Breccia	169
76546	0		<i>Combined with 76545</i>	

Sample	Mass (g)	Location	Description	Page
76547	0		<i>Combined with 76545</i>	
76548	2.527	Rake	Dark Matrix Regolith Breccia	175
76549	0		<i>Combined with 76545</i>	
76555	8.435	Rake	Micropoikilitic Impact Melt Breccia	177
76556	7.396	Rake	Micropoikilitic Impact Melt Breccia	179
76557	5.592	Rake	Micropoikilitic Impact Melt Breccia	181
76558	0.683	Rake	Impact Melt Breccia	183
76559	0.747	Rake	Poikilitic Impact Melt Breccia	185
76565	11.6	Rake	Dark Matrix Regolith Breccia	187
76566	2.639	Rake	Dark Matrix Regolith Breccia	193
76567	5.49	Rake	Light Matrix Regolith Breccia	195
76568	9.477	Rake	Aphanitic High-Ti Mare Basalt	197
76569	4.207	Rake	Aphanitic Impact Melt Breccia	199
76575	16.25	Rake	Feldspathic Impact Melt Breccia	201
76576	5.327	Rake	Micropoikilitic Impact Melt Breccia	205
76577	13.54	Rake	Poikilitic Impact Melt Breccia	209
77017	1730	Station 7	Poikilitic Anorthositic Gabbro	211
77035	5727		Micropoikilitic Impact Melt Breccia	227
77075	172.4	Boulder 7	Impact Melt Dike in Cataclastic Norite	241
77076	13.97	Boulder 7	Impact Melt Dike in Cataclastic Norite	251
77077	5.45	Boulder 7	Cataclastic Norite with Back Veinlets	253
77115	115.9	Boulder 7	Micropoikilitic Impact Melt Breccia	257
77135	337.4	Boulder 7	Vesicular Poikilitic Impact Melt Rock	267
77215	846.4	Boulder 7	Cataclastic Norite	283
77515	337.6	Soil	Poikilitic Impact Melt Breccia	299
77516	103.7		High-Ti Mare Basalt	303
77517	45.6		Unique Fragmental Breccia	307
77518	42.5		Micropoikilitic Impact Melt Breccia	311
77519	27.4		Micropoikilitic Impact Melt Breccia	315
77525	1.19		Impact Melt Breccia	317
77526	1.07		Impact Melt Breccia	319
77535	577.8	Soil	High-Ti Mare Basalt	321
77536	355.3		High-Ti Mare Basalt	327
77537	71.7		Impact Melt Breccia	331
77538	47.2		Unusual Fragmental Breccia	333
77539	39.6		Poikilitic Impact Melt Breccia	337
77545	29.5		Poikilitic Impact Melt Breccia	341
78135	133.9	Station 8	High-Ti Mare Basalt	345
78155	401.1		Feldspathic Granulitic Impactite	351
78235	199	Boulder 8	Shocked Norite	367

Sample	Mass (g)	Location	Description	Page
78236	93.06	Boulder 8	Shocked Norite	381
78237	0		<i>Combined with 78235</i>	
78238	57.58	Boulder 8	Shocked Norite	391
78255	48.31	Boulder 8	Shocked Norite	393
78256	0		<i>Combined with 78255</i>	
78465	1.039	Trench	Soil Breccia	397
78505	506.3	Soil	High-Ti Mare Basalt	401
78506	55.97		High-Ti Mare Basalt	405
78507	23.35		High-Ti Mare Basalt	409
78508	10.67		Light Matrix Breccia	413
78509	8.68		High-Ti Mare Basalt	415
78515	4.76		Dark Matrix Breccia	419
78516	3.18		Dark Matrix Soil Breccia	423
78517	1.82		Friable White Cataclasite	427
78518	0.88		Dark Matrix Soil Breccia	429
78525	5.11	Rake	Agglutinate	431
78526	8.77	Rake	Green Glass Vitrophyre	433
78527	5.16	Rake	Granulitic Noritic Breccia	439
78528	7	Rake	Basalt	443
78535	103.4	Rake	Dark Matrix Breccia	445
78536	8.67	Rake	Dark Matrix Breccia	449
78537	11.76	Rake	Dark Matrix Breccia	451
78538	5.82	Rake	Dark Matrix Breccia	453
78539	3.73	Rake	Dark Matrix Breccia	455
78545	8.6	Rake	Dark Matrix Breccia	457
78546	42.66	Rake	Dark Matrix Breccia	459
78547	29.91	Rake	Dark Matrix Soil Breccia	463
78548	15.95	Rake	Soil Clod	467
78549	16.09	Rake	Soil Clod	471
78555	6.64	Rake	Soil Breccia	475
78556	9.5	Rake	Dark Matrix Soil Breccia	479
78557	7.19	Rake	Dark Matrix Soil Breccia	481
78558	3.78	Rake	Dark Matrix Soil Breccia	483
78559	3.05	Rake	Dark Matrix Soil Breccia	485
78565	3.5	Rake	Dark Matrix Soil Breccia	487
78566	0.77	Rake	Dark Matrix Soil Breccia	489
78567	18.88	Rake	Dark Matrix Soil Breccia	491
78568	3.57	Rake	Breccia	493
78569	14.53	Rake	High-Ti Mare Basalt	495
78575	140	Rake	High-Ti Mare Basalt	499

Sample	Mass (g)	Location	Description	Page
78576	11.64	Rake	High-Ti Mare Basalt	503
78577	8.84	Rake	High-Ti Mare Basalt	509
78578	17.13	Rake	High-Ti Mare Basalt	513
78579	6.07	Rake	High-Ti Mare Basalt	517
78585	44.6	Rake	High-Ti Mare Basalt	521
78586	10.73	Rake	High-Ti Mare Basalt	525
78587	11.48	Rake	High-Ti Mare Basalt	529
78588	3.77	Rake	High-Ti Mare Basalt	535
78589	4.1	Rake	High-Ti Mare Basalt	539
78595	4.19	Rake	High-Ti Mare Basalt	543
78596	7.55	Rake	High-Ti Mare Basalt	547
78597	319.1	Rake	High-Ti Mare Basalt	551
78598	224.1	Rake	High-Ti Mare Basalt	557
78599	198.6	Rake	High-Ti Mare Basalt	563