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Introduction

This newsletter reports the classification of meteorites collected from ice fields near the Yamato Mountains and Nansen Ice Field by JARE (Yamato 74, 75, 79, 86, 98, and 00, Belgica 98, and Asuka 87, 88, and 90 meteorites) and meteorites from the Nansen Ice Field by the Japan-Belgium joint expeditions (Asuka 09, 10, and 12 meteorites). Asuka 09, 10, and 12 meteorites are shared by National Institute of Polar Research (NIPR) in Tokyo and Royal Belgian Institute of Natural Sciences (RBINS) in Brussels. This newsletter includes 1,000 meteorite names including 27 carbonaceous chondrites (16 CM, 4 CO, 2 CV, 1 CH, 1 CK, and 2 ungrouped), 2 lodranites, 2 ureilites, 28 HED meteorites, and 1 martian meteorite (shergottite).

Classification

The classification was made with visual inspection of meteorites and petrographic observations of polished thin and thick sections as well as compositions of major minerals (olivine, pyroxene, and plagioclase) obtained by electron microprobes (JEOL JXA 8800 and 8200 at NIPR). Typical numbers of olivine analysis for ordinary chondrites are ~20-30. Enstatite chondrites were classified into EH and EL groups on the basis of Si contents in kamacite. Table 1 presents the results of classifications (groups, averages and ranges of olivine Fa and low-Ca pyroxene Fs, fracturing, and weathering degrees).

Sample requests

Requests for Yamato, Asuka (87, 88, and 90) and Belgica samples will be reviewed in a timely manner by the curator at NIPR and requests of Asuka 09, 10, and 12 meteorites by scientific members at NIPR, RBINS, Vrije Universiteit Brussel (VUB), and Université Libre de Bruxelles (ULB).

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Table 1. List of meteorites classified in this volume.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y-74052	H5	58.180	19.1	17.8-21.2	17.0	16.0-18.6	C	B/C	
Y-74060	H5	17.100	19.1	17.3-21.6	16.8	15.5-18.9	B	B	Breccia
Y-74426	H4	29.800	19.7	18.0-24.5	17.4	16.2-21.6	B	A	
Y-75070	L6	4.750	25.6	24.5-27.5	21.7	20.5-23.4	B	A	Shock vein
Y-790192	H5	12.170	19.3	18.1-21.8	16.8	15.6-17.6	B	C	
Y-790258	H5	21.560	19.3	17.9-20.7	17.3	16.3-17.9	B	B	
Y-790730	L6	58.320	26.0	24.4-33.1	21.5	20.5-23.4	B	B	
Y-791540	LL6	9.950	29.8	28.1-34.3	24.0	23.1-24.9	A	A/B	
Y-791672	L6	5.130	24.9	23.9-26.4	21.7	19.6-25.1	B	A/B	
Y-791739	H4	8.420	18.9	17.6-20.7	17.0	16.3-20.0	B	A/B	
Y-791754	L5	9.250	24.4	22.6-25.8	21.3	20.3-23.7	A	B	
Y-791755	L5	7.700	25.4	24.2-27.9	21.7	20.4-24.5	B	B	
Y-791838	Dio	16.000			24.7	22.2-26.4		A	
Y-791860	H6	25.160	19.3	18.2-20.8	16.7	15.4-17.7	B	B/C	
Y-792555	H6	9.970	19.3	18.3-23.1	16.8	15.7-17.4	C	B/C	
Y-792566	H5	6.080	19.5	18.1-23.4	17.3	15.9-20.8	B	C	
Y-792570	H5	7.630	19.5	18.8-20.6	17.0	16.2-17.9	B	B	
Y-792571	H5	5.140	19.3	18.4-19.8	17.2	16.4-19.5	B	A/B	
Y-792572	H5	6.100	19.4	18.8-21.0	17.1	16.4-18.9	B	B	
Y-794039	Dio	42.720			24.4	22.7-25.6		A/B	
Y-86677	H6	31.810	19.6	17.3-21.1	17.2	16.2-17.6	B	A	
A-87024	H6	8.651	18.8	17.8-19.3	17.1	15.9-20.4	B	A/B	
A-87060	H6	9.078	19.9	18.6-20.7	17.4	16.5-18.2	C	B	
A-87063	H6	9.636	20.1	19.1-21.0	17.4	16.6-17.9	C	B	
A-87065	H5	9.147	18.8	17.7-19.6	16.7	14.6-18.9	C	A/B	
A-87073	H5	8.372	19.9	18.7-24.6	17.7	16.0-22.1	B	A	Slightly brecciated
A-87081	H5	9.030	17.2	15.8-21.7	15.7	13.8-19.5	B	A/B	
A-87083	L6	8.355	25.5	24.5-28.7	21.9	20.7-25.7	B	A	
A-87102	H6	8.995	19.0	18.2-19.9	17.1	16.1-18.7	C	A/B	
A-87301	H6	9.055	19.6	18.1-21.4	17.6	16.3-20.5	B	B	
A-87314	LL6	8.446	31.0	29.5-34.3	24.6	22.3-25.4	A	A	
A-880611	L6	1846.4	25.5	24.3-27.6	21.7	19.7-24.3	A	A/B	Shock vein
A-881188	L6	9.688	25.0	24.2-26.0	21.3	20.6-22.3	B	A	
A-881487	Euc	12.921			64.1	62.0-65.8		A	An85.4-89.3
A-881689	Euc	29.962			39.8	38.6-41.3		A	An92.4-94.1
A-881878	Euc	10.530			61.5	58.4-66.4		A/B	An82.3-91.6
A-881898	Euc	55.820			61.1	58.4-63.0		A	An67.3-92.8
A-9003	C, ungr	1.696	19.3	0.5-31.5	17.1	0.9-9.5	B	A	Y-82094 like
Y 980001	H6	1.551	19.0	17.5-22.0	16.8	15.9-19.0	C	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 980002	L6	1.076	25.3	24.1-28.9	21.3	20.5-23.3	B	A	
Y 980004	L6	0.445	25.2	23.7-26.3	21.2	20.3-22.6	A	A/B	Shock vein
Y 980012	L5	1.321	25.3	23.7-29.8	21.2	20.4-22.6	A	A	
Y 980019	L6	2.565	25.3	24.0-26.7	21.3	19.9-24.8	B	A/B	
Y 980030	H5	2.898	19.3	18.2-23.1	16.5	15.5-17.7	B/C	A	
Y 980031	L6	1.816	24.8	23.4-26.1	21.4	20.1-24.9	B	A	Shock vein
Y 980033	L4	1.272	23.9	17.6-27.0	19.8	9.4-33.7	A	A	
Y 980034	H5	1.169	19.4	17.9-23.5	16.8	15.4-19.0	B	A	
Y 980037	CM	2.675	8.7	0.3-62.1	1.3	0.9-2.5	A	A	
Y 980038	CM	2.560	5.4	0.3-54.3	2.8	0.9-7.1		A/B	
Y 980039	CM	7.683	7.6	0.5-51.3	3.3	0.8-8.6	A	A	
Y 980040	CO	14.932	15.4	0.3-60.4	3.2	0.9-11.2	A	A/B	
Y 980043	H5	1.267	19.1	18.3-20.0	16.8	15.3-18.4	B	A	
Y 980045	L6	1.741	25.3	24.4-26.4	21.7	20.2-25.9	A	A/B	
Y 980046	LL6	1.419	32.6	30.7-33.7	26.6	25.7-28.4	A	A	Breccia
Y 980060	H6	6.974	19.5	18.3-20.5	17.2	16.5-17.7	B	A	
Y 980069	H5	2.213	19.0	18.1-20.0	16.9	15.0-19.2	B	A/B	
Y 980080	H5	0.994	19.8	18.7-23.3	17.1	15.3-18.8	C	A	
Y 980083	CM	2.447	5.8	0.5-44.7	4.7	0.9-8.8	A	A/B	
Y 980084	CM	2.538	8.6	0.3-44.5	3.0	0.8-13.6	A	A	
Y 980089	CM	1.336	6.7	0.3-52.4	1.2	0.9-1.6		A/B	
Y 980103	L6	2.569	25.8	23.8-29.0	21.7	20.9-23.6	B	A	
Y 980111	CM	2.579	7.7	0.3-48.1	3.8	1.1-7.0	A	A/B	
Y 980126	H6	2.982	19.3	18.4-22.5	16.7	15.0-19.8	B	A	
Y 980138	H6	1.616	19.9	18.4-21.9	17.6	15.7-21.6	B	A/B	
Y 980151	CM	1.002	10.5	0.4-50.7	1.2	1.1-1.4	A	A/B	
Y 980154	L6	93.31	25.6	24.4-27.6	22.1	20.5-26.9	A	B/C	Breccia
Y 980158	H5	0.969	19.1	17.2-21.3	16.8	15.8-18.0	B	A	
Y 980168	L6	2.104	25.6	24.4-26.8	21.5	20.1-24.3	B	A	
Y 980177	CV	1.959	1.2	0.4-3.7	1.4	0.6-3.7	B	A/B	
Y 980184	L5	2.486	24.7	23.9-25.3	20.5	19.6-21.2	B	A	
Y 980185	H6	1.503	19.9	19.1-23.1	17.4	16.5-17.9	B	A	
Y 980189	Euc	1.219			38.1	29.1-42.9		A	An79.3-94.9
Y 980190	L6	0.427	26.0	25.1-27.7	22.0	20.5-24.2	B	A	
Y 980195	H6	1.044	19.2	18.5-20.0	17.1	16.3-17.6	C	A/B	
Y 980199	CM	2.313	9.4	0.5-47.4	4.7	1.7-8.4	A	A/B	
Y 980200	L6	1.952	25.8	24.4-27.5	21.4	20.9-22.0	A	A	
Y 980203	L6	1.041	25.6	24.5-28.2	21.8	20.9-24.4	A	A/B	
Y 980213	H5	2.826	19.1	18.3-20.8	16.9	15.8-17.6	C	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 980216	L6	2.009	25.5	24.8-26.2	21.4	19.0-24.0	B	A	
Y 980218	H6	2.453	18.5	17.8-19.9	16.4	16.0-16.9	C	A	
Y 980221	L6	1.731	26.0	24.4-29.1	21.7	20.5-23.7	B	A	
Y 980224	H6	2.999	19.9	18.6-22.8	17.1	16.2-18.5	B	A	
Y 980228	L6	1.322	25.6	24.5-26.6	21.7	20.1-24.1	B	A	
Y 980229	L6	2.900	25.7	24.9-27.4	21.9	21.0-23.0	B	A	
Y 980234	L6	1.723	26.0	24.9-28.1	22.0	20.4-25.7	A	A	
Y 980236	L6	2.174	25.7	24.5-27.5	21.5	20.5-23.1	B	A	Shock vein
Y 980243	CM	1.733	11.6	0.3-41.8	4.7	3.2-5.7		A/B	
Y 980249	L6	1.867	25.6	24.6-28.4	21.5	20.9-21.9	B	A	Shock vein
Y 980256	H6	3.288	19.4	17.8-21.5	17.3	16.6-18.3	B	A	
Y 980262	L6	2.052	25.9	25.0-26.7	21.5	20.2-23.4	A	A	
Y 980265	L6	3.900	25.4	24.3-27.0	21.5	20.6-22.2	B	B	
Y 980266	L6	1.421	25.7	24.5-28.9	21.6	21.0-22.1	B	A	
Y 980268	L6	0.430	25.0	24.0-26.4	21.1	19.9-23.3	B	A	
Y 980271	L6	2.221	25.8	24.5-28.2	22.0	20.5-24.6	B	A	
Y 980277	L6	1.975	25.6	24.6-26.8	22.3	21.1-25.1	B	A	
Y 980280	H5	1.424	18.6	17.8-21.1	16.5	15.5-17.3	B	A	
Y 980285	L5	1.174	23.8	22.5-26.1	20.4	18.9-22.1	B	A	
Y 980286	L6	2.390	25.9	24.8-29.0	22.3	21.1-24.1	B	A	Shock vein
Y 980288	L6	2.474	25.7	24.6-27.7	21.9	21.0-22.8	B	A	
Y 980289	L6	0.815	25.7	24.6-27.6	21.5	21.1-22.2	B	A/B	
Y 980291	LL6	1.803	31.9	30.6-33.0	25.7	24.8-26.5	B	A	
Y 980295	L6	2.147	26.0	24.9-29.0	21.8	20.1-24.0	B	A	
Y 980300	L6	2.654	25.9	24.7-28.3	21.6	20.0-24.1	B	A	
Y 980306	H5	2.253	19.4	17.5-21.4	16.9	14.5-18.1	B	A	
Y 980309	L6	2.564	25.7	24.7-27.4	21.5	21.0-22.1	B	A/B	
Y 980311	H6	1.188	19.1	17.9-22.3	16.9	16.4-17.7	C	A/B	
Y 980314	L6	2.180	25.9	24.2-28.0	22.0	21.1-23.7	B	A	Shock vein
Y 980315	Euc	1.298			47.9	46.2-48.8		A	An87.2-90.2
Y 980332	H6	0.832	20.3	19.0-23.5	17.8	16.4-19.7	B	A	
Y 980333	L5	0.721	25.2	23.9-26.2	21.8	20.2-24.3	B	A	
Y 980334	L6	0.416	25.6	24.5-26.7	21.9	20.8-23.3	B	A	
Y 980335	L6	2.810	25.9	25.1-27.9	21.9	21.3-22.8	B	A/B	Shock vein
Y 980337	Euc	0.425			48.9	46.4-49.9		A	An86.8-90.4
Y 980339	LL6	4.626	30.6	28.9-32.6	25.3	23.0-26.6	A	A/B	
Y 980345	L6	2.585	25.1	23.5-28.5	21.2	20.2-22.6	B	A	
Y 980346	H6	0.674	19.6	18.3-23.8	17.2	15.7-18.9	B	A	
Y 980349	L6	0.969	25.2	23.7-27.0	21.8	20.0-25.0	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 980361	L5	1.996	26.3	25.2-28.0	22.2	20.7-24.7	B	A	
Y 980363	CM	2.092	10.4	0.5-40.9	11.2	1.0-38.7		A	
B 9813	LL5	3.587	28.1	26.7-29.1	22.9	21.7-23.6	B	A	Breccia
B 9819	LL4	80.76	28.3	27.5-28.9	23.7	22.7-25.8	B	C	
Y 000008	H4	2.594	17.8	17.4-18.2	16.0	14.5-17.9	B	A	Darkened
Y 000046	H4	6.248	19.7	17.6-25.6	17.7	14.6-23.1	B	A	
Y 000125	H5	6.878	19.3	18.3-21.3	17.1	15.7-22.3	B	A	
Y 000169	L6	9.080	25.3	23.7-27.1	21.7	20.4-24.5	B	A	
Y 000172	L6	0.329	25.7	24.1-27.5	21.5	20.3-24.9	B	A	
Y 000178	H4	4.245	18.7	17.2-21.3	17.0	15.7-19.4	B	A	
Y 000180	H4	4.243	19.6	18.3-23.3	16.8	15.4-18.9	B	A	
Y 000185	H6	3.787	19.7	19.0-22.0	17.2	15.3-18.0	B	A/B	
Y 000187	H4	4.425	19.4	18.2-21.8	17.2	15.8-19.9	B	A	
Y 000197	H6	4.957	19.7	18.3-20.7	17.6	16.7-21.3	B	A	
Y 000203	H4	4.096	19.0	17.9-20.7	16.8	15.9-18.3	B	A	
Y 000211	H4	3.176	19.1	17.4-21.1	16.8	15.8-17.6	B	A	
Y 000216	H4	3.606	19.5	17.5-21.9	17.2	16.0-19.8	B	A	
Y 000234	H4	4.758	19.8	18.0-24.2	17.9	16.6-19.4	B	A	
Y 000243	H5	9.887	19.1	18.4-20.2	16.8	15.6-17.4	B	A	
Y 000252	H5	7.630	19.4	17.4-22.1	17.1	16.1-20.0	B	A	
Y 000256	L5	14.461	25.8	24.5-28.3	21.8	20.9-22.9	A	A	
Y 000257	Dio	3.136			33.7	30.8-51.3		A	Heavily shocked
Y 000272	H4	4.297	19.3	18.3-21.3	17.0	15.8-20.1	B	A	
Y 000279	H5	9.852	19.2	18.2-21.2	17.2	16.6-18.3	B	A	
Y 000287	L5	3.279	25.9	24.5-28.8	22.0	20.0-26.6	B	A	
Y 000294	H6	3.895	19.3	18.3-19.8	17.4	16.6-19.5	B	A	
Y 000301	H4	4.888	19.0	17.6-20.0	16.8	16.1-18.3	B	A	
Y 000303	H4	4.981	20.5	17.8-24.3	17.3	16.8-18.0	B	A	Breccia
Y 000305	Dio	12.414			32.8	30.7-40.5	A	A	An79.5-87.3
Y 000327	L4	4.466	25.0	23.9-26.6	21.3	19.1-24.8	B	A	
Y 000339	H4	3.740	19.3	18.2-22.5	17.0	15.0-20.8	B	A	
Y 000366	H5	3.931	18.9	17.7-19.9	16.7	15.6-18.8	B	A	
Y 000369	H4	4.788	19.2	18.0-21.5	17.2	15.5-21.1	B	A	
Y 000371	H4	3.136	19.3	17.6-20.5	16.9	15.7-18.1	B	A	
Y 000374	L4	3.751	25.6	23.9-27.5	21.3	19.5-22.3	B	A	
Y 000375	H4	3.721	19.4	18.1-21.9	17.0	15.4-19.7	B	A	
Y 000394	L4	3.715	25.8	24.7-28.2	21.6	20.6-23.7	B	A/B	
Y 000398	H4	3.543	17.8	16.3-20.7	15.6	14.4-16.6	B	A	
Y 000418	H5	4.041	19.1	17.3-20.2	16.9	16.2-18.1	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 000447	H4	3.309	20.0	19.0-20.8	17.3	16.3-18.0	C	A	
Y 000481	H4	4.884	19.3	18.5-21.8	17.3	16.0-18.6	B	A	
Y 000485	L6	4.812	26.1	23.9-27.3	22.0	19.9-26.9	B	A	Shock vein
Y 000488	L5	3.363	26.0	23.6-30.0	21.9	20.3-23.7	B	A	
Y 000491	H4	4.993	19.3	18.1-22.4	17.2	14.9-19.9	B	A	
Y 000519	H6	2.935	20.1	18.9-21.3	17.8	16.9-19.2	B	A	
Y 000521	H6	3.926	18.9	17.3-20.0	17.0	16.0-18.7	B	A	
Y 000546	H4	3.401	20.2	17.7-26.7	18.0	16.3-21.2	B	A	Breccia
Y 000567	H6	2.755	20.0	19.1-21.2	17.6	16.3-18.2	B	A	
Y 000573	H4	3.460	18.8	17.7-19.6	16.6	14.7-17.9	C	A/B	Darkened
Y 000575	H5	20.016	19.0	17.9-20.0	16.9	16.3-17.5	B	A	
Y 000581	H4	3.051	19.6	19.0-20.6	17.5	16.2-21.7	B	A	
Y 000582	H4	4.606	19.2	18.1-21.1	16.61	15.6-17.8	B	A	
Y 000583	H4	3.083	18.0	17.2-19.4	15.71	14.2-17.1	B	A	
Y 000610	L5	0.554	26.2	24.3-28.8	22.27	20.1-23.6	A	A	
Y 000612	H4	4.433	19.8	19.0-21.3	18.01	17.0-19.9	B	A	
Y 000614	Ure	4.684			32.65	27.7-34.6		A	
Y 000615	H4	4.250	19.7	18.2-22.7	17.12	15.9-19.4	B	A	
Y 000623	L6	3.296	25.4	24.2-27.9	21.25	19.4-22.6	B	A	Darkened
Y 000628	L5	3.269	25.7	23.9-28.4	21.82	20.8-24.7	B	A	
Y 000636	H5	4.115	19.8	18.7-22.5	17.43	16.8-19.8	B	A	
Y 000652	H5	1.424	20.1	18.7-22.3	17.48	16.1-18.9	B	A	
Y 000658	H5	4.289	20.1	18.5-22.5	17.52	16.5-20.7	B	A	
Y 000670	L5	3.046	25.8	25.0-28.4	21.74	21.0-23.6	B	A/B	
Y 000730	L3	3.714	26.3	25.2-28.6	20.32	4.8-24.8	B	A	
Y 000741	H4	3.615	19.5	18.1-24.3	17.39	16.2-20.5	B	A	
Y 000743	H5	4.277	18.9	17.7-20.0	16.45	13.9-17.8	B	A	
Y 000763	H4	3.088	18.4	17.7-18.9	16.51	15.0-18.2	B	A	
Y 000768	H5	3.852	19.9	18.1-21.7	17.2	15.7-19.3	C	A	
Y 000769	H4	3.844	19.3	17.7-21.4	16.9	15.2-20.1	B	A	
Y 000772	H4	3.146	19.2	17.3-21.9	16.8	15.2-18.9	B	A	
Y 000791	H4	3.203	18.9	18.1-19.7	16.9	15.9-18.7	B	A	
Y 000798	H5	12.943	19.2	18.1-20.3	16.9	14.8-19.1	B	A/B	
Y 000810	H4	3.688	19.4	18.7-20.0	17.0	15.8-17.5	B	A	
Y 000811	H5	4.758	19.7	18.6-25.7	16.9	15.6-17.7	B	A	
Y 000832	Dio	11.689			33.0	29.2-35.5	A	A	An90.6
Y 000844	L6	4.733	25.4	24.0-26.6	21.2	19.9-22.0	B	A/B	
Y 000858	H5	16.784	19.0	17.9-19.8	16.9	15.4-18.3	B	A	
Y 000904	L6	2.892	25.8	24.5-30.0	22.1	20.4-26.8	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 000986	H5	10.620	19.8	18.7-22.8	17.2	16.3-19.4	B	A/B	
Y 000988	L5	10.295	25.5	24.6-28.0	22.2	20.0-25.4	A	A	
Y 000995	Dio	134.75			33.1	30.8-44.0	A	A	
Y 001097	L6	4.410	26.6	25.5-28.3	22.8	21.1-24.4	A	A	
Y 001130	Euc	59.250			46.9	32.8-65.2	A	A	An84.5-91.9
Y 001167	L6	1002.2	25.0	24.7-25.9	21.4	20.5-23.0	A	A	
Y 001215	H5	9.063	18.9	17.8-20.6	16.7	15.6-20.1	B	A	
Y 001232	Euc	10.557			62.9	40.3-65.8	A	A	An86.1-88.8
Y 001297	H4	17.747	19.3	17.8-21.6	17.1	16.0-19.7	C	A	
Y 001300	H5	2.738	19.7	18.6-22.9	17.5	16.1-20.3	A	A	
Y 001322	Lod	5.232	12.1	11.5-12.6	10.7	9.5-12.5	A	A	
Y 001364	L4	4.170	23.9	22.5-28.1	20.1	11.7-22.3	A	A/B	
Y 001365	Euc	206.10			62.7	60.8-64.6	A	A/B	An85.3-91.4
Y 001396	H5	922.7	17.8	16.0-18.8	15.7	15.0-17.3	B	A/B	
Y 001403	H5	4.554	17.2	15.8-17.9	15.4	14.0-16.3	A	A	
Y 001429	H4	15.737	17.6	15.7-21.1	15.4	12.1-18.3	B	A/B	Darkened
Y 001599	H4	49.567	18.9	17.0-20.6	17.1	16.2-18.9	B	B	
Y 001620	Lod	9.533	12.4	9.2-13.2	11.2	10.4-12.7	A	A	
Y 001643	H6	4.533	19.9	18.3-22.5	17.7	16.1-19.7	B	A	
Y 001689	H5	6.218	19.2	18.0-21.8	16.6	15.5-17.8	B	A	
Y 001788	H5	4.769	19.0	18.1-20.6	16.8	16.1-18.1	B	A	
Y 001824	H5	0.385	19.5	18.1-23.3	17.5	15.6-19.6	B	A	
Y 001861	H5	0.578	19.6	18.6-23.6	16.8	15.9-18.8	B	A	
Y 001876	H4	0.308	19.7	18.3-22.5	17.2	15.9-19.7	C	A	
Y 001877	H4	0.461	19.5	18.3-22.5	17.4	15.0-20.0	C	A	
Y 001878	H4	0.422	20.2	18.9-24.6	17.6	16.0-21.0	C	A	
Y 001931	H4	0.417	19.9	18.3-24.1	18.4	16.5-22.8	C	A	
Y 001971	H5	3.431	20.0	18.7-22.6	16.9	16.1-17.7	C	A	
Y 001977	H4	0.386	19.8	18.2-24.5	17.2	15.0-19.7	B	A	
Y 001978	H5	0.349	19.4	18.3-22.2	17.3	16.2-21.1	C	A	
Y 002008	H5	10.415	18.6	17.3-22.1	16.9	15.7-21.7	B	A	
Y 002122	H4	1.167	19.7	18.2-25.6	16.8	16.0-18.3	B	A/B	
Y 002123	L6	1.851	25.1	23.8-28.3	21.9	20.5-24.4	A	A	
Y 002124	H5	0.694	19.4	18.2-20.6	17.1	15.7-19.2	B	A	Large metal nodule
Y 002127	H5	1.108	18.3	17.5-21.3	16.2	14.3-19.8	B	A	
Y 002128	H5	1.575	19.2	17.9-23.6	17.7	15.6-21.5	B	A	
Y 002129	H4	2.906	19.1	17.0-23.0	16.8	14.9-20.2	B	A	
Y 002130	H5	0.644	19.5	18.0-24.4	17.2	14.6-21.8	B	A	
Y 002151	L6	0.999	25.5	23.4-28.0	21.3	20.2-22.8	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 002168	L6	5.187	23.0	21.7-25.7	20.2	18.4-23.3	A	A	
Y 002245	H6	3.560	19.6	18.2-23.9	17.7	15.8-23.6	B	A	
Y 002342	H6	0.405	19.3	18.4-20.3	17.3	15.4-21.1	C	A	
Y 002343	H6	4.726	19.6	18.2-22.3	17.5	16.2-20.7	C	A	
Y 002344	H6	676.8	18.6	17.8-19.4	16.4	15.0-17.4	C	B	
Y 002348	H6	10.288	19.3	18.4-21.4	17.0	15.4-19.7	C	A/B	
Y 002402	H5	0.350	18.4	17.3-20.1	17.0	15.3-19.7	B	A	Slightly brecciated
Y 002423	L6	758.1	24.9	23.7-27.8	20.7	19.4-22.1	B	A	Shock vein
Y 002470	L6	0.384	25.5	24.4-26.8	21.3	20.4-22.4	A	A	Shock vein
Y 002478	H4	0.225	19.3	18.6-22.8	17.4	15.8-20.0	C	A	
Y 002480	H4	14.491	20.5	18.3-23.0	16.9	15.5-18.1	B	A	
Y 002482	H4	503.35	18.3	17.4-19.9	16.1	14.0-19.8	B	A/B	
Y 002526	H4	0.399	19.9	17.6-24.7	17.3	15.8-19.8	C	A	
Y 002572	H4	0.438	19.7	18.5-25.1	17.6	16.2-22.7	C	A	
Y 002579	H6	0.323	19.5	17.9-23.4	18.0	16.3-20.9	B	A	
Y 002607	H4	0.511	18.5	18.0-19.7	16.8	15.2-19.0	C	A	
Y 002609	H4	0.681	18.9	17.6-20.0	17.1	11.6-21.3	C	A	
Y 002620	H4	0.306	19.2	18.2-21.1	17.2	16.0-19.3	B	A	
Y 002673	H6	6.818	19.5	18.7-20.2	17.3	16.2-20.3	B	A	
Y 002713	L5	0.935	25.2	23.5-28.1	21.3	20.3-24.0	B	A	
Y 002736	H5	3.149	19.3	17.7-21.4	16.8	14.2-19.8	B	A	
Y 002791	H4	0.516	19.3	18.1-22.1	17.1	16.5-17.9	B	A	
Y 002796	H5	5.971	19.7	18.6-23.0	17.0	15.9-20.7	B	A	
Y 002851	H6	0.311	19.6	18.2-23.4	17.1	15.8-20.2	B	A	
Y 002852	LL6	0.320	30.3	29.3-31.1	25.0	24.3-25.6	A	A	
Y 002859	H5	0.298	19.4	17.6-21.9	17.2	16.4-19.5	B	A	
Y 002876	Dio	61.05			23.2	21.9-24.1		A/B	
Y 002877	Dio	34.652			23.9	22.7-25.0		C	
Y 002924	L6	0.304	25.7	24.4-28.4	21.5	20.4-23.2	B	A	
Y 002985	H6	2.699	18.9	17.4-20.0	16.6	14.6-18.5	B	A	
Y 003018	H6	4.250	19.4	18.6-20.8	17.1	16.1-17.9	B	A	
Y 003019	L6	4.185	26.6	25.8-27.9	21.8	20.4-23.0	B	A	
Y 003020	H5	4.403	19.6	18.1-23.5	17.1	16.3-18.4	B	A	
Y 003022	H4	3.455	19.8	18.4-24.3	17.9	16.3-21.7	B	A	Darkened
Y 003025	H6	6.215	19.2	18.5-20.2	16.9	15.6-19.0	C	A	
Y 003031	H5	2.667	19.4	18.3-20.8	17.5	16.4-19.9	B	A	
Y 003036	H6	3.897	19.1	18.0-19.7	17.1	16.6-17.6	B	A	
Y 003039	L6	3.811	25.5	24.4-28.1	21.5	20.0-24.5	B	A	Shock vein
Y 003043	L3	3.434	25.2	23.1-39.4	17.0	6.9-25.4	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003052	L6	0.353	25.5	24.2-27.6	21.5	20.0-24.4	B	A	Shock vein
Y 003054	H6	1712.9	18.9	18.3-19.7	16.5	15.7-17.2	C	A/B	
Y 003075	H5	4.760	18.9	17.2-21.1	16.7	14.7-17.8	B	A	
Y 003082	L6	3.251	25.5	24.7-29.1	21.7	20.1-24.0	B	A	Shock vein
Y 003083	H6	4.532	19.7	18.4-20.7	17.4	16.0-18.1	C	A	
Y 003086	L6	4.359	25.2	23.8-28.8	21.1	20.3-22.3	B	A	Shock vein
Y 003088	H5	3.784	19.6	18.4-20.6	17.5	16.5-20.6	B	A	
Y 003091	H4	3.983	19.2	18.5-20.3	16.9	15.8-19.2	B	A	Shock vein
Y 003094	L6	3.998	25.2	24.2-27.0	21.5	21.1-22.5	B	A	Shock vein
Y 003096	L6	0.674	25.7	24.6-27.1	21.8	20.6-23.9	B	A	
Y 003098	H6	0.774	18.8	17.0-19.9	16.6	15.5-17.8	C	A	
Y 003112	H5	3.355	19.0	17.3-22.9	17.1	15.7-21.5	C	A	Darkened
Y 003122	H4	3.646	20.0	18.6-22.3	17.1	16.2-19.4	C	A	
Y 003128	H6	4.665	20.3	18.5-22.0	17.8	16.0-20.4	B	A	Large metal nodule
Y 003129	H4	0.656	17.4	15.6-18.1	15.1	13.7-16.4	B	A	Darkened
Y 003134	H6	3.830	17.3	16.3-17.9	15.4	14.1-19.1	B	A	Darkened
Y 003136	H6	2.137	18.9	17.5-19.7	16.9	16.2-18.7	B	A	
Y 003137	H6	0.437	18.9	17.3-21.0	16.7	15.7-19.0	B	A	
Y 003144	H6	3.166	18.9	17.3-20.3	16.8	15.3-19.4	B	A	
Y 003151	H6	0.271	19.2	17.9-21.3	17.1	16.3-20.0	B	A	
Y 003152	L6	3.075	25.3	24.0-29.6	21.2	20.0-22.2	A	A	
Y 003153	H6	4.057	19.4	18.4-20.8	16.9	15.1-20.7	B	A	
Y 003154	H6	4.913	19.5	18.1-21.3	16.9	15.2-18.0	C	A	Shock vein
Y 003164	H6	3.504	20.3	18.9-23.4	17.2	15.4-19.7	B	A/B	
Y 003167	H6	0.658	20.0	18.9-21.6	17.4	16.4-19.5	B	A	
Y 003170	H6	0.542	19.9	18.7-21.2	17.5	16.6-21.5	B	A	Shock vein
Y 003173	H6	3.037	20.3	18.7-24.1	17.8	16.7-19.1	B	A	Shock vein
Y 003177	H6	3.942	20.1	19.4-21.1	17.9	16.2-20.3	C	A	
Y 003180	H6	4.704	20.5	19.7-22.5	18.0	16.6-20.8	C	A/B	Shock vein
Y 003185	H6	3.152	19.8	18.5-21.6	16.8	15.5-18.2	C	A	
Y 003198	LL6	21.030	28.6	26.7-32.5	23.1	22.4-23.8	B	A/B	Shock vein
Y 003199	LL6	4.151	28.5	27.0-30.5	23.3	21.7-25.4	B	A/B	Shock vein
Y 003218	H4	3.033	18.8	18.2-19.6	16.7	15.2-18.5	B	A	
Y 003223	H4	4.438	18.8	17.7-21.0	16.5	14.9-17.9	B	A	
Y 003225	H5	4.189	18.6	17.2-20.3	16.3	14.4-18.7	B/C	A	
Y 003227	H5	3.833	18.7	17.7-20.1	16.4	15.0-19.1	B	A	
Y 003228	L3	3.302	16.5	0.7-28.9	11.2	1.1-24.1	B/C	A	
Y 003246	H5	3.756	19.2	18.1-21.1	17.3	16.6-20.1	B	A	
Y 003258	L5	2.348	25.4	23.7-29.8	21.5	20.1-23.9	B	A/B	Shock vein

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003262	L5	3.231	25.4	24.2-28.2	21.0	19.7-23.3	B	A	Shock vein
Y 003263	L6	3.756	25.3	22.3-28.7	21.6	20.9-25.1	B	A/B	Shock vein
Y 003264	L6	4.099	25.1	24.2-27.6	21.2	19.7-23.2	B	A/B	
Y 003265	L6	3.261	25.4	24.2-30.9	21.4	20.6-23.6	B	A	Shock vein
Y 003266	L5	2.052	25.8	24.5-28.8	21.3	20.1-23.4	B	A	
Y 003282	L6	0.336	25.2	23.7-27.5	21.6	19.2-24.4	A	A	
Y 003284	L6	0.309	25.2	23.8-27.7	21.2	20.2-22.7	B	A	
Y 003290	L6	3.375	25.8	24.4-27.5	21.5	19.7-25.5	B	A	
Y 003292	L6	4.276	25.2	24.3-26.5	21.5	20.4-24.0	A	A	
Y 003293	L6	3.718	25.3	24.1-26.9	21.2	19.6-23.2	B	A	
Y 003294	L6	4.690	25.1	23.6-26.7	21.0	19.6-22.6	A	A	
Y 003301	L5	2.915	25.2	23.4-26.9	21.8	20.6-24.9	B	A	
Y 003302	L5	0.789	25.2	23.9-26.2	21.8	20.9-23.3	B	A	
Y 003303	L5	1.212	25.8	24.4-29.1	21.4	20.5-23.3	B	A	
Y 003304	L5	1.176	25.1	23.8-29.8	21.6	20.2-25.7	B	A	
Y 003306	L5	0.596	25.1	22.6-27.1	21.2	20.4-21.7	B	A	
Y 003307	L6	0.752	25.7	23.2-29.3	22.1	21.0-26.1	B	A	
Y 003308	L5	0.699	25.9	24.3-29.1	22.3	20.8-26.1	C	A	
Y 003309	L6	0.657	26.0	24.2-28.8	22.2	20.5-25.9	B	A	
Y 003311	L5	0.475	25.1	23.9-27.2	21.2	20.2-21.8	B	A	
Y 003312	L5	0.721	26.1	23.6-29.7	21.7	20.2-25.1	B	A	
Y 003313	L5	0.601	25.4	24.4-26.3	21.0	19.1-23.1	B	A	
Y 003315	L6	0.247	25.2	24.0-27.2	21.8	20.2-25.5	A	A	
Y 003316	L6	0.406	25.6	24.3-27.7	21.9	20.4-26.4	B	A	
Y 003320	L6	0.175	25.3	23.9-28.1	22.0	20.2-24.1	B	A	Shock vein
Y 003322	L6	0.768	25.2	22.9-27.2	21.2	20.2-23.4	B	A	
Y 003324	L5	0.263	25.6	24.1-27.2	22.2	20.8-24.4	B	A	
Y 003325	L6	0.165	25.4	23.6-28.6	21.8	19.2-25.2	B	A	
Y 003329	L6	4.162	25.4	24.1-26.6	21.9	20.8-23.9	A	A	
Y 003330	L6	2.377	25.5	23.3-27.6	22.1	20.4-24.0	B	A	
Y 003333	L5	3.943	25.6	24.5-27.3	21.2	20.2-22.3	B	A	
Y 003335	L6	0.873	25.2	24.3-27.6	21.5	20.1-23.6	B	A	
Y 003336	L6	1043.2	25.6	24.0-27.6	22.0	20.8-25.4	B	B/C	
Y 003342	L5	2.503	25.4	24.2-26.8	21.4	20.1-22.6	B	A	
Y 003345	L4	4.566	25.4	23.9-26.9	22.1	20.6-24.6	B	A	
Y 003349	L6	1.255	25.9	24.3-28.5	22.0	19.4-24.9	B	A	
Y 003350	L4	2.173	25.7	24.6-27.9	22.0	21.0-24.0	B	A	
Y 003351	L6	0.444	25.5	24.1-28.2	21.8	19.9-23.6	A	A	
Y 003352	L5	1.818	25.8	24.0-29.2	21.8	20.2-23.2	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003353	L5	4.655	25.2	23.2-26.2	21.4	20.3-22.8	B	A	
Y 003354	Euc	2.369	25.3	23.6-29.3	21.7	20.5-24.0		A	
Y 003355	L5	4.484	25.4	24.0-28.5	22.0	20.4-24.7	B	A	
Y 003357	L6	2.922	25.8	24.4-28.0	21.7	20.1-25.4	A	A	
Y 003358	L5	1.752	25.4	24.6-27.2	22.0	20.0-25.0	B	A	
Y 003359	L6	4.930	24.7	23.4-27.3	20.9	20.3-22.0	B	A	
Y 003360	L5	2.742	25.1	23.1-27.7	22.1	20.9-24.1	C	A	
Y 003361	L6	2.932	25.7	24.0-28.3	21.6	20.7-23.0	B	A/B	
Y 003362	L6	2.000	25.3	23.2-28.8	22.0	20.6-24.7	B	A	
Y 003363	L6	3.731	25.4	23.5-27.7	21.8	20.5-23.2	B	A	
Y 003364	L6	4.135	25.8	24.3-27.5	21.8	19.8-25.4	B	A	
Y 003365	L6	4.875	25.6	23.8-27.6	21.7	20.7-23.1	B	A	
Y 003366	L5	3.374	25.3	23.7-28.7	21.6	20.8-23.3	A	A	Shock vein
Y 003367	L6	3.238	25.5	23.8-28.3	21.4	19.9-24.2	B	A/B	
Y 003368	L5	2.515	25.4	24.2-28.1	21.6	20.2-25.7	B	A	
Y 003369	L4	3.905	25.4	23.1-27.3	21.3	19.5-22.4	B	A	
Y 003371	L4	2.716	25.6	24.3-27.1	21.6	20.4-23.8	B	A	
Y 003372	L6	2.303	25.5	24.3-28.6	21.8	19.5-23.8	A	A	
Y 003373	L6	0.770	25.2	22.5-27.5	22.0	19.6-24.7	A	A	Shock vein
Y 003374	L6	4.529	25.3	22.2-27.1	21.8	21.0-24.4	B	A	
Y 003376	L6	1.290	25.2	23.6-27.7	21.4	20.3-22.8	B	A	
Y 003377	L6	2.676	25.8	24.5-29.0	22.2	21.0-25.7	B	A	
Y 003390	L6	0.351	25.3	24.3-26.5	21.3	19.4-23.9	A	A	
Y 003400	L6	0.345	25.3	23.9-27.9	21.5	20.0-23.3	A	A	
Y 003407	L6	0.341	25.6	24.3-27.6	21.6	20.3-24.7	A	A	
Y 003410	L6	0.401	25.9	24.7-30.6	21.7	19.0-23.7	A	A	
Y 003412	L6	0.314	25.4	24.3-26.6	21.5	20.4-24.0	A	A	
Y 003416	L5	0.451	26.1	24.8-28.7	22.7	21.1-25.4	A	A	
Y 003417	L5	1.191	26.0	25.2-27.2	22.3	21.1-24.6	B	A	
Y 003421	L5	0.527	25.9	24.8-28.0	22.3	21.2-25.2	B	A	
Y 003422	L6	1.835	25.5	24.4-27.9	21.6	20.8-24.6	B	A	
Y 003423	L6	0.348	25.3	24.8-27.4	21.6	20.6-23.2	B	A	
Y 003424	L5	3.031	25.2	18.4-27.8	21.1	19.0-23.0	A	A	
Y 003425	L5	0.629	25.2	24.2-27.2	21.6	20.2-24.3	A	A	
Y 003426	L6	0.648	25.4	24.4-27.2	21.4	20.2-22.8	A	A	
Y 003427	L5	2.351	25.6	24.0-28.0	21.6	20.1-24.5	B	A	
Y 003429	L5	0.521	25.0	22.3-27.5	21.6	19.8-24.4	A	A	
Y 003431	L6	0.362	25.7	24.5-28.5	21.6	20.8-23.0	A	A	
Y 003433	L6	1.895	25.6	24.5-27.3	21.3	19.2-23.8	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003435	L6	0.857	25.3	24.0-27.4	21.5	20.2-23.0	B	A	
Y 003437	L6	3.143	25.4	23.4-28.3	21.9	20.6-25.3	B	A	Shock vein
Y 003439	L5	1.045	25.3	22.2-26.9	21.7	19.9-24.3	B	A	
Y 003440	L5	2.147	25.3	24.0-27.7	22.3	20.9-23.6	B	A	Shock vein
Y 003441	L6	0.701	25.2	24.1-27.1	21.7	20.1-24.9	B	A	
Y 003442	L6	2.609	25.9	23.9-29.7	22.0	20.4-24.7	B	A	
Y 003443	L6	1.282	25.3	24.4-26.7	22.1	19.6-26.2	B	A	
Y 003444	L5	1.385	25.6	24.5-27.8	21.6	20.1-23.7	B	A	
Y 003445	L5	3.273	25.4	23.8-27.7	21.7	20.7-23.3	B	A	Shock vein
Y 003447	L5	4.534	25.7	24.5-27.4	21.5	20.4-23.5	B	A	
Y 003449	L5	4.096	25.6	22.6-30.4	21.8	20.0-27.1	B	A	
Y 003450	L5	3.566	25.5	24.6-26.6	21.7	20.0-24.0	B	A	Shock vein
Y 003451	L5	0.541	25.5	23.9-29.2	21.8	20.5-24.1	B	A	
Y 003453	L5	4.057	25.3	24.2-28.4	22.4	20.7-24.2	B	A	
Y 003454	L6	4.176	25.7	24.5-29.7	21.7	20.7-25.4	B	A	
Y 003456	L5	4.511	25.7	24.1-27.2	22.1	20.6-27.6	B	A/B	
Y 003457	L5	0.677	25.9	24.2-29.2	22.1	19.0-24.7	B	A	
Y 003459	L5	1.875	25.7	23.7-28.7	22.0	20.2-24.4	B	A	
Y 003460	L5	4.761	25.6	24.3-28.7	21.8	20.0-26.3	B	A	
Y 003461	L5	3.112	25.6	24.5-27.8	21.9	20.5-24.8	B	A	
Y 003462	L5	0.575	25.2	24.3-28.1	21.3	19.1-23.1	B	A	
Y 003463	L5	1.402	25.5	24.2-27.7	21.8	20.6-23.4	B	A	
Y 003464	L5	1.426	25.4	23.0-27.6	21.9	20.5-24.8	B	A	
Y 003465	L5	3.864	25.3	21.6-27.3	22.0	19.8-24.7	B	A	Shock vein
Y 003466	L5	2.858	26.0	24.0-29.4	21.5	19.6-22.7	B	A	Shock vein
Y 003467	L6	1.250	25.3	23.8-26.6	21.7	20.2-24.3	A	A	
Y 003468	L6	2.232	25.3	23.9-27.1	22.0	20.6-24.0	B	A	
Y 003469	L6	2.082	25.3	23.3-26.6	21.7	19.9-23.1	B	A	
Y 003470	L6	3.257	25.4	23.9-27.7	22.0	20.6-23.4	B	A	Shock vein
Y 003471	L6	0.204	25.5	24.0-28.0	21.5	20.4-22.0	B	A	
Y 003474	L6	3.565	25.2	23.4-27.9	21.6	19.9-25.7	B	A	
Y 003478	L6	3.086	25.6	23.9-30.0	21.9	19.5-26.2	B	A	
Y 003479	L6	3.491	25.5	24.3-27.3	21.6	19.5-25.9	B	A	
Y 003480	L6	4.438	25.1	21.6-27.3	21.5	20.1-22.7	B	A	Shock vein
Y 003481	L6	1.204	25.3	23.5-27.0	21.5	19.6-24.4	B	A	
Y 003482	L6	1.956	25.8	24.4-28.0	21.7	20.4-23.8	B	A	
Y 003483	L6	3.549	25.6	23.6-28.1	20.9	19.6-22.0	B	A	
Y 003484	L6	2.882	25.5	23.8-28.9	21.1	19.9-24.7	B	A	
Y 003485	L6	2.287	25.5	24.4-28.3	21.5	19.9-23.5	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003486	L6	0.967	25.8	24.4-28.2	21.8	20.2-23.6	A	A	
Y 003488	L6	3.019	25.3	23.8-26.5	22.0	20.5-24.9	A	A	
Y 003490	L6	1.470	25.7	22.4-28.5	22.0	20.5-23.7	A	A/B	
Y 003491	L6	4.376	25.9	24.4-27.8	21.9	20.2-23.8	A	A	
Y 003492	L6	1.273	25.8	24.4-27.6	21.9	20.8-24.8	A	A	
Y 003493	L6	0.493	25.5	24.4-29.2	22.1	20.2-24.7	B	A	Shock vein
Y 003494	L6	1.449	25.7	24.5-27.2	21.9	20.0-24.2	A	A	
Y 003495	L6	1.806	25.6	24.2-28.5	21.4	19.7-23.0	A	A	
Y 003497	L6	0.821	25.5	24.4-29.1	21.8	20.3-25.9	A	A/B	
Y 003498	L6	1.251	25.9	24.6-28.8	22.0	20.7-24.2	A	A/B	
Y 003499	L5	2.611	26.0	25.0-31.2	21.4	20.5-23.1	A	A	
Y 003501	L6	2.323	25.4	23.0-26.7	21.7	20.3-24.4	A	A	
Y 003502	L6	3.173	25.5	24.2-28.0	22.0	19.6-26.4	A/B	A/B	
Y 003504	L6	0.585	25.3	23.3-27.1	22.1	20.1-24.5	A	A/B	
Y 003505	L6	1.889	25.7	24.6-26.3	21.9	19.2-24.3	A	A	
Y 003506	L6	1.709	25.4	22.9-27.1	22.2	21.0-25.7	A	A	
Y 003507	L6	2.339	25.4	23.8-27.6	21.5	20.3-24.0	A	A	
Y 003509	L6	3.319	25.3	23.5-28.6	21.6	20.0-24.1	A/B	A	
Y 003510	L6	2.121	25.9	24.2-29.3	21.7	20.8-23.4	A	A	
Y 003511	L6	1.709	25.5	24.2-27.4	21.5	20.6-22.3	A	A	
Y 003512	L6	1.665	25.4	22.3-28.2	21.8	20.6-24.0	A	A	Shock vein
Y 003513	L6	0.748	25.4	21.2-29.8	22.1	20.5-25.8	A	A	Shock vein
Y 003514	L6	0.585	25.4	24.1-29.3	21.4	20.8-22.4	A	A	
Y 003515	L6	0.580	25.8	24.2-28.7	22.1	20.6-25.6	A	A	
Y 003516	L6	4.086	25.6	22.9-29.1	21.6	20.1-23.7	A	A	
Y 003517	L5	3.388	25.6	24.9-26.4	21.9	20.6-24.9	B	A	Shock vein
Y 003519	L6	0.775	25.3	22.0-27.2	21.5	19.9-22.6	B	A	Shock vein
Y 003521	L6	3.161	25.7	24.2-28.1	21.7	20.5-25.1	B	A	Shock vein
Y 003522	L6	2.133	26.0	24.9-29.0	21.9	20.4-24.5	B	A	
Y 003523	L6	2.171	25.8	24.3-28.4	22.1	20.6-24.5	B	A	
Y 003524	L6	1.236	25.5	24.4-27.3	21.8	20.4-25.0	B	A	
Y 003526	L6	2.747	25.9	24.4-27.7	21.9	20.2-24.1	B	A	
Y 003527	L6	0.837	25.8	24.8-26.7	21.9	20.7-24.4	B	A	
Y 003528	L6	1.143	25.9	24.3-27.2	21.7	21.0-22.7	A	A	
Y 003529	L6	2.221	25.7	24.9-26.3	21.9	21.1-23.2	B	A	
Y 003530	L6	4.375	25.7	24.3-27.8	22.2	20.7-24.5	B	A	
Y 003531	L6	1.837	25.4	24.2-27.7	21.6	20.9-23.2	B	A	
Y 003535	L6	1.392	25.7	24.5-27.8	22.2	21.0-25.6	B	A	
Y 003538	L5	4.112	25.5	24.1-29.2	21.5	19.8-22.7	A	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
Y 003539	L6	4.989	26.2	24.7-30.1	23.1	19.5-29.3	B	A	
Y 003545	L5	1.644	25.8	24.5-28.0	21.6	20.2-25.0	B	A	
Y 003546	L6	1.849	26.0	24.5-30.6	22.8	20.9-27.1	B	A/B	
Y 003548	L5	0.836	25.7	24.2-28.9	22.0	19.0-25.5	B	A	
Y 003549	L5	1.814	25.5	24.8-27.1	21.6	20.0-23.6	B	A	
Y 003550	L5	0.508	26.3	24.6-29.8	22.5	20.8-26.2	B	A	
Y 003551	L6	1.367	25.4	23.7-27.1	21.3	20.3-22.7	A	A/B	
Y 003552	L6	1.487	25.8	24.5-28.4	21.7	20.9-23.2	B	A	Shock vein
Y 003553	L6	1.186	26.2	24.9-31.2	22.4	21.2-24.6	B	A	
Y 003554	L6	1.251	26.0	24.7-29.4	22.5	20.8-25.4	B	A	
Y 003555	L6	0.826	26.1	25.0-29.6	22.7	22.1-24.0	B	A	
Y 003557	L6	0.783	26.0	24.5-27.9	22.2	20.9-24.4	B	A	
Y 003558	L6	0.406	25.7	23.9-30.0	22.0	20.4-25.5	B	A	
Y 003559	L5	0.353	25.5	24.4-28.0	21.7	20.8-25.1	B	A	
Y 003564	L6	2.287	25.8	23.9-28.9	21.7	20.5-23.8	B	A	
Y 003566	L6	1.036	26.2	25.1-28.4	21.6	20.0-23.3	B	A	
Y 003567	L6	0.521	25.4	23.9-27.2	21.5	20.3-24.2	A	A	
Y 003503	L6	4.596	25.3	22.0-27.2	21.8	20.3-24.7	B	A	Shock vein
A 09200	H6	4.629	19.6	18.0-21.0	16.8	16.1-18.2	B	A	
A 09201	H5	4.394	18.3	17.4-19.1	16.4	15.3-16.9	B	A	
A 09202	H5	4.106	19.5	17.9-23.6	17.0	16.1-18.7	B	A	
A 09203	H6	3.565	19.3	18.3-20.5	16.9	15.7-19.1	B	A	
A 09204	H5	4.220	19.4	18.8-20.2	17.2	16.2-19.2	B	A	
A 09205	H6	2.854	19.5	18.1-24.3	17.5	16.2-20.7	B	A	
A 09206	H6	2.522	18.9	17.7-20.5	17.1	14.9-20.3	B	A	
A 09207	H6	2.179	19.3	18.6-21.0	17.2	16.0-19.3	B	A	
A 09208	H6	2.588	19.5	18.9-22.6	17.0	12.7-20.0	B	A	
A 09209	H6	1.799	19.0	18.2-19.9	16.8	16.1-17.6	B	A	
A 09210	H6	1.928	19.2	17.6-21.2	17.1	15.1-21.3	B	A	
A 09211	H5	2.223	19.4	18.0-21.6	16.8	16.0-18.1	B	A	
A 09212	H6	2.379	19.5	17.8-22.2	17.1	15.7-18.7	B	A	
A 09213	H6	2.286	19.5	18.3-21.7	17.3	15.6-20.3	B	A	
A 09214	H6	1.590	19.4	18.4-21.1	17.3	15.8-19.3	B	A	
A 09215	H6	1.521	19.4	17.5-21.2	16.9	15.7-20.2	B	A	
A 09216	H5	1.278	18.7	16.9-19.3	17.1	15.3-20.3	B	A	
A 09217	H6	1.753	19.0	17.6-21.0	16.5	14.6-18.3	B	A	
A 09218	H5	1.824	19.0	18.0-20.5	16.5	15.7-17.3	B	A	
A 09219	H5	1.056	19.1	18.0-20.4	16.6	15.8-17.5	B	A	
A 09220	H5	1.518	19.2	18.4-20.5	17.2	15.9-21.0	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09221	H5	1.030	18.8	17.8-20.1	16.5	15.5-17.7	B	A	
A 09222	H5	1.020	18.7	17.6-19.5	16.7	14.7-19.2	B	A	
A 09223	H5	0.370	19.8	18.5-23.2	17.0	15.6-18.7	B	A	
A 09224	H5	0.581	18.7	17.9-19.9	16.5	14.8-18.4	B	A	
A 09225	H6	0.244	18.8	17.5-20.5	16.9	15.0-18.8	C	A	
A 09227	H6	1.320	19.5	18.4-20.3	16.7	16.0-17.3	B	A	
A 09228	H4	2.432	18.9	17.9-19.7	16.8	15.9-18.2	B	A	
A 09230	H4	2.748	19.1	18.1-20.7	16.6	15.4-17.8	B	A	
A 09231	H4	2.506	19.3	18.7-22.4	17.0	15.9-19.9	B	A	
A 09232	H6	4.217	19.4	18.3-20.1	17.4	16.5-20.0	B	A	
A 09233	H4	4.257	18.8	18.1-19.9	17.0	15.9-20.8	C	A	
A 09234	H4	1.494	18.9	17.6-19.9	17.4	15.9-20.1	C	A	
A 09237	L6	0.404	25.3	24.2-27.8	21.8	20.5-23.6	B	A	
A 09242	H	2.524	20.2	17.4-21.9	18.5	15.0-20.7	B	A	Breccia
A 09246	H5	1.443	19.3	18.0-22.1	17.1	16.1-21.4	C	A	
A 09247	H4	3.499	19.3	18.2-21.9	17.1	16.2-19.6	C	A	
A 09248	H4	3.739	19.4	18.4-22.2	16.8	15.0-18.3	C	A	
A 09250	H6	0.920	19.5	18.7-21.2	17.0	16.1-17.9	C	A	
A 09251	L3	1.044	24.6	20.1-27.1	19.6	8.9-26.5	B	A	
A 09252	H4	2.921	17.8	16.3-19.9	16.0	14.4-18.2	B	A	
A 09253	H5	4.507	19.3	17.8-22.6	17.1	15.5-22.1	B	A	
A 09254	H5	2.494	19.0	16.7-21.8	16.9	15.4-18.2	C	B	
A 09256	H5	2.432	19.0	17.7-24.0	16.5	14.8-18.3	C	A	
A 09257	H5	1.278	19.2	17.9-21.3	16.9	14.9-19.9	C	A	
A 09258	H5	2.335	18.7	18.1-20.6	16.5	14.8-17.7	C	A/B	
A 09259	L3	1.689	25.5	24.1-30.9	19.7	7.7-32.7	B	A	
A 09260	L3	1.470	24.9	23.3-26.4	18.0	9.2-31.2	B	A	
A 09262	H5	2.754	19.6	18.1-22.3	17.8	15.8-23.4	B	A	
A 09263	H4	2.063	17.8	16.6-19.6	16.1	14.9-18.7	B	A	
A 09264	L6	1.678	25.8	23.9-29.8	22.4	21.1-25.3	B	A	Shock vein
A 09266	L3	1.475	23.5	16.0-25.5	15.4	2.8-25.8	A	A	
A 09270	L6	3.841	25.6	24.1-29.9	21.4	20.4-23.0	B	A	
A 09271	L3	2.156	24.1	14.2-27.8	19.1	10.3-35.2	A	A	
A 09275	H4	5.486	17.9	16.5-21.0	15.7	14.1-18.1	B	A	
A 09276	H4	5.012	18.3	17.1-20.7	16.2	14.7-18.5	B	A/B	
A 09277	H5	4.376	17.6	15.9-21.1	15.9	14.7-17.9	B	A	
A 09278	H4	5.370	18.0	17.0-20.4	16.1	15.3-17.5	B	A	
A 09279	H4	3.394	17.6	15.3-19.5	16.0	14.3-18.9	B	A	
A 09280	H4	4.386	18.1	16.2-21.3	15.9	14.5-17.0	B	A/B	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09281	H4	2.916	17.8	17.2-20.0	16.2	14.9-18.0	B	A	
A 09282	H4	3.400	17.7	16.7-18.9	16.0	14.9-17.7	B	A	
A 09283	H4	4.057	17.9	16.3-19.3	16.1	14.4-19.6	B	A	
A 09284	H4	3.091	18.0	17.1-20.9	16.1	15.2-18.5	B	A	
A 09285	H4	3.189	17.8	16.4-22.1	16.3	15.0-19.7	B	A	
A 09286	H4	2.496	18.0	16.7-20.2	16.5	14.5-18.7	B	A/B	
A 09287	H4	2.481	18.1	17.1-20.7	16.5	15.4-19.0	B	A	
A 09288	H4	3.454	17.9	16.3-19.5	16.6	15.5-19.5	B	A	
A 09289	H4	2.797	17.6	17.0-19.2	15.8	14.7-17.4	B	A/B	
A 09290	H4	2.085	18.0	16.5-20.1	16.7	15.4-20.5	B	A	
A 09291	H4	1.927	18.3	16.9-20.1	16.1	15.1-19.0	B	A	
A 09292	H5	2.502	18.1	16.6-21.3	16.2	15.1-19.1	B	A	
A 09293	H4	1.940	18.4	16.8-21.9	16.4	13.2-19.7	B	A	
A 09294	H4	1.891	18.0	16.9-20.9	16.9	15.7-20.2	B	A	
A 09295	H4	1.794	18.0	17.0-20.3	16.9	15.4-21.2	B	A/B	
A 09296	H4	1.374	17.8	16.7-18.9	15.7	9.0-16.8	B	A	
A 09297	H4	1.317	18.0	16.9-22.3	16.2	15.3-18.9	B	A	
A 09298	H4	1.672	18.4	16.4-21.4	15.8	14.7-17.8	B	A	
A 09299	H4	1.692	17.8	16.9-20.2	16.4	14.6-21.1	B	A	
A 09300	H4	1.507	18.4	17.2-21.1	16.8	15.0-21.9	C	A/B	
A 09301	H5	1.373	18.1	16.9-21.3	16.5	14.3-22.7	B	B	
A 09302	H5	1.734	17.9	16.6-21.6	16.4	14.7-18.0	B	A/B	
A 09303	H5	1.600	17.6	16.5-20.9	16.0	15.0-16.9	B	A	
A 09304	H4	1.632	18.3	16.8-22.6	16.7	14.5-22.8	B	A	
A 09305	H5	1.194	18.2	16.8-22.9	16.4	14.4-20.2	B	A	
A 09306	H5	0.751	18.0	16.6-20.5	16.6	14.9-19.2	B	A/B	
A 09307	H5	0.801	18.1	16.4-22.5	16.5	15.4-18.7	B	A	
A 09308	H5	1.008	17.9	16.8-20.9	16.0	14.5-18.0	B	A/B	
A 09309	H4	0.847	18.1	16.5-23.3	16.4	15.4-20.5	B	A/B	
A 09310	H4	0.525	18.2	17.1-20.3	16.8	15.2-20.2	B	A	
A 09311	H4	0.605	18.2	15.8-20.7	16.3	15.0-19.9	B	A	
A 09312	H5	0.393	17.5	15.6-18.5	16.4	14.9-19.7	B	A	
A 09313	H4	0.375	18.2	16.7-23.1	16.1	14.3-18.8	B	A	
A 09314	H4	0.338	18.1	17.1-20.5	15.8	14.4-18.4	B	A	
A 09315	H4	1.075	19.1	17.8-21.9	16.7	15.6-18.4	B	A	
A 09316	H5	4.475	18.9	17.5-20.4	16.8	15.4-17.8	C	A	
A 09319	L3	3.979	21.8	1.6-44.0	9.7	2.3-41.0	B	A	
A 09320	H4	1.044	18.6	16.7-22.8	17.1	15.3-20.2	B	A	
A 09321	H4	1.559	17.9	17.0-21.1	16.1	15.0-17.8	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09322	H5	1.606	19.3	18.2-23.4	16.8	15.7-18.9	C	A/B	
A 09324	H5	1.420	19.4	17.8-20.4	17.5	16.5-19.9	B	A	
A 09325	H4	2.731	19.2	17.6-23.9	16.4	15.0-17.2	B	A	
A 09326	H5	2.333	18.4	16.5-21.1	16.4	15.7-18.0	B	A	
A 09330	H6	0.775	19.6	18.5-20.6	17.2	15.2-19.0	B	A	
A 09332	L4	4.382	25.2	22.0-26.7	17.8	10.0-24.6	A	A	
A 09333	H4	3.602	18.7	16.6-22.5	16.5	14.8-18.8	B	A/B	
A 09335	H6	2.041	20.2	19.1-22.2	17.8	16.3-21.1	B	A/B	
A 09336	H6	1.460	20.6	19.2-27.2	17.2	16.2-17.9	B	A/B	
A 09337	H6	0.624	20.3	18.4-23.1	17.5	14.3-21.7	B	A	
A 09339	H4	5.640	17.8	16.9-20.6	16.0	14.8-19.4	B	A/B	
A 09340	H4	3.123	18.2	17.2-22.8	16.2	14.8-20.5	B	A/B	
A 09341	H5	2.130	18.3	17.1-24.0	15.9	13.7-17.5	B	A/B	
A 09344	H5	4.748	19.7	18.3-23.2	17.2	14.5-20.3	B	A/B	
A 09345	H5	3.931	19.4	18.2-22.1	16.5	14.3-17.9	B	A	
A 09346	H5	1.978	19.0	17.5-20.4	16.9	14.2-19.6	B	A/B	
A 09347	H5	4.988	18.7	17.7-21.8	16.5	14.7-19.3	B	A/B	
A 09348	H5	2.712	19.7	18.0-24.8	17.4	14.8-21.2	C	A/B	
A 09353	H4	5.687	18.9	17.8-20.2	17.0	15.1-20.4	B	A/B	
A 09354	H5	3.922	19.1	18.0-23.4	17.0	15.9-20.4	B	A/B	
A 09355	H6	4.902	19.1	17.0-21.2	17.0	14.7-20.0	B	A/B	
A 09356	H6	4.524	19.3	18.2-22.2	17.4	15.8-20.4	B	A/B	
A 09357	H5	3.315	19.1	17.1-21.1	17.1	15.6-20.2	B	A/B	
A 09358	H6	4.153	19.0	17.9-21.4	17.0	15.7-21.7	B	A	
A 09360	H6	3.084	19.5	17.7-23.8	17.2	15.6-23.9	B	A	
A 09361	H6	4.492	19.7	18.4-23.0	17.0	15.8-18.2	B	A/B	
A 09362	H6	2.462	19.2	18.1-22.6	17.4	15.2-21.6	B	B	
A 09363	H6	2.642	19.2	18.1-21.3	16.6	15.3-18.9	B	A/B	
A 09364	H6	2.136	19.1	17.5-20.9	17.2	15.5-22.7	B	B	
A 09366	H5	3.411	18.6	16.9-21.8	16.4	15.2-21.5	B	A	
A 09367	L6	5.572	25.5	23.9-29.9	22.3	20.2-24.8	B	A/B	Breccia
A 09369	H5	2.619	19.1	17.8-22.4	16.9	15.3-18.9	B	A/B	
A 09376	H6	4.272	19.4	18.1-25.0	17.1	15.8-20.6	B	A	
A 09378	H5	3.308	18.7	18.3-19.5	16.7	15.5-17.5	C	A/B	
A 09381	H5	3.235	18.5	17.5-19.8	16.5	15.8-18.0	B	A	
A 09383	L3	5.694	21.4	0.9-30.2	16.9	3.2-36.4	B	A/B	
A 09384	L5	4.322	24.7	23.1-25.6	21.2	19.6-23.2	A	A	
A 09385	H6	2.603	19.4	18.3-22.0	17.3	14.5-20.5	B/C	A	
A 09386	L6	2.974	24.6	22.8-25.6	21.0	20.1-23.5	A	A	Shock vein

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09390	H4	5.827	19.1	18.0-20.3	16.4	13.1-18.0	B	A/B	Slightly brecciated
A 09391	H5	3.725	19.5	17.7-21.9	17.2	3.6-27.3	A	A/B	Slightly brecciated
A 09392	H6	2.791	19.7	18.3-24.8	16.8	14.6-19.3	B	A/B	
A 09393	H5	2.617	19.4	16.5-22.5	17.0	15.2-19.5	B	A	
A 09394	H5	1.643	19.8	18.7-22.0	17.1	11.2-18.9	B	A/B	Slightly brecciated
A 09395	H4	1.652	20.0	18.5-22.9	17.3	13.5-25.3	B	A/B	Slightly brecciated
A 09396	H5	1.623	19.7	18.4-21.0	17.1	12.3-19.5	B	B	
A 09397	H5	1.367	19.5	18.4-20.7	17.1	15.7-20.5	A/B	A/B	
A 09398	H4	1.436	19.6	17.7-25.1	17.3	15.3-19.1	A	A/B	Slightly brecciated
A 09399	H5	1.532	19.3	15.1-23.0	17.8	15.2-26.6	A	B	Slightly brecciated
A 09400	H5	1.423	19.5	17.4-24.2	16.6	5.5-25.3	B	A/B	Slightly brecciated
A 09401	H4	1.020	18.8	13.7-20.4	16.7	12.1-20.4	A/B	A	
A 09404	H5	2.617	18.7	17.5-21.3	16.6	15.9-17.4	B	A/B	
A 09405	H5	1.722	19.0	17.7-22.8	16.8	14.8-19.3	B	A/B	
A 09406	L6	1.832	24.8	23.0-25.6	20.8	18.8-23.2	B	A/B	
A 09407	H4	3.188	19.3	16.9-22.5	17.6	16.5-21.1	A	A/B	Slightly brecciated
A 09410	L6	4.228	25.4	24.1-27.4	21.8	20.9-23.2	B	A/B	
A 09411	H4	3.641	18.8	17.2-20.7	16.9	16.0-19.9	B	A	
A 09415	H5	0.820	19.7	18.3-23.2	17.5	16.3-20.9	B	A/B	
A 09417	H6	0.555	18.9	17.8-20.1	16.8	15.8-17.7	C	A/B	
A 09418	H6	1.386	19.4	18.1-22.6	16.9	15.4-19.8	C	A/B	
A 09419	H6	0.919	19.1	18.1-20.8	16.6	15.6-17.3	C	B	
A 09420	L3	4.489	11.4	1.3-24.8	11.6	1.5-29.8	B	A	
A 09422	L3	2.927	24.6	19.6-26.6	18.2	6.3-27.3	B	A	
A 09423	L3	1.458	24.0	10.1-27.3	17.8	9.0-23.0	A	A/B	
A 09429	H4	3.514	19.2	17.4-23.9	17.2	16.1-22.0	B	A/B	
A 09430	H6	28.836	20.2	19.6-22.1	17.8	16.8-20.1	B	A/B	
A 09437	H4	5.394	17.6	15.7-20.8	15.8	9.4-18.5	B	A	
A 09438	H5	1.355	17.0	12.2-20.9	16.2	14.4-18.5	B	A	
A 09440	H4	2.799	18.8	17.8-19.6	16.6	15.7-17.7	B	A	
A 09444	H4	3.465	19.5	18.7-21.5	17.2	16.0-23.7	B	A	
A 09449	H5	0.826	18.8	17.8-22.1	16.4	15.5-18.8	C	A/B	
A 09450	H6	1.650	18.6	17.2-23.0	16.5	15.8-17.1	C	A/B	
A 09451	H6	4.056	18.7	17.2-20.9	16.7	15.1-20.9	C	A/B	
A 09454	H6	2.047	19.2	18.1-21.1	17.0	15.8-19.0	B	B	
A 09458	L6	2.106	25.2	23.8-27.2	21.7	20.5-26.7	B	A/B	
A 09459	L6	1.168	25.9	24.4-31.7	21.1	19.8-22.6	B	A/B	
A 09460	L6	1.596	26.3	25.4-30.5	22.1	21.3-24.3	B	A/B	
A 09461	L6	1.147	25.7	23.8-28.6	21.4	20.2-23.2	B	A/B	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09462	L6	0.728	25.5	24.4-29.1	22.1	19.8-25.3	B	A/B	
A 09463	L6	0.854	25.7	24.4-28.9	21.6	19.7-25.2	B	A/B	
A 09464	L6	0.795	25.5	23.4-28.8	21.4	19.9-23.4	B	A	
A 09470	L6	0.459	25.1	21.9-27.5	21.1	19.5-22.7	B	B/C	
A 09471	CO	0.821	3.4	0.4-8.4	1.6	0.7-4.0	B	A	
A 09472	H4	5.095	19.7	18.3-21.9	17.1	15.0-21.4	B	A/B	Darkened
A 09477	H4	1.165	18.1	16.6-19.1	16.3	15.1-18.1	B	A/B	
A 09483	H6	3.854	19.6	18.2-22.9	17.5	15.4-21.8	B	A/B	
A 09485	H4	5.210	19.3	17.9-20.8	17.0	15.7-19.6	B	A	Darkened
A 09487	H5	1.755	18.3	16.1-23.0	16.7	15.3-19.8	B	A	
A 09490	L6	3.523	26.4	24.1-31.7	22.1	20.4-24.6	B	A/B	
A 09492	L6	3.131	26.3	24.3-30.2	21.9	20.0-27.5	B	A/B	
A 09493	L6	2.627	25.5	24.5-27.2	21.1	20.0-22.4	B	B	
A 09505	CH3	0.850	13.5	1.1-45.3	3.7	2.0-5.5	B	A/B	
A 09535	C, ungr	2.703	11.4	0.6-49.9	1.6	0.8-3.2	B	A	Y-82094 like
A 09544	L4	1.335	24.8	21.2-27.7	18.7	8.0-27.4	B	A	
A 09551	CO	2.306	13.9	0.2-54.4	11.0	0.7-29.4	A	A	
A 09555	L3	1.611	24.4	12.0-27.2	15.9	7.6-19.9	A	A	
A 09557	L6	2.603	25.7	24.8-27.6	22.2	21.5-23.4	A	A	
A 09558	L6	1.089	26.0	24.2-27.5	21.8	20.6-23.5	A	A	
A 09564	L6	5.165	25.2	24.3-27.3	21.8	20.1-24.9	A	A	
A 09600	L6	2.482	25.3	23.0-32.6	22.4	20.9-26.5	B	A	
A 09601	L6	2.814	25.1	22.1-30.7	21.8	20.8-24.1	B	A	
A 09602	L6	1.961	25.0	23.3-27.2	21.7	20.5-25.8	B	A/B	
A 09604	L6	1.020	25.6	24.2-30.1	21.5	20.2-23.6	B	A/B	
A 09605	L6	0.744	25.2	22.2-26.9	21.3	20.4-22.3	B	A	
A 09606	L6	0.480	25.1	24.3-27.0	21.6	20.0-23.7	B	A	Darkened
A 09611	H4	5.529	19.1	18.5-19.8	16.8	15.8-19.1	B	A/B	
A 09612	H4	1.702	19.4	18.2-25.1	17.1	15.8-20.6	B	A/B	
A 09613	H4	1.616	19.5	18.3-21.8	17.1	14.6-19.6	B	A/B	
A 09614	H4	1.090	19.1	18.2-22.0	16.7	15.4-18.1	B	A	
A 09621	L3	3.033	24.1	15.7-26.6	18.8	6.4-24.4	A	A	
A 09622	H5	3.148	20.0	18.5-21.0	18.1	16.8-21.6	B	A/B	
A 09623	H4	0.857	19.8	18.6-22.2	17.0	15.8-19.3	B	A	Breccia
A 09625	H4	5.958	19.8	18.4-25.7	17.6	15.9-20.7	B	A	
A 09626	H4	3.642	20.5	18.7-25.3	17.6	15.2-21.0	B	A/B	Breccia
A 09628	H4	1.932	19.2	18.0-25.2	17.0	16.2-18.1	B	A/B	
A 09629	H4	5.727	19.2	18.4-20.7	17.0	12.5-19.9	B	A	Breccia
A 09630	H4	0.705	20.1	18.0-25.1	17.2	14.8-19.3	B	A	Breccia

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 09631	H4	2.253	18.0	16.9-19.2	15.9	15.2-17.2	B	A	
A 09632	H4	4.353	19.4	18.1-22.2	16.7	15.3-17.9	C	A/B	
A 09633	H4	5.337	19.2	17.7-21.1	16.7	14.1-21.2	C	A/B	
A 09634	H4	3.121	19.0	17.6-20.1	16.6	15.6-17.5	C	A	
A 09635	H4	1.263	17.9	17.1-19.5	15.8	14.8-16.6	B	A	
A 09636	H4	1.366	17.9	16.4-19.5	15.7	14.8-16.3	B	A	
A 09637	L6	2.073	25.6	24.4-27.4	21.8	20.6-23.7	B	A	
A 09640	H5	1.087	19.3	18.5-20.5	16.8	16.0-17.7	B	A	
A 09641	H5	1.157	19.4	18.6-21.0	16.8	14.3-19.8	B	A/B	
A 09642	H5	0.520	19.2	18.3-22.6	16.9	15.0-19.3	B	A	
A 09643	H5	1.040	18.1	16.5-20.6	16.3	15.0-17.8	B	A	
A 09644	H5	1.086	17.9	16.1-19.9	16.0	15.1-18.5	B	A	
A 09645	H5	1.793	17.6	16.4-19.3	15.8	13.4-17.5	B	A/B	
A 09646	H5	1.335	18.0	16.6-20.6	16.0	14.6-17.3	C	A/B	
A 09653	H4	5.766	17.6	16.9-18.8	16.3	15.2-19.4	B	A	
A 09654	H4	5.259	18.0	17.0-20.0	15.8	15.2-16.6	B	A	
A 09655	H5	3.942	18.1	17.1-20.9	16.7	15.5-19.3	B	A/B	
A 09656	H4	3.009	18.3	17.0-21.1	17.0	15.4-19.5	A	A	
A 09657	H4	4.676	18.5	17.0-20.2	16.7	16.0-20.0	B	A/B	
A 09658	H5	4.244	17.8	16.2-20.6	15.9	14.4-18.9	B	A	
A 09659	H4	4.530	18.2	17.0-21.8	16.5	14.8-22.4	B	A	
A 09660	H4	3.283	17.9	17.0-20.0	16.6	14.8-19.7	A	A	
A 09661	H4	3.205	17.9	16.1-22.6	16.5	14.8-19.1	B	A/B	
A 09662	H4	2.832	17.9	16.8-20.1	16.4	15.3-20.0	B	A/B	
A 09663	H4	3.938	18.1	16.3-20.6	16.1	14.5-17.3	B	A/B	
A 09664	H4	3.204	17.8	17.0-19.2	16.3	15.4-17.5	B	A	
A 09665	H4	3.706	18.2	17.1-21.4	17.1	14.7-23.1	B	A/B	
A 09666	H4	3.181	18.1	17.2-19.7	16.3	14.7-20.7	B	A/B	
A 09667	H4	2.856	17.7	16.8-18.4	16.1	14.8-18.8	B	A/B	
A 09668	H4	2.759	18.5	17.1-23.3	17.0	15.0-19.7	B	A	
A 09669	H4	3.245	18.2	16.0-22.3	16.3	14.9-19.1	B	A/B	
A 09670	H4	2.163	18.2	16.4-20.1	16.7	14.9-21.2	B	A/B	
A 09671	H4	2.445	17.8	16.3-21.2	16.1	15.3-17.6	B	A	
A 09672	H5	1.912	18.2	16.8-21.0	16.4	15.2-19.0	B	A	
A 09673	H4	2.634	18.3	17.1-20.9	16.8	15.7-21.3	B	A/B	
A 09674	H4	1.946	18.8	17.0-22.1	16.0	13.5-17.9	B	A	
A 09677	H4	1.497	17.7	16.5-20.7	16.1	14.6-18.8	B	A	
A 09678	H4	2.558	18.0	16.9-20.9	16.4	15.0-20.8	B	A	
A 10062	L6	0.888	24.9	23.7-26.7	21.3	20.3-22.9	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 10104	Ure	0.766	19.6	1.4-23.2				A/B	
A 10139	CM	0.830	8.0	0.3-36.3	6.0	1.1-36.9	A	A	
A 10144	H6	0.983	20.2	18.9-22.3	17.5	16.8-18.3	B	B	
A 10148	H5	0.507	19.0	17.6-22.0	16.5	15.2-17.3	C	A	
A 10152	H5	0.957	17.9	17.1-21.1	16.6	15.0-21.1	B	A	
A 10206	H4	0.880	18.7	17.1-21.1	16.8	14.8-19.8	B	A	
A 10214	L3	2.003	28.9	2.3-84.0	12.5	2.8-37.4	A	A	
A 10216	H4	0.813	18.7	17.1-20.0	16.4	15.4-17.0	B	A	
A 10221	L6	1.111	25.5	24.2-27.8	21.8	18.7-24.3	B	A	
A 10228	Euc	1.936			58.5	56.4-60.6		A	An75.3-86.6
A 12012	L6	162.50	25.5	23.6-27.9	21.7	19.8-23.3	B	A/B	
A 12013	LL4-6	164.61	30.3	27.0-32.9	24.2	20.6-28.3	B	A	Genomict breccia
A 12014	L6	259.37	25.7	24.1-29.1	22.1	20.7-24.8	B	A	Shock vein
A 12018	L3	157.98	24.1	0.8-30.2	13.7	5.0-21.4	B	A/B	
A 12020	L6	163.04	25.5	23.4-29.4	21.4	18.9-24.5	A	A/B	
A 12021	H5	77.03	18.2	17.0-19.5	16.2	14.8-18.0	B	A	
A 12024	H5	80.10	18.4	17.0-21.2	16.1	15.2-17.4	B	A	
A 12026	H4	62.58	18.5	16.1-21.1	16.0	14.8-17.2	B	A	
A 12027	H5	427.83	20.1	19.1-21.2	16.8	9.9-18.6	B	A/B	Darkened
A 12029	L6	50.530	26.0	23.8-29.0	21.5	20.2-23.5	B	A	Shock vein
A 12030	LL6	337.58	30.5	26.7-33.5	24.4	19.5-26.0	B	A/B	
A 12032	LL6	121.02	30.7	27.2-33.9	25.2	23.8-27.0	A	A/B	
A 12036	H	70.24	20.8	19.2-22.7	17.6	15.6-18.8	B	A/B	Melt breccia
A 12037	L4	77.45	24.3	20.0-25.6	19.3	12.6-21.8	B	A	
A 12038	LL4	81.98	26.8	25.2-30.2	20.3	15.2-23.2	B	A/B	Darkened
A 12040	H4	280.89	19.0	18.1-20.3	17.1	14.6-19.8	C	A/B	
A 12042	L4	74.44	24.9	24.1-27.2	21.4	20.2-24.5	B	A	
A 12043	Euc	49.815			40.3	39.1-41.5		A	An92.3-94.2
A 12044	H6	51.424	18.3	17.5-18.9	16.5	15.7-17.3	C	A	
A 12046	L6	160.87	25.0	23.8-25.7	21.1	20.3-21.5	B	A/B	
A 12050	LL3	183.05	28.4	19.8-30.8	22.0	16.2-28.8	B	A	
A 12053	H4	96.67	19.0	15.1-20.7	16.5	13.1-18.5	B	B	
A 12058	LL6	161.31	30.5	27.9-32.7	24.5	19.6-26.4	B	B	
A 12059	LL5	381.62	29.7	26.9-33.1	23.6	21.0-27.4	A	A/B	
A 12060	H5	612.5	18.8	18.2-19.4	16.8	15.5-18.8	B	A	
A 12077	EL6	185.43			0.4	0.1-0.9	A	A/B	Si = 0.83 wt%
A 12091	H5	68.80	20.1	18.5-22.4	17.1	15.4-19.0	B/C	A/B	
A 12092	H4	91.49	19.4	18.0-22.5	17.3	15.3-21.7	B	B	
A 12100	H5	60.88	19.7	18.8-21.5	17.6	15.5-19.3	B	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12108	H6	7.233	16.1	15.4-20.2			C	A	Large metal nodule
A 12117	H5	127.91	19.9	18.3-22.8	17.6	16.1-20.1	C	B	
A 12129	LL6	468.39	28.9	26.1-32.8	22.8	19.3-26.0	A/B	B	
A 12136	H4	266.69	19.1	17.5-22.4	16.5	15.5-17.6	A	A	
A 12138	L5	298.60	25.2	24.0-26.9	21.3	20.1-23.4	C	A/B	Shock vein
A 12142	L6	171.68	25.2	24.2-26.3	21.7	20.1-24.4	B	A/B	
A 12144	Dio	143.03			30.9	28.8-32.6		A	Unbrecciated
A 12154	H6	87.71	19.3	18.2-20.3	17.0	15.8-17.9	B	A	
A 12158	Dio	17.899			25.4	22.9-27.5		A	Breccia
A 12201	H6	286.05	20.0	19.2-21.0	17.5	16.3-18.4	A	A	
A 12205	L3	400.95	24.5	13.3-27.0	21.0	12.5-23.5	B	A	
A 12211	H4	1371.7	19.2	18.1-22.1	17.3	16.3-21.4	B	A/B	
A 12212	H5	164.57	20.2	18.6-23.6	17.8	16.1-19.4	B	A	
A 12214	L6	413.64	24.8	19.9-28.0	20.9	19.1-23.2	B	B/C	
A 12216	H6	1043.3	18.6	17.5-21.5	16.4	15.5-20.4	B	B/C	
A 12219	H5	393.40	19.9	18.7-21.8	17.7	16.1-21.4	C	A	
A 12220	H5	88.41	19.4	18.1-22.4	17.2	15.4-19.7	B	A/B	
A 12221	H5	196.29	19.8	18.7-21.4	17.3	16.3-19.6	B	B	
A 12223	Euc	75.47			47.4	46.2-48.6	A	A	An89.7-92.6
A 12226	H4	103.96	19.3	17.9-22.4	16.8	14.8-17.9	B	A	Breccia
A 12227	H4	71.75	19.4	18.5-22.1	16.8	15.3-20.0	B	A/B	
A 12230	H4	62.42	19.3	18.0-23.0	16.8	13.4-19.2	B	A/B	
A 12232	H4	10.578	18.6	16.5-20.5	16.0	15.2-17.6	B	A	
A 12233	H4	149.07	19.3	18.3-23.4	17.1	15.6-19.4	B	A/B	
A 12234	H4	46.912	19.6	17.5-23.2	17.5	16.3-21.5	B	A	
A 12235	LL6	93.89	32.2	30.6-33.3	26.4	25.6-27.0	B	B/C	Breccia
A 12236	CM	93.65	2.3	0.2-19.1	1.8	0.8-6.0	A	B	
A 12237	LL6	14.465	31.2	29.0-35.8	25.4	24.5-26.8	B	B/C	Breccia
A 12238	H4	14.185	20.0	18.6-22.2	17.8	15.8-19.5	B	A	
A 12239	H4-6	52.553	19.3	17.6-20.9	15.8	2.8-19.8	B	A/B	Genomict breccia
A 12240	H4	62.75	18.9	17.7-20.1	17.2	16.1-19.5	B	A	
A 12241	LL6	15.067	31.3	28.8-33.1	24.3	20.0-26.2	B	B	Breccia
A 12242	H4	56.580	19.1	18.2-20.4	16.6	15.5-18.6	B	A	
A 12243	LL6	34.533	31.0	26.9-32.7	25.0	22.0-26.7	B	B	Breccia
A 12244	H4	56.162	19.5	18.1-24.9	16.8	15.2-19.0	B	A/B	
A 12245	EL4	14.084			1.0	0.0-5.0	B	B	Si = 0.51 wt%
A 12246	H4	4.360	19.0	18.3-22.8	16.4	14.9-18.4	B	A	
A 12247	H6	19.250	19.7	19.0-20.1	17.3	16.3-18.0	B	A/B	
A 12248	CM	52.912						A/B	Heavily altered

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12249	L4	6.787	25.3	23.9-27.3	21.5	20.2-24.4	B	B	
A 12250	LL6	45.093	31.3	30.3-34.6	25.6	23.4-26.6	B	B/C	Breccia
A 12251	H4	39.052	19.2	17.8-21.4	17.1	16.0-19.7	B	A	
A 12252	H4	46.292	19.7	17.9-23.0	16.6	14.3-17.8	B	A	
A 12253	H6	66.05	19.7	18.5-21.1	17.6	16.5-19.7	B	A/B	
A 12254	H6	35.441	18.3	16.9-20.0	16.7	14.7-19.5	B	B/C	
A 12255	L6	130.41	25.3	23.3-28.1	22.0	20.2-24.0	B	A	
A 12256	H6	57.540	19.7	18.5-21.3	17.3	15.9-19.7	C	B	
A 12257	H4	16.946	19.7	17.1-21.9	16.8	13.0-18.5	B	A	Slightly brecciated
A 12258	LL6	21.831	29.1	25.0-33.7	23.1	12.9-27.5	B	A/B	
A 12259	H6	27.728	20.3	18.6-23.6	18.2	16.2-22.8	B	A	
A 12260	H6	15.690	21.4	18.5-25.1	17.7	15.0-20.4	B	A	
A 12261	L6	83.12	26.0	24.9-27.8	22.3	20.8-24.3	B	B	Shock vein
A 12262	H3	5.182	20.2	0.6-29.0	11.4	2.1-25.6	B	A/B	
A 12263	H5	40.074	18.6	17.3-21.9	16.5	15.1-19.9	B	A	
A 12264	H5	20.238	19.8	17.9-21.7	17.8	15.8-20.4	B	A	
A 12265	LL6	18.957	31.6	30.5-33.9	26.4	24.6-28.0	A	B/C	
A 12266	H5	61.04	19.0	17.9-20.3	17.6	15.8-20.6	B	A/B	
A 12267	CK6	17.219	31.5	29.7-34.8			B	B	
A 12268	H5	128.51	18.5	17.8-19.7	16.3	15.2-17.2	B	A	
A 12269	H6	66.81	20.3	19.2-22.7	17.6	15.9-20.0	B	B	
A 12270	H5	55.421	19.4	17.9-21.5	16.8	15.4-18.2	B	B	
A 12271	H5	57.919	19.4	18.2-22.6	16.8	15.8-19.1	B	A/B	
A 12272	H5	9.268	18.9	17.2-21.5	16.0	14.7-17.7	B	A/B	
A 12273	L6	126.11	25.1	24.0-28.0	21.5	20.2-23.5	B	B	
A 12274	H5	2.267	20.8	18.5-23.1	17.7	10.7-26.1	B	A/B	
A 12275	L6	9.839	25.3	24.4-26.7	21.4	20.3-22.6	B	A	
A 12276	H5	15.868	18.7	17.4-19.7	17.1	15.8-22.5	B	A	
A 12277	H6	14.953	19.7	18.5-22.1	17.3	15.5-21.5	B	A	
A 12278	H5	36.676	18.9	17.8-20.9	17.2	16.6-19.4	C	A	
A 12279	H6	72.98	19.4	18.1-22.4	17.6	15.8-20.4	B	B	
A 12280	H6	14.619	20.3	18.4-25.4	17.9	16.2-21.8	B	A/B	
A 12281	L6	135.40	25.4	23.6-26.6	22.2	20.3-24.6	B	A	
A 12282	Euc	21.330			66.6	64.0-68.0		B	An81.1-89.7
A 12283	H6	26.259	20.2	18.7-24.9	17.5	16.1-18.6	B	A/B	
A 12284	H6	4.077	19.6	18.1-22.1	16.9	15.9-17.8	B	A	
A 12285	Euc	38.049			40.3	39.4-41.2		A	An92.3-94.2
A 12286	H6	3.327	19.4	18.8-20.1	17.2	16.3-17.8	C	A/B	
A 12288	H5	35.503	19.1	18.1-21.8	16.9	15.2-18.7	C	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12289	H5	42.112	19.2	18.2-20.1	16.9	14.6-18.9	B	A/B	
A 12290	H6	52.105	19.3	18.2-21.5	16.9	15.4-19.6	C	A/B	
A 12291	H6	6.694	20.9	18.9-23.9	17.3	16.2-18.0	B	A/B	
A 12292	H5	16.046	19.2	17.9-23.0	16.9	15.6-18.1	B	A	
A 12293	L5	8.849	24.8	23.7-27.0	21.0	19.9-22.0	B	A/B	
A 12294	H5	8.519	19.0	17.9-19.8	16.5	15.7-17.6	B	A/B	
A 12295	L6	8.372	25.2	22.4-27.2	21.7	20.5-23.9	B	A/B	Shock vein
A 12296	L6	39.179	25.3	24.1-27.7	21.7	20.5-25.0	B	A/B	
A 12297	L6	7.527	25.2	23.8-26.9	21.5	20.4-23.8	B	A	
A 12298	H5	18.887	18.9	17.9-19.9	16.4	15.6-17.9	B	A	
A 12299	H4	21.635	19.7	17.9-23.1	17.3	15.2-20.6	B	A	
A 12300	H5	31.131	19.7	18.3-25.3	17.0	13.8-20.7	B	A	
A 12301	H6	21.476	19.5	18.5-21.7	17.2	14.8-19.8	B	A/B	
A 12302	H6	28.816	18.4	17.7-21.1	16.3	14.5-17.3	C	A/B	
A 12303	H6	55.653	19.9	18.7-22.1	17.9	16.5-21.4	B	A/B	
A 12304	LL6	23.685	29.7	26.4-33.3	23.6	13.1-29.7	A	A/B	
A 12305	L6	8.041	24.5	23.0-25.3	20.6	19.1-21.5	A	A	
A 12306	L4	12.826	25.8	24.7-28.3	21.8	20.0-25.5	B	B/C	
A 12307	H6	27.789	19.6	18.6-21.0	17.5	15.8-19.2	B	A/B	
A 12308	H6	6.345	19.1	18.3-20.3	16.6	14.8-18.7	B	A	
A 12309	H4	587.77	18.9	16.9-22.6	16.7	14.9-22.9	B	A	
A 12310	L6	1.397	25.4	24.7-27.0	21.6	20.9-23.6	B	A	
A 12311	H4	26.803	19.1	18.1-22.7	16.7	15.5-17.9	B	A/B	Darkened
A 12312	H5	42.963	19.8	18.3-22.9	17.5	16.2-22.6	B	A	
A 12313	L6	119.83	24.9	23.2-28.5	21.2	20.2-25.1	B	B/C	
A 12314	H5	1.137	18.6	17.5-20.3	16.5	15.6-19.3	B	B	
A 12316	H4	135.64	18.4	17.1-20.8	16.3	15.6-17.5	B	B	
A 12317	LL6	30.565	31.6	30.5-35.5	25.6	24.5-26.3	B	B/C	Breccia
A 12318	H5	91.71	18.6	17.7-20.0	16.9	15.8-20.4	B	A	
A 12319	H6	10.865	19.6	17.5-22.8	16.8	16.2-18.8	B	A	
A 12320	H4	17.355	18.4	17.4-22.6	16.3	14.5-21.0	B	A/B	Darkened
A 12321	L6	22.367	24.5	22.9-26.0	20.9	20.2-21.6	B	B	Large igneous clast
A 12322	H5	97.43	19.4	18.4-21.2	16.9	16.1-17.8	B	A/B	
A 12323	H3	60.59	15.5	3.7-28.9	9.0	1.9-27.5	B	A/B	
A 12325	Sher	28.022	37.1	33.9-38.7	25.4	24.4-26.7	A	A/B	Shock vein, An52.5-55.4
A 12326	L4	6416.8	24.9	23.4-27.1	21.1	19.8-23.1	B	A	
A 12327	H3	156.70	19.0	17.4-24.2	16.6	15.4-18.7	B	A/B	
A 12329	H4	38.202	18.6	17.3-19.7	16.6	14.4-19.1	B	A/B	
A 12330	H3	42.665	15.2	14.8-15.8	13.7	10.4-17.2	C	A	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12331	H4	14.944	18.1	16.8-20.8	16.9	13.6-29.8	B	A	Partly melted
A 12332	H4	119.55	18.7	17.2-21.0	16.7	15.8-18.6	B	A	
A 12333	H5	12.699	19.0	18.4-20.3	17.0	15.7-20.7	C	A	
A 12334	H5	26.762	18.1	15.9-19.8	15.9	15.5-16.6	C	A/B	
A 12335	H5	23.504	18.0	16.0-22.7	15.9	14.6-19.7	B	B	
A 12336	L6	39.521	25.1	24.0-28.0	21.2	19.9-23.4	B	A	
A 12337	H6	20.892	19.0	17.4-21.9	17.1	15.5-20.9	B	A	
A 12338	H4	10.667	19.4	17.5-21.4	17.1	15.5-18.6	B	A/B	
A 12339	H6	8.963	19.5	18.0-20.9	17.4	16.2-22.0	C	A/B	
A 12340	H6	3.316	19.3	18.1-21.2	17.3	15.7-21.1	C	A	
A 12341	H6	22.842	19.5	17.8-26.2	17.6	16.0-20.7	B	A	
A 12342	H6	9.597	21.2	19.7-23.1	18.2	15.3-25.7	C	A	
A 12343	L5	8.270	26.6	25.7-29.0	22.4	21.5-23.8	A	A	
A 12344	H6	24.638	19.7	18.6-22.0	17.2	16.3-18.7	B	A	Shock vein
A 12345	L4	8.930	24.7	23.3-26.2	20.2	14.7-25.3	A	A	
A 12346	H4	38.235	19.7	18.6-24.4	17.2	16.1-20.5	A	A/B	
A 12347	H5	55.996	19.7	18.5-21.4	17.6	16.0-20.2	B	A	
A 12348	H5	19.819	19.9	15.6-22.2	19.8	15.3-28.5	B	A	
A 12349	H6	79.45	18.5	18.0-19.1	16.2	14.5-17.1	C	A/B	
A 12350	H6	54.004	19.3	18.4-20.3	17.1	16.4-17.9	C	B	
A 12351	H6	242.87	19.5	18.8-19.8	17.3	15.7-20.2	B	A	
A 12353	L6	11.973	25.3	24.3-27.6	21.4	20.2-22.9	B	A/B	
A 12354	L5	482.17	25.4	24.2-27.9	21.8	20.0-24.9	B	A/B	
A 12355	L6	6.361	25.4	24.6-26.3	21.5	20.6-22.8	A	C	
A 12356	H6	1.330	19.8	18.6-21.6	17.0	15.9-18.9	B	A/B	
A 12357	LL5	348.31	29.0	23.7-32.7	23.0	13.3-26.2	B	B/C	
A 12358	LL5	126.26	28.4	24.9-31.8	22.5	19.6-25.6	A	B	
A 12359	L6	32.074	25.0	23.7-25.9	21.0	19.7-23.1	B	B	
A 12360	H4	10.903	18.3	14.7-19.3	15.9	12.2-17.3	B	A	
A 12361	L6	16.926	25.7	24.7-28.0	21.7	20.4-25.7	B	A	
A 12362	LL4-6	80.52	30.3	19.9-34.2	25.5	15.6-28.2	B	B	Genomict breccia
A 12363	H6	159.19	20.3	18.9-22.5	17.4	16.3-21.4	C	A/B	Darkened
A 12364	L6	19.428	25.4	24.3-27.2	21.3	20.7-22.2	B	A/B	
A 12365	H5	12.362	19.2	18.0-20.3	17.3	16.2-19.4	B	A/B	
A 12366	H5	38.660	18.0	17.3-19.2	16.3	14.4-19.3	A	A	
A 12367	L6	71.50	24.8	23.9-26.0	21.1	20.3-22.4	A	B/C	
A 12368	H5	231.36	18.6	17.7-19.4	16.8	16.2-18.4	B	A	
A 12369	L6	28.007	24.9	24.3-26.2	21.0	19.5-22.3	A	B/C	
A 12370	H4	112.42	19.4	17.9-22.6	16.8	15.7-19.4	B	A/B	

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12371	L4	189.62	25.0	23.5-27.5	21.1	19.9-22.0	B	B/C	
A 12372	L4	14.872	25.8	24.4-27.5	21.8	20.2-23.7	B	A/B	Shock vein
A 12373	CV	31.379	13.1	0.6-31.6	10.5	1.5-22.3	A	A	
A 12374	Euc	18.323			61.6	60.6-63.2		A/B	An72.8-93.7
A 12375	H5	7.340	19.9	18.3-23.5	17.0	12.2-21.3	A	A	
A 12376	CO	129.97	7.2	0.6-39.5	2.4	0.8-7.1	A	A	
A 12377	H6	27.619	20.0	18.8-22.4	17.6	16.3-23.2	B	A	
A 12378	L4	160.60	25.5	24.1-29.5	21.4	19.5-23.3	A	A/B	
A 12379	H4	19.583	19.4	17.9-23.2	16.9	15.6-20.6	B	A/B	
A 12380	H5	114.53	19.6	17.7-22.7	17.9	15.5-25.6	B	B	
A 12381	L6	40.343	25.6	24.4-27.3	21.8	19.6-24.1	B	A/B	
A 12382	H5	41.812	19.3	18.4-21.1	16.9	15.6-21.2	B	A/B	
A 12383	H4	406.04	18.7	18.1-19.4	16.4	15.9-17.6	B	A/B	
A 12384	L6	348.16	25.9	24.4-28.9	21.3	19.9-23.4	B	B/C	
A 12385	H5	11.533	19.4	17.9-21.5	17.5	15.8-20.4	B	A/B	
A 12386	H5	100.73	17.3	16.0-20.5	15.5	12.9-19.0	B	A/B	
A 12387	L6	40.291	25.4	24.7-25.9	21.3	20.5-22.5	A	A/B	Shock vein
A 12388	H4	41.447	20.1	18.6-22.7	17.9	15.9-22.8	B	A/B	
A 12391	LL5	11.376	29.8	28.7-34.1	24.7	23.4-26.0	A	A	
A 12392	LL4	67.72	29.1	27.4-29.8	23.9	22.6-26.3	A	A	
A 12393	LL4	38.633	29.3	28.3-31.4	24.0	19.9-25.5	A	A/B	
A 12394	LL4	28.981	29.4	28.8-30.3	22.9	14.6-26.4	A	A/B	
A 12395	LL4-6	37.259	29.6	28.5-32.1	22.5	20.8-25.5	A	A/B	Genomict breccia
A 12396	L6	35.225	25.2	23.7-27.8	21.0	20.0-21.7	C	B/C	
A 12397	L6	36.144	26.1	24.5-29.4	21.7	20.8-22.9	B	B	
A 12398	H5	21.206	19.8	18.3-21.7	17.5	16.5-19.7	B	A	
A 12399	H4	48.987	18.5	18.0-19.3	16.5	14.6-21.2	B	A	
A 12401	LL6	39.869	30.0	29.2-31.1	24.9	23.3-26.1	B	B	
A 12402	LL5	4.670	29.6	28.6-30.5	23.7	22.2-25.0	A	A	
A 12403	LL6	34.092	29.5	29.1-30.1	24.0	18.9-25.5	A	A/B	Breccia
A 12404	L6	69.75	26.0	24.6-28.9	22.4	20.4-25.2	B	A/B	Shock vein
A 12405	LL3	32.443	28.8	26.8-30.1	21.6	9.7-25.0	A	A/B	
A 12406	L6	28.726	26.2	23.9-29.1	21.5	19.9-22.7	C	B	
A 12407	Euc	6.919			68.2			A	Wo4.2-37.1En20.7-55.3
A 12408	CM	10.216	6.1	0.3-38.2	8.1	1.0-36.7	A	A	
A 12409	H6	496.69	19.5	17.7-20.9	17.1	16.0-19.4	B/C	A	
A 12410	LL6	51.003	29.4	28.4-30.5	24.2	22.3-25.6	A	A/B	
A 12411	LL6	186.87	29.4	28.2-30.8	24.2	22.3-25.6	A	B	
A 12412	LL6	88.02	28.8	27.7-29.9	22.2	13.7-25.6	A	A/B	Breccia

Table 1. Continued.

Meteorite	Class	Wt. (g)	Fa	Range	Fs	Range	W	F	Comments
A 12413	LL6	119.50	29.2	27.9-30.3	24.4	21.2-25.9	B	A/B	
A 12414	LL5	46.888	29.4	28.7-30.5	23.7	17.8-26.0	B	A/B	
A 12415	LL4	27.419	29.6	28.4-30.9	24.3	22.5-25.3	A	A/B	
A 12416	LL4	28.652	29.5	28.2-30.7	24.1	19.5-25.2	A	A/B	
A 12417	LL4	24.169	29.7	28.9-31.3	23.6	17.3-26.2	A	A/B	
A 12418	LL4	53.290	29.1	27.1-30.8	24.0	22.0-25.1	A	A/B	
A 12419	H4	77.77	16.4	15.5-17.8	14.9	13.8-16.3	B	A/B	
A 12420	LL6	71.46	30.4	28.6-31.3	25.0	24.3-25.7	B	A/B	
A 12421	LL6	57.966	29.6	28.8-30.8	24.4	23.4-25.6	A	A/B	
A 12422	LL5	26.639	30.0	29.1-31.2	25.0	22.3-26.2	A	A	
A 12423	LL5	99.17	29.2	27.4-30.7	24.4	21.7-25.6	B	A/B	
A 12424	LL5	8.065	29.7	28.7-30.8	22.7	14.8-25.0	B	A	
A 12425	LL6	6.593	29.6	28.1-30.8	24.2	19.1-26.2	A	A/B	
A 12426	LL6	281.40	31.1	29.9-32.2	25.4	24.8-25.9	B	B	
A 12427	L6	13.821	25.6	24.5-27.7	22.0	21.1-23.7	C	A/B	
A 12428	L6	17.255	25.2	23.8-26.7	21.2	20.3-21.7	C	A/B	
A 12429	H6	128.20	18.7	17.6-20.0	16.3	14.8-16.9	C	A	
A 12430	LL4	4003.2	28.3	27.3-29.4	21.1	9.4-24.9	B	A/B	
A 12431	LL5	19.572	28.8	27.9-32.1	23.5	20.7-26.3	A	A	
A 12432	L6	273.14	25.4	24.4-26.4	21.9	20.2-28.2	B	A/B	
A 12433	LL6	5.397	30.0	29.0-30.6	24.3	19.8-26.7	A	A/B	
A 12434	LL6	35.703	30.1	29.3-30.9	24.3	21.4-26.4	B	A/B	
A 12435	LL6	50.285	29.3	28.3-31.1	24.5	22.5-26.8	A	A/B	
A 12436	H4	51.125	19.5	18.4-21.9	17.4	15.4-24.4	B	A	
A 12437	CM	123.36	6.0	0.2-38.2	19.4	1.8-37.1	A	A	

Notes for Table 1

F: fracturing index
- A: No or a few narrow cracks are visible.
- B: Several cracks extend across exterior surface.
- C: Severe cracks

W: weathering index
- A: Limonite haloes on metal particles and limonite veins are minor.
- B: 7.5 to 35% of metal particles are weathered to limonite.
- C: Most metal particles are weathered to limonite.