



Antarctic Meteorite **NEWSLETTER**

Volume 13, Number 1

Guide to the U.S. Collection of Antarctic Meteorites 1976-1988

(Everything you wanted to know about the meteorite collection*)

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**So you don't have to ask*

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OVERVIEW

In order for the Meteorite Community to make full use of the collection of Antarctic Meteorites, we felt it was time to summarize the state of the collection in a special edition of the Antarctic Meteorite Newsletter. This guide is intended to assist investigators plan their meteorite research and select and request samples. It contains useful information for all classified meteorites from 1976-1988 collections, as of September 1989. The meteorite collection has grown over thirteen years to include 4264 samples of which 2754 have been classified. Most of the unclassified meteorites are ordinary chondrites because the collections have been culled for specimens of special petrologic type. Some surprises always surface as we weed through the collections.

The US Antarctic Meteorite Program is a collaboration between three government agencies: National Science Foundation Division of Polar Programs (NSF-DPP) which is responsible for the collection of meteorites; National Aeronautics and Space Administration (NASA) which provides initial processing and description of meteorites and short-term curation of stony meteorites at Johnson Space Center (JSC); and Smithsonian Institution (SI) which provides classification, curation of iron meteorites, and long-term curation of all meteorites at National Museum of Natural History (NMNH). As individual meteorites are less actively requested they are transferred to the custody of NMNH. To date 538 samples have been transferred.

The Meteorite Working Group (MWG) is a committee of 10 people which advises the three agencies on matters of meteorite collection and curation. MWG is responsible for reviewing sample requests and recommending allocations generally at their meetings in April and October. However, some requests can be approved for allocation by the curator between meetings. The Meteorite Steering Group (MSG) consists of one member from each of the three agencies. MSG reviews the

recommendations of MWG and makes decisions on allocations and policies.

The main portion of this guide consists of two large classification tables. They are preceded by a list of sample locations and important notes to make the tables understandable. Table 1 lists meteorites in alpha-numeric order. It gives sample name, weight, classification, degree of weathering and fracturing, and information on the mineral composition and cosmic-ray exposure (^{26}Al and natural TL). Sources of further descriptive information are given as issues of the Antarctic Meteorite Newsletter and volumes in the series of Smithsonian Contributions to the Earth Sciences.

The column headed "Custody" lists who is responsible for each meteorite. Most meteorites are curated by NASA at JSC and are the responsibility of MWG. Requests should be submitted to MWG at the address given in the Sample Request Guidelines at the end of this catalog. A growing number of meteorites are being transferred to NMNH and requests should be submitted to them. The US and Japanese had joint expeditions in 1976, 1977 and 1978. Most meteorites collected from these years were split with the Japanese, but a few were sent to Japan in their entirety. These meteorites should be requested from National Institute of Polar Research (NIPR) in Japan.

Table 2 lists meteorites by classification and includes sample name, weight, suggested pairing data, and icefield location. Paired samples are those that are considered to be part of a common fall.

The remaining sections of the guide are graphic representations of the classified meteorite collection, brief descriptions of valuable ordinary meteorites, a list of homogenized powders, and guidelines for requesting samples. Use of this information in conjunction with Table 1 and Table 2 should make it possible to choose the best specimen of a specific type to

answer a scientific problem. Although the subtitle of the guide states "Everything you wanted to know about the meteorite collection so you don't have to ask", we still welcome questions from inquiring minds.

Acknowledgements

This guide has been greatly enhanced by the skills of Claire B. Dardano, who has an amazing ability to manipulate files and data between the three computer systems used to produce the guide. She continued to smile even when asked to do the impossible. In addition, all of the statistical graphs were agonizingly designed by Claire. Margo Albores graciously entered data into programs specially written for "the Meteorite people" by Jenny Seltzer. Anita Dodson collated and perfected our design. Finally we wish to thank Carol Schwarz, Cecilia Satterwhite, and Robbie Marlow who "took up the slack" so we would have time to put this guide together.

METEORITE STATISTICS

This section has a chart with the number of individually collected meteorite fragments plus pictorial compilations of the mass distribution of all the classified meteorites found in Tables 1 and 2. The graphs represent each of the major meteorite groups: Achondrites; Chondrites (ordinary, enstatite, carbonaceous); Irons. Each chart shows the mass of the meteorites in the subclassification of the major groups found per site. The mass rather than the number of fragments found was used because the pairing issue has not been addressed.

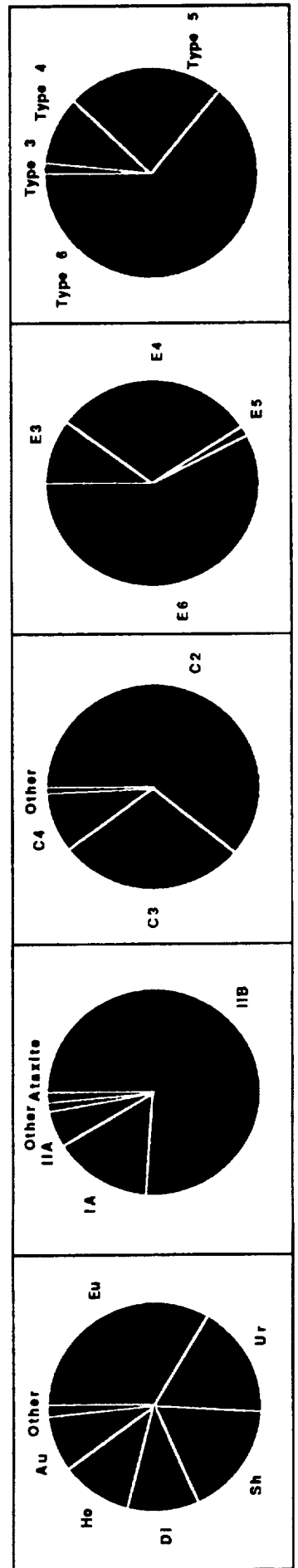
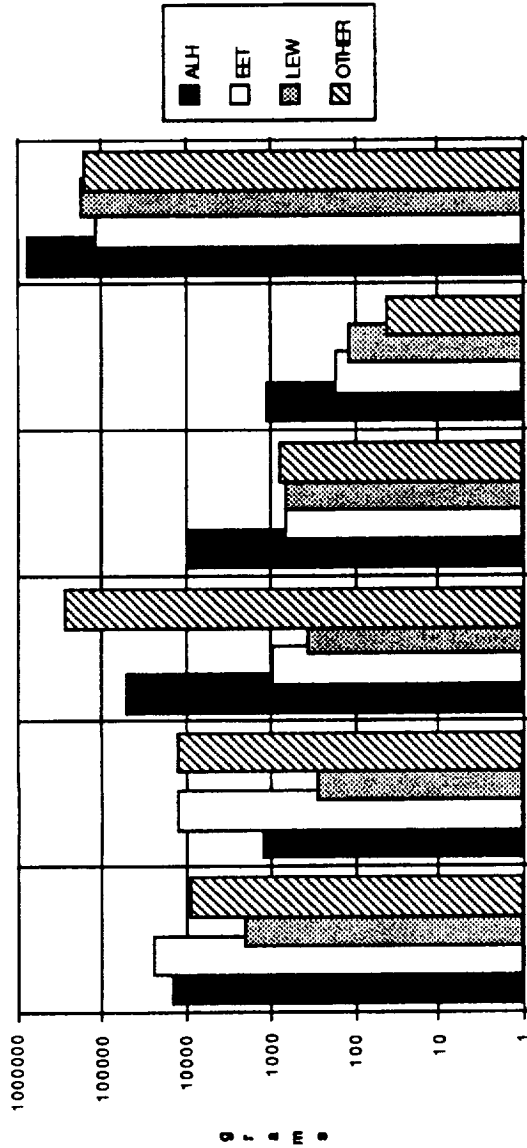
ANTARCTIC METEORITE COLLECTION

Total Number of Individually Named Fragments Collected per Site per Year

Site	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	Site Total
Allan Hills	9	299	260	53	32	315	45	83	263	158	13	7		1537
Bowden Neve										1				1
Bates Nunataks			4											4
Dominion Range										11				11
Derrick Peak			9											9
Elephant Moraine				10			17	197	9		3	360		596
Geologists Range										2				2
Grosvenor Mountains										19				19
Mount Howe													3	3
Inland Forts								1						1
Lewis Cliff										168	537	279	800	1784
MacAlpine Hills												21	106	127
Mount Baldr	2													2
Meteorite Hills			28											28
Miller Range										1				1
Outpost Nunatak					1									1
Pecora Escarpment							29							29
Purgatory Peak		1												1
Queen Alexandra Range											1	2		3
Reckling Peak			5	10	67						6			88
Thiel Mountains							16							16
Taylor Glacier							1							1
Year Total	11	300	306	73	100	315	108	281	272	360	560	669	909	4264

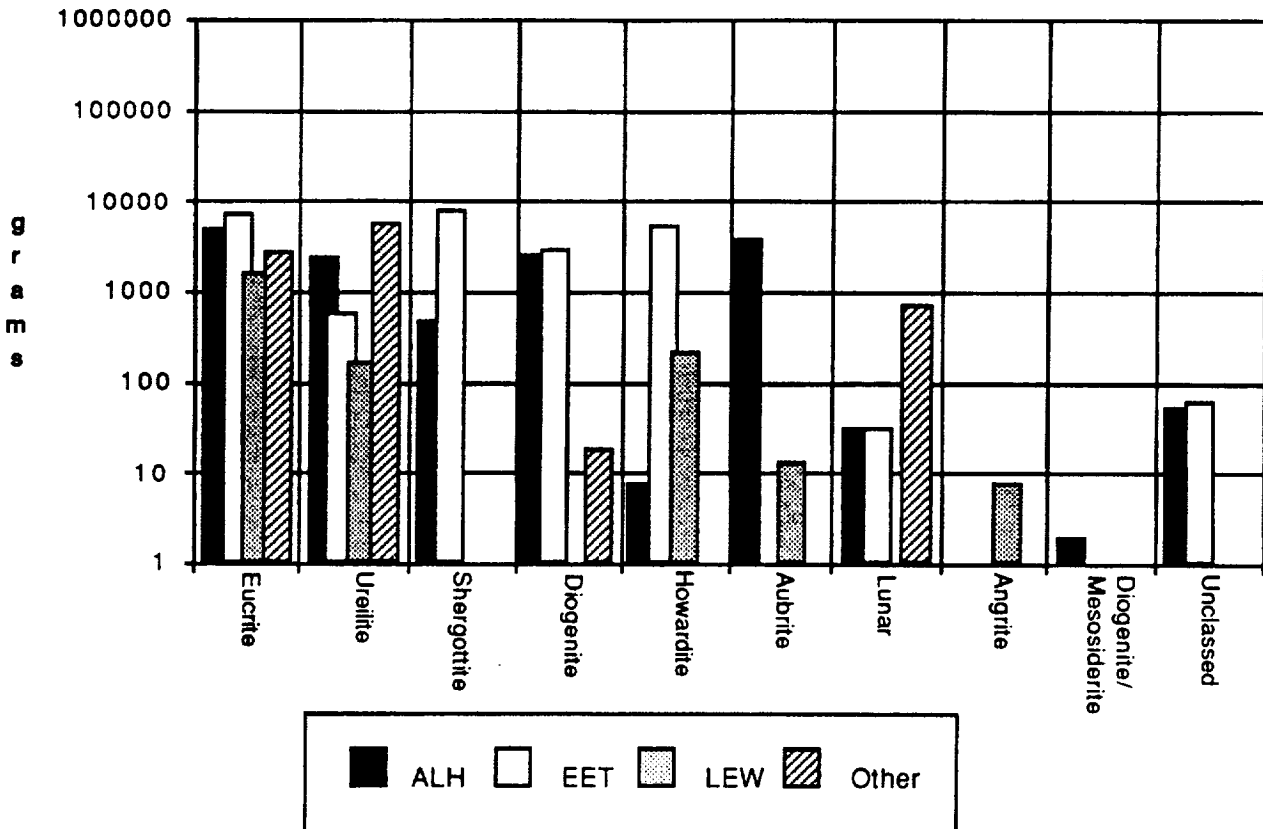
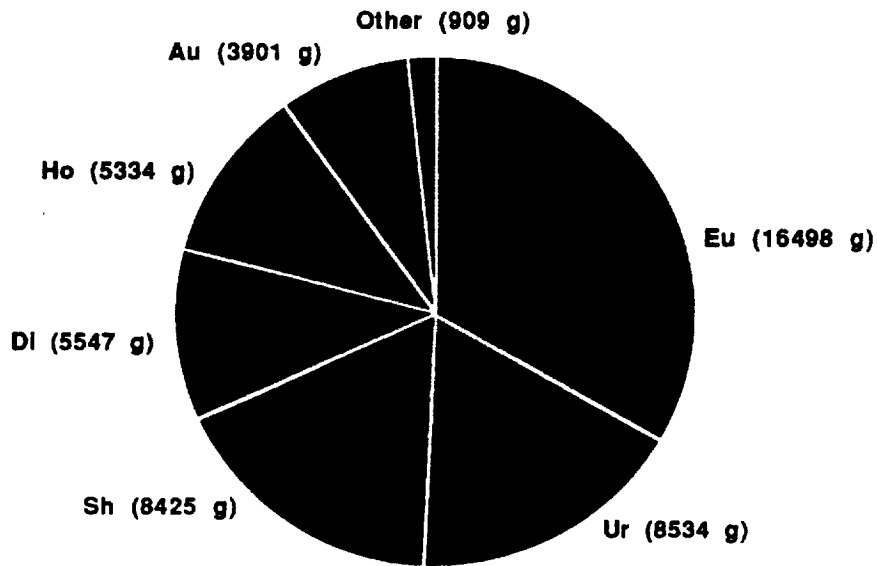
ANTARCTIC METEORITE COLLECTION

Mass Distribution by Classification



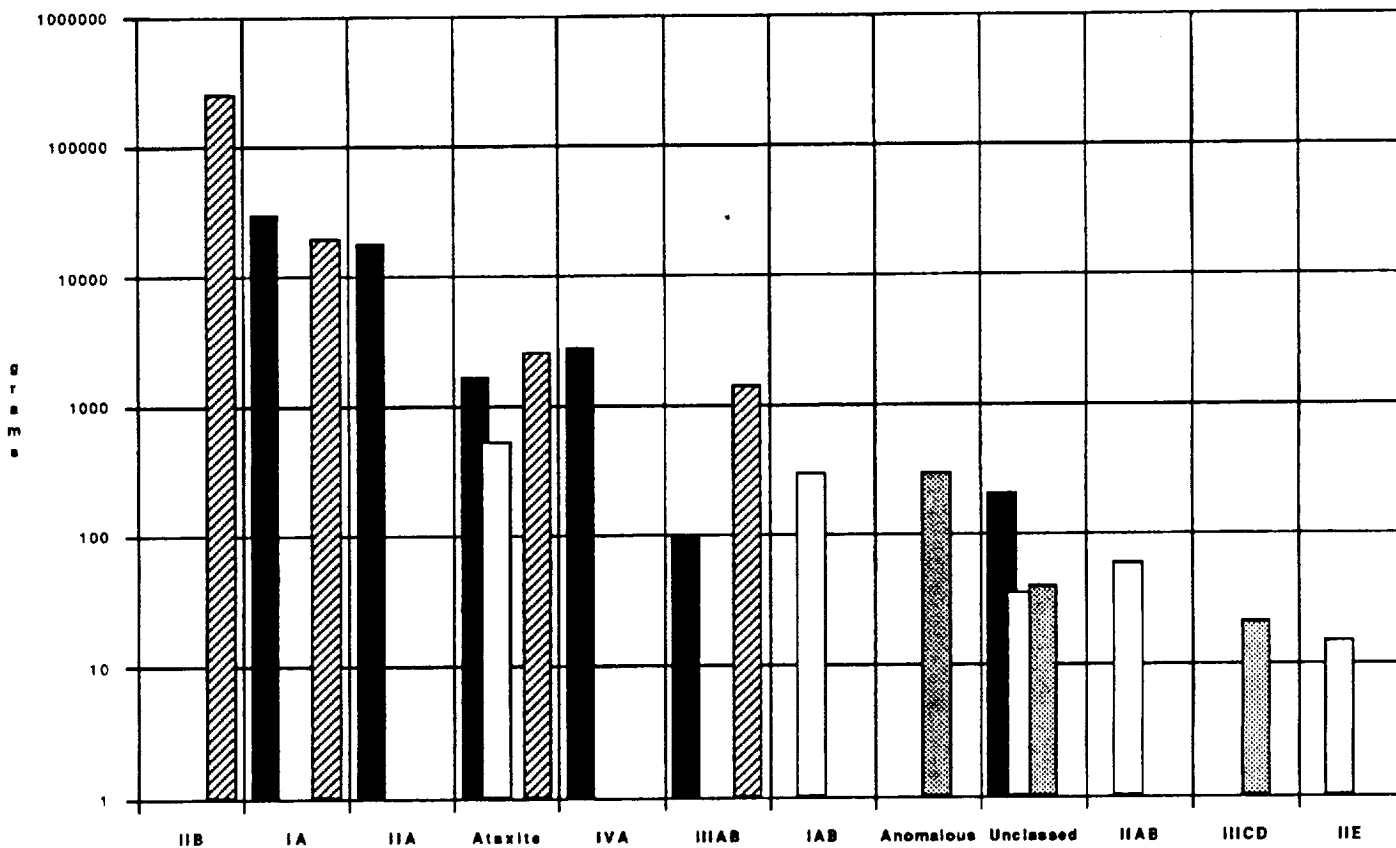
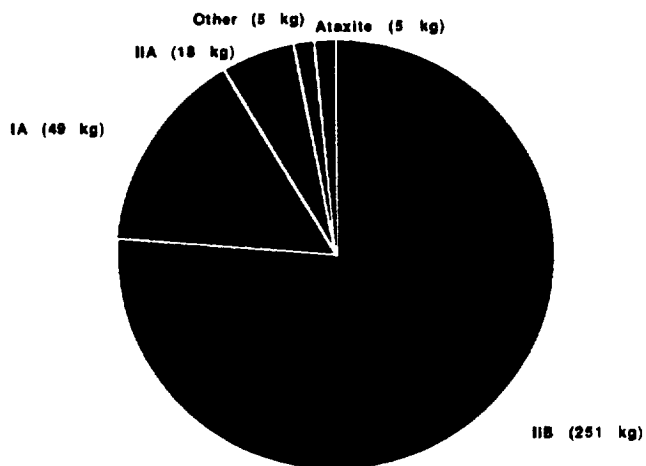
ACHONDRITES

Mass Distribution by Classification



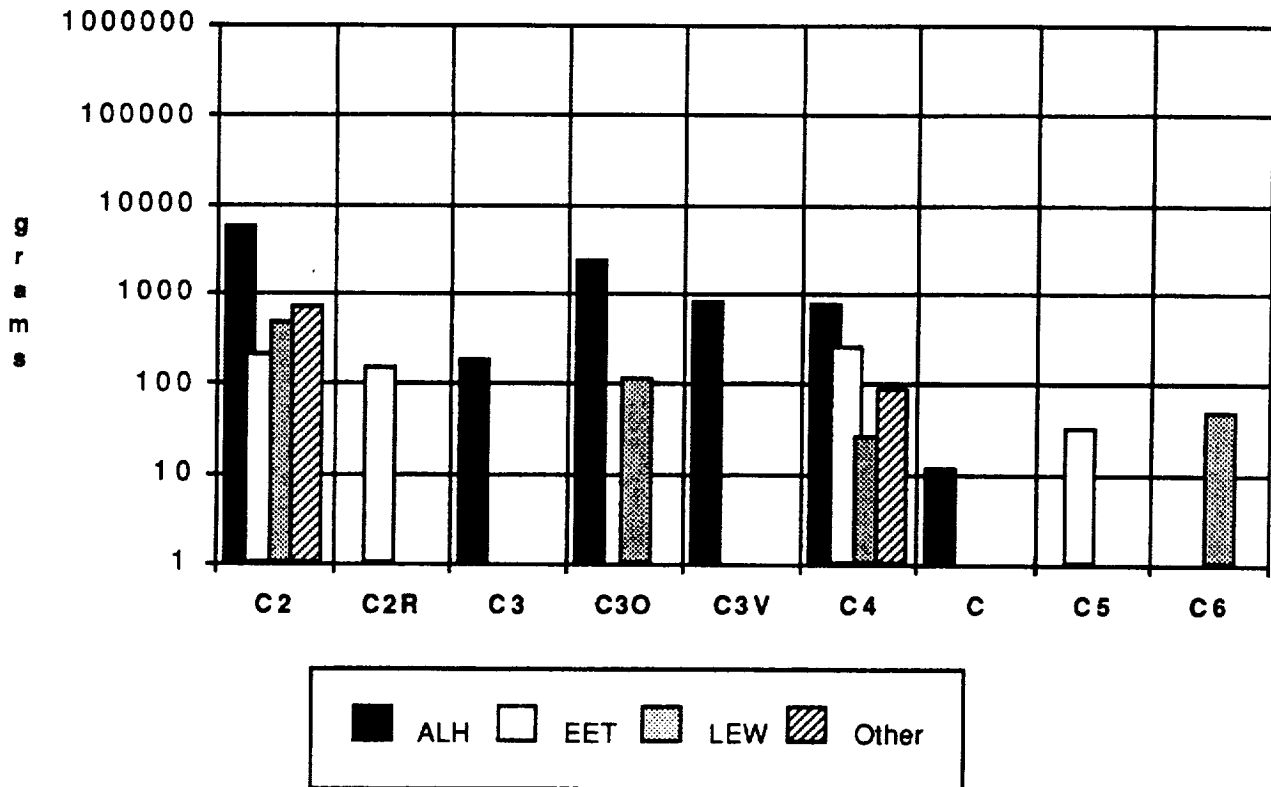
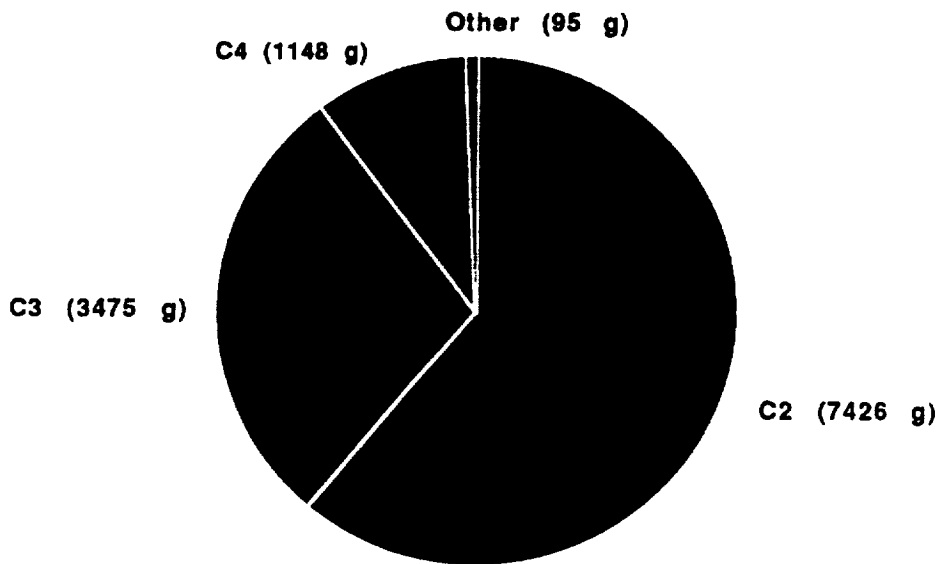
IRONS

Mass Distribution by Classification



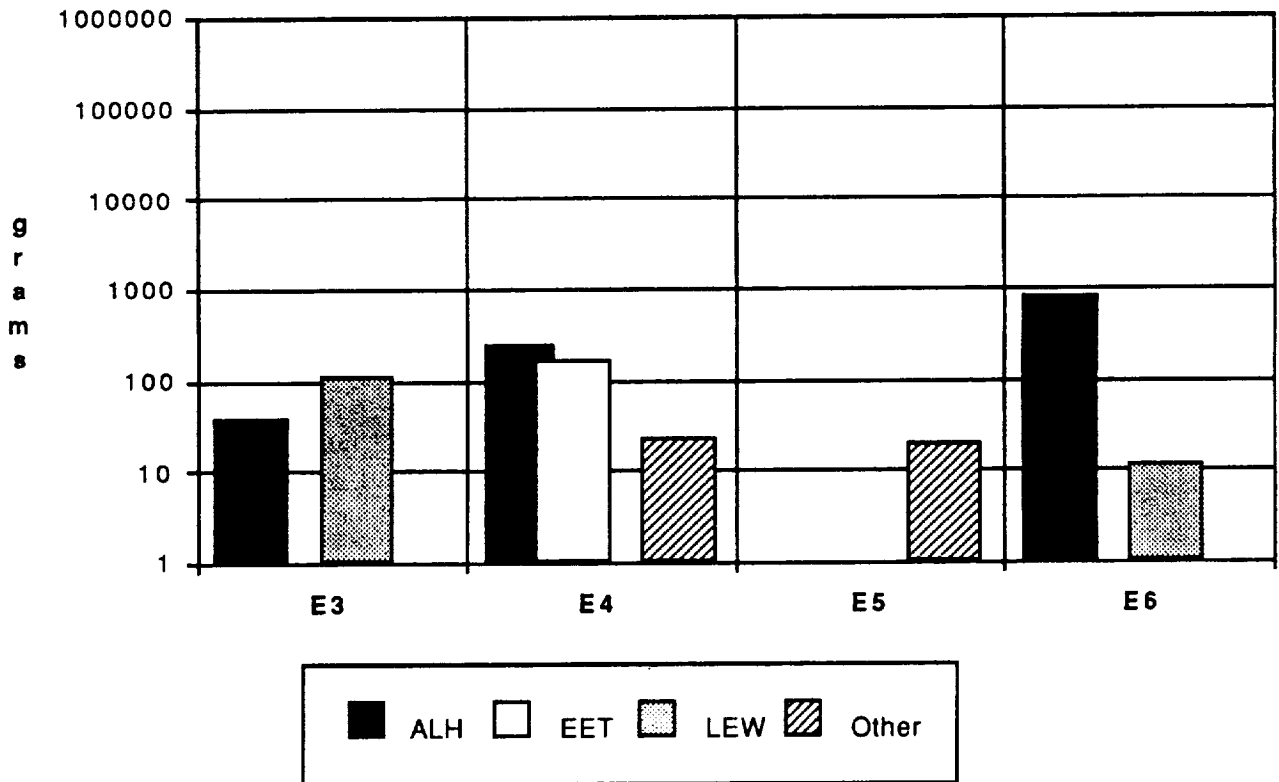
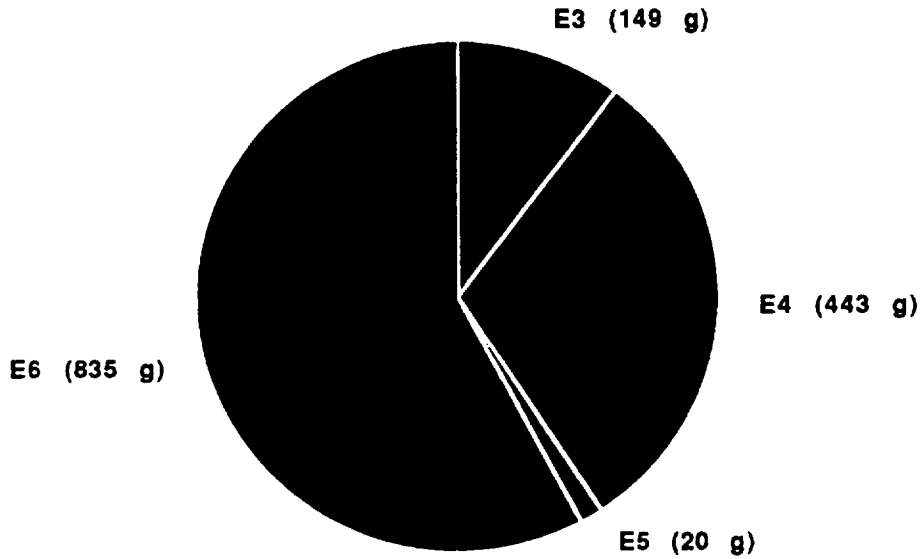
CARBONACEOUS CHONDRITES

Mass Distribution by Petrologic Type



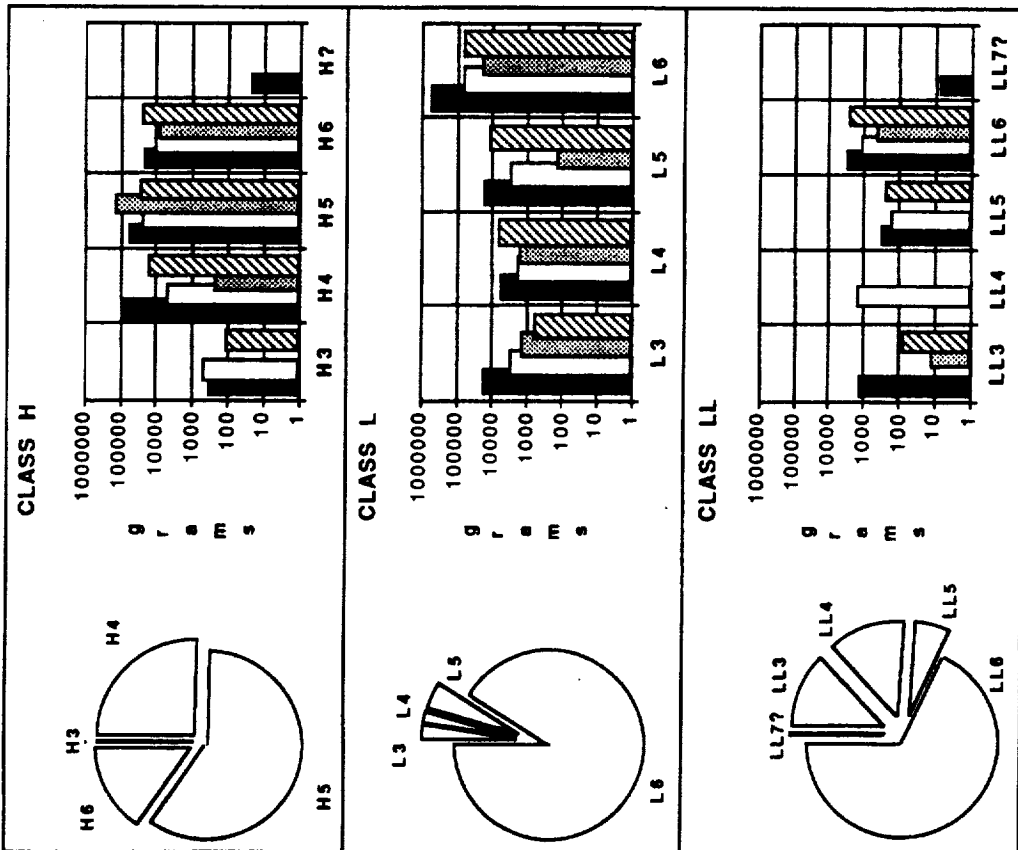
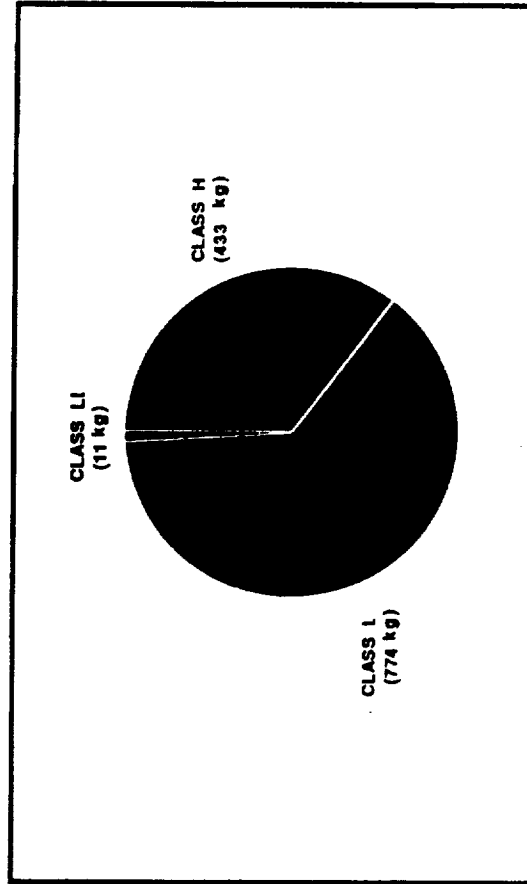
ENSTATITE CHONDRITES

Mass Distribution by Petrologic Type



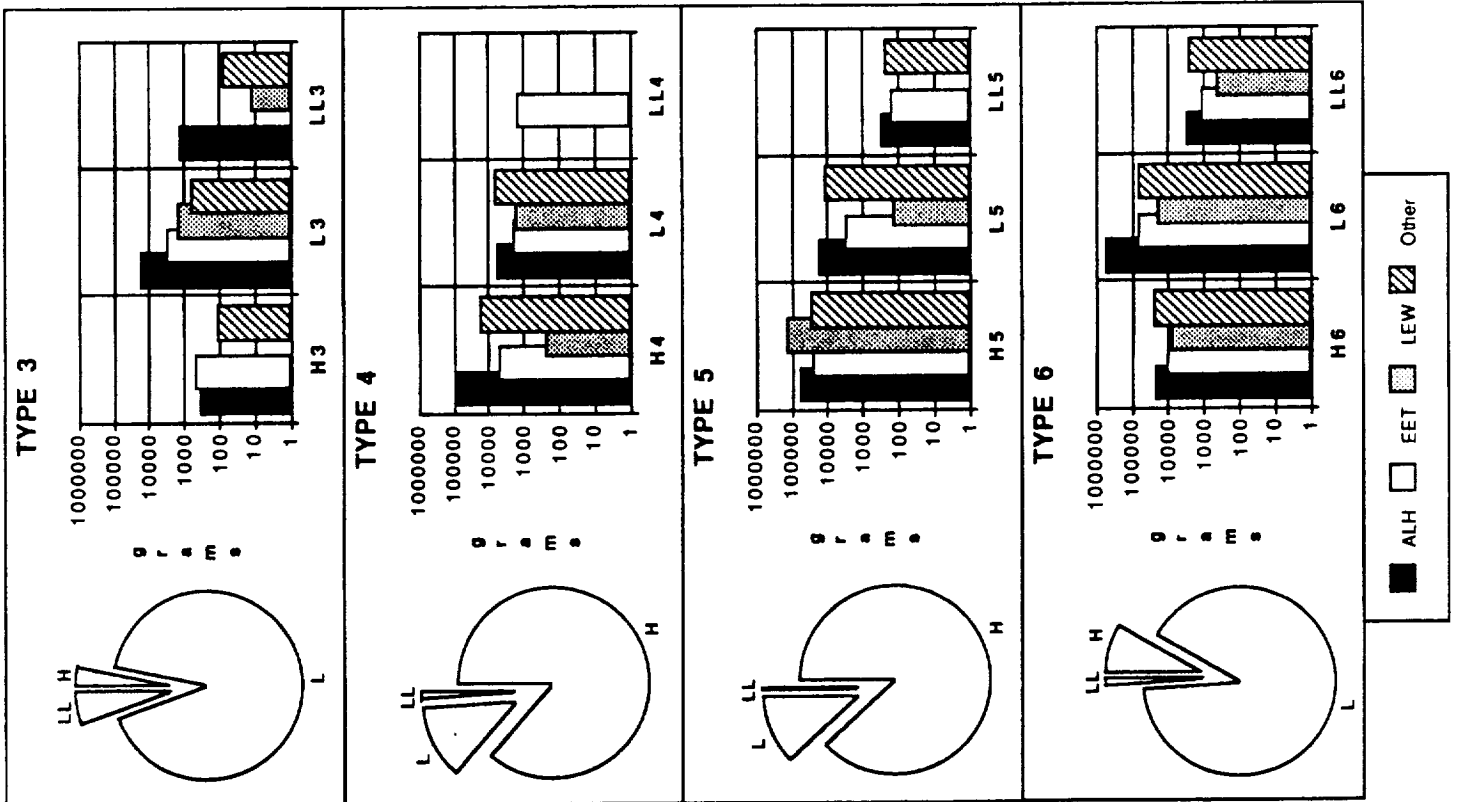
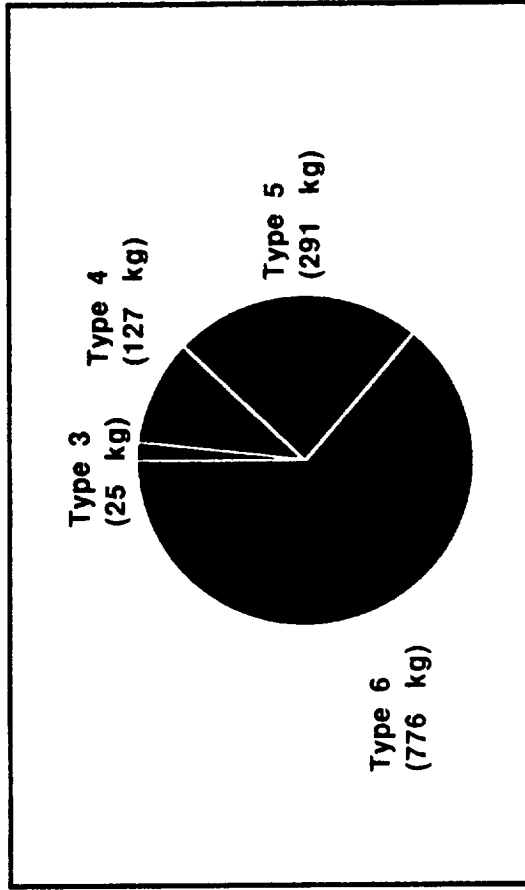
ORDINARY CHONDRITES

Mass Distribution by Chemical Class



ORDINARY CHONDRITES

Mass Distribution by Petrologic Type



METEORITE CLASSIFICATIONS

ANTARCTIC METEORITE LOCATIONS

ALH _____	Allan Hills	MAC _____	MacAlpine Hills
BOW _____	Bowden Neve	MBR _____	Mount Baldr
BTN _____	Bates Nunataks	MET _____	Meteorite Hills
DOM _____	Dominion Range	MIL _____	Miller Range
DRP _____	Derrick Peak	OTT _____	Outpost Nunatak
EET _____	Elephant Moraine	QUE _____	Queen Alexandra Range
GEO _____	Geologists Range	PCA _____	Pecora Escarpment
GRO _____	Grosvenor Mountains	PGP _____	Purgatory Peak
HOW _____	Mt. Howe	RKP _____	Reckling Peak
ILD _____	Inland Forts	TIL _____	Thiel Mountains
LEW _____	Lewis Cliff	TYR _____	Taylor Glacier

NOTES TO TABLES 1 AND 2:

"Weathering" categories:

- A: Minor rustiness; rust haloes on metal particles and rust stains along fractures are minor.
- B: Moderate rustiness; large rust haloes occur on metal particles and rust stains on internal fractures are extensive.
- C: Severe rustiness; metal particles have been mostly stained by rust throughout.
- e: Evaporite minerals visible to the naked eye. See Velbel, *Meteoritics* 23(2) for discussion.

"Fracturing" categories:

- A: Minor cracks; few or no cracks are conspicuous to the naked eye and no cracks penetrate the entire specimen.
- B: Moderate cracks; several cracks extend across exterior surfaces and the specimen can be readily broken along the cracks.
- C: Severe cracks; specimen readily crumbles along cracks that are both extensive and abundant.

***AL data from:** J. Wacker, J. Reeves, J. Evans, at Battelle Northwest, see J.C. Evans and J.H. Reeves, 1987, *EPSL* 82 p. 233-230.

NTL (Natural TL) data from: F. Hasan, D. Sears, B. Myers, H. Sears, R. Score at University of Arkansas, see F.A. Hasan, R. Score and D.W.G. Sears, 1989, *LPSC XX* p. 383-384.

Custody: MWG = Meteorite Working Group; NMNH = National Museum of Natural History, Smithsonian Institution; NIPR = National Institute of Polar Research, Japan.

References: AMN = Antarctic Meteorite Newsletter: Vol. (No.); SI = Smithsonian Contributions to the Earth Sciences: Vol, beginning page number of the appropriate chapter.

@ Pairing data are from:

- 1) Scott, E.R.D. (1989), Pairing of Meteorites from Victoria Land and Thiel Mountains, Antarctica, in U.B. Marvin and G.J. MacPherson, editors, *Smithsonian Contributions to the Earth Sciences*, 28:103-111.
- 2) Table 3 in *Antarctic Meteorite Newsletter* 1(1) through 12(3).

+ Icefield data are from:

- 1) Schutt, J., Fessler, B. and Cassidy, W.A. (1989) *Antarctic Meteorite Location and Mapping Project*, LPI Technical Report 89-02, Lunar and Planetary Institute, Houston, 58pp.
- 2) Yanai, K. (1984) *Locality Map Series of Antarctic Meteorites*, Sheet 1 Allan Hills, National Institute of Polar Research, Tokyo.
- 3) *Antarctic Search for Meteorites (ANSMET) field notes*.

ALPHABETICAL LISTING OF CLASSIFIED METEORITES FROM THE 1976 - 1988 COLLECTION
(as of September 1989)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				A	B						SI	AMN
ALHA76001	20151.0	L-6 CHONDRITE	A	A	25	21				MWG	23,12	1(3)
ALHA76002	1510.0	IRON-GROUP IA								NIMNH	24,49	4(1)
ALHA76003	10495.0	L-6 CHONDRITE	A	A	25	21				MWG	23,12	1(3)
ALHA76004	305.0	LL-3 CHONDRITE	A	A	0-34	0-53	58±6			MWG	23,12	4(1)
ALHA76005	1425.0	EUCRITE (POLYMICT)	A	A		37-57	89±9			MWG	23,12	2(1)
ALHA76006	1137.0	H-6 CHONDRITE	Ce	B	18	16	51±5			NIMNH	23,12	4(1)
ALHA76007	410.0	L-6 CHONDRITE	B	A	24	21	45±4			NIMNH	23,12	1(3)
ALHA76008	1150.0	H-6 CHONDRITE	B/C	B	19	17	11±1	10.3±0.1		MWG	23,12	4(1)
ALHA76009	407000.0	L-6 CHONDRITE	B	B	24	21				NIMNH	23,12	1(3)
ALHA77001	252.0	L-6 CHONDRITE	B	B	25	21	52±5			NIMNH	23,12	4(1)
ALHA77002	235.2	L-5 CHONDRITE	B	A/B	25	22	30±3	17.2±0.4		MWG	23,12	1(1)
ALHA77003	779.6	CARBONACEOUS C30	Ae	A	4-48	2-25	45±5			MWG	23,12	1(2)
ALHA77004	2230.0	H-4 CHONDRITE	C	C	17-20	15-27	52±5	35.5±0.3		MWG	23,12	4(1)
ALHA77005	482.5	SHERGOTTITE	A	A	28	23	55±2			MWG	23,12	4(1)
ALHA77007	99.3	H-5 CHONDRITE	B		19.1	16.7	36±2			MWG	26,55	6(2)
ALHA77008	93.0	L-6 CHONDRITE	A		24.6	20.6	49±3			NIMNH	26,55	6(2)
ALHA77009	235.5	H-4 CHONDRITE	C	A	18	16	32±2			MWG		3(1)
ALHA77010	295.8	H-4 CHONDRITE	C	A	18	15-18	49±3			MWG		4(1)

** Classification Change

ALHA77052	112.2	L-3 CHONDRITE	B/C	n.d.	n.d.	42±3	MWG	26,55	6(2)
ALHA77054	10.4	H-5 CHONDRITE	B	18.5	16.9		NMNH	26,55	6(2)
ALHA77056	12.3	H-4 CHONDRITE	A/B	18.8	16.3		MWG	26,55	6(2)
ALHA77058	3.7	H-5 CHONDRITE	B	18.8	16.1		NMNH	26,55	6(2)
ALHA77060	64.4	LL-5 CHONDRITE	A	28.1	23.2	38±3	MWG	26,55	6(2)
ALHA77061	12.6	H-5 CHONDRITE	B	18	17		NMNH	23,12	1(2)
			A						4(1)
ALHA77062	16.7	H-5 CHONDRITE	B	18	17	47±5	NMNH	23,12	1(2)
			B						4(1)
ALHA77063	2.9	H-5 CHONDRITE	B	18.0	16.8		NMNH	26,55	6(2)
ALHA77064	6.5	H-5 CHONDRITE	B	18	17		NIPR	23,12	1(2)
			B						4(1)
ALHA77066	4.9	H-5 CHONDRITE	A	19.0	17.4		NMNH	26,55	6(2)
ALHA77069	0.8	L-6 CHONDRITE	B/C	25.4	21.4		NMNH	26,55	6(2)
ALHA77070	18.4	H-5 CHONDRITE	B	18.4	16.8		NMNH	26,55	6(2)
ALHA77071	10.9	H-5 CHONDRITE	B	18	17	55±6	NMNH	23,12	1(2)
			B						4(1)
ALHA77073	10.1	H-5 CHONDRITE	A/B	18.8	17.7		NMNH	26,55	6(2)
ALHA77074	12.1	H-5 CHONDRITE	B	18	17		NIPR	23,12	1(2)
			B						4(1)
ALHA77076	1.7	H-5 CHONDRITE	B	19.5	16.1		NMNH	26,55	6(2)
ALHA77078	24.1	H-5 CHONDRITE	B	19.5	16.7	67±8	MWG	26,55	6(2)
ALHA77079	7.8	H-5 CHONDRITE	A	18.2	15.8		NMNH	26,55	6(2)
ALHA77081**	8.6	H? CHON./ACAPULCO-LIKE	B	11	11	42±4	MWG	28,29	1(2)
			B						4(1)
ALHA77082	12.0	H-5 CHONDRITE	A/B	19.3	16.5		NMNH	26,55	6(2)
ALHA77084	44.1	H-5 CHONDRITE	A/B	18.8	16.8	53±7	NMNH	26,55	6(2)
ALHA77085	45.9	H-5 CHONDRITE	B	18.8	17.6	37±4	MWG	26,55	6(2)
ALHA77086	19.4	H-5 CHONDRITE	C	19	17	58±6	NMNH	23,12	1(2)
			B						4(1)
ALHA77087	30.7	H-5 CHONDRITE	B	19.0	16.7	41±10	MWG	26,55	6(2)
ALHA77088	51.2	H-5 CHONDRITE	C	19	17	55±6	NMNH	23,12	1(2)
			B						4(1)
ALHA77089	7.8	L-6 CHONDRITE	B	25.5	21.4		NMNH	26,55	6(2)
ALHA77091	4.2	H-5 CHONDRITE	B/C	18.9	16.1		NMNH	26,55	6(2)
ALHA77092	45.0	H-5 CHONDRITE	A	18.5	16.5	44±7	MWG	26,55	6(2)
ALHA77094	6.6	H-5 CHONDRITE	B	18.5	16.2		NMNH	26,55	6(2)
ALHA77096	2.5	H-5 CHONDRITE	A	18.7	17.1		NMNH	26,55	6(2)
ALHA77098	8.0	H-5 CHONDRITE	B	18.7	16.7		NMNH	26,55	6(2)
ALHA77100	18.2	H-5 CHONDRITE	A/B	19.2	16.4		NMNH	26,55	6(2)
ALHA77101	3.8	H-5 CHONDRITE	B	18.6	17.0		NMNH	26,55	6(2)
ALHA77102	12.3	H-5 CHONDRITE	B	19	15		NMNH	23,12	1(2)
			B						4(1)
ALHA77104	6.3	H-5 CHONDRITE	A	18.9	16.9		NMNH	26,55	6(2)
ALHA77106	7.8	H-5 CHONDRITE	A/B	18.8	16.5		NMNH	26,55	6(2)
ALHA77108	0.7	H-5 CHONDRITE	A/B	18.5	15.9		NMNH	26,55	6(2)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALHA77111	52.3	H-6 CHONDRITE	A/B	A/B	19.0	16.6	20±7		MWG	26,55	6(2)
ALHA77112	21.7	H-5 CHONDRITE	A	A	18.7	16.7	29±15		MWG	26,55	6(2)
ALHA77113	2.0	H-5 CHONDRITE	B	B	18.7	17.2			NMNH	26,55	6(2)
ALHA77114	44.5	H-5 CHONDRITE	B	B	19.6	17.2	47±9		NMNH	26,55	6(2)
ALHA77115	154.4	L-3 CHONDRITE	B/C	B/C	n.d.	n.d.	48±3		MWG	26,55	6(2)
ALHA77117	20.8	L-5 CHONDRITE	A/B	A/B	24.4	21.0	45±17		NMNH	26,55	6(2)
ALHA77118	7.8	H-5 CHONDRITE	C	C	19	17	53±5		NPR	23,12	1(2)
ALHA77119	6.4	H-5 CHONDRITE	C	C	18	17			NMNH	23,12	4(1) 1(2)
ALHA77120	3.9	H-5 CHONDRITE	A/B	A/B	18.5	16.0			NMNH	26,55	4(1)
ALHA77122	4.6	H-5 CHONDRITE	B	B	19.1	16.8			NMNH	26,55	6(2)
ALHA77124	4.4	H-5 CHONDRITE	C	A	19	16	70±7		NMNH	23,12	6(2)
ALHA77125	18.7	H-5 CHONDRITE	A/B	A/B	17.2	15.5			NMNH	26,55	1(2)
ALHA77126	25.2	H-5 CHONDRITE	A/B	A/B	18.3	16.2	48±14		NMNH	26,55	6(2)
ALHA77127	3.8	L-5 CHONDRITE	B	B	25.0	21.1			NMNH	26,55	6(2)
ALHA77129	1.7	H-5 CHONDRITE	B	B	18.9	16.6			NMNH	26,55	6(2)
ALHA77130	24.8	H-5 CHONDRITE	A	A	18.9	16.5	55±10		NMNH	26,55	6(2)
ALHA77131	25.9	H-6 CHONDRITE	A/B	A/B	19.2	16.8	86±11		MWG	26,55	6(2)
ALHA77132	115.4	H-5 CHONDRITE	A/B	A/B	19.0	16.9	42±2		NMNH	26,55	6(2)
ALHA77133	18.7	H-6 CHONDRITE	A	A	19.0	17.0			NMNH	26,55	6(2)
ALHA77134	19.1	H-6 CHONDRITE	A	A	18.9	16.7			NMNH	26,55	6(2)
ALHA77136	3.6	H-5 CHONDRITE	A/B	A/B	19.1	16.4			NMNH	26,55	6(2)
ALHA77138	2.1	H-5 CHONDRITE	A	A	19.2	17.0			NMNH	26,55	6(2)
ALHA77139	65.9	H-5 CHONDRITE	A/B	A/B	18.6	16.4	53±6		NMNH	26,55	6(2)
ALHA77140	78.6	L-3 CHONDRITE	Ce	B	8-44	2-17	40±4		MWG	23,12	6(2)
ALHA77142	3.1	H-5 CHONDRITE	A/B	A/B	18.9	17.1			NMNH	26,55	4(1)
ALHA77143	39.0	H-5 CHONDRITE	A/B	A/B	18.7	16.2	57±9		NMNH	26,55	6(2)
ALHA77144	7.9	H-6 CHONDRITE	B	A	19	17	56±6		NPR	23,12	6(2)
ALHA77146	18.2	H-6 CHONDRITE	A/B	A/B	18.9	16.9			NMNH	26,55	1(2)
ALHA77147	18.7	H-6 CHONDRITE	A/B	A/B	19.0	16.6			NMNH	26,55	4(1)
ALHA77148	13.1	H-6 CHONDRITE	C	B	18	16			NMNH	23,12	6(2)
ALHA77149	25.6	H-6 CHONDRITE	A/B	A/B	19.1	16.9	52±9		NMNH	26,55	1(2)
ALHA77150	58.3	L-6 CHONDRITE	C	B	25	22	43±4		NMNH	23,12	6(2)
ALHA77151	16.9	H-5 CHONDRITE	A	A	18.9	16.4			NMNH	26,55	4(1) 6(2)

ALHA77152	17.8	H-5 CHONDRITE	A	18.7	16.9	NMNH	26.55	6(2)
ALHA77153	12.0	H-5 CHONDRITE	A	19.2	16.7	NMNH	26.55	6(2)
ALHA77155	305.3	L-6 CHONDRITE	A/B	24	20	MWG	23,12	2(1)
ALHA77156	17.7	EH-4 CHONDRITE	B	0.8	1.5	MWG	26.55	4(1)
ALHA77157	88.3	H-6 CHONDRITE	A/B	18.6	15.7	NMNH	26.55	6(2)
ALHA77158	19.9	H-5 CHONDRITE	B	18.9	16.9	NMNH	26.55	6(2)
ALHA77159	17.0	L-6 CHONDRITE	A/B	24.4	20.8	NMNH	26.55	6(2)
ALHA77160	70.4	L-3 CHONDRITE	C	3-46	6-40	MWG	23,12	1(3)
ALHA77161	6.1	H-5 CHONDRITE	B	19.3	17.1	NMNH	26.55	4(1)
ALHA77162	29.0	L-6 CHONDRITE	A	25.3	20.9	NMNH	26.55	6(2)
ALHA77163	24.3	L-3 CHONDRITE	B/C	n.d.	n.d.	MWG	26,55	6(2)
ALHA77164	38.1	L-3 CHONDRITE	C	6-39	3-41	MWG	23,12	1(3)
ALHA77165	30.5	L-3 CHONDRITE	C	8-33	6-35	MWG	23,12	4(1)
ALHA77166	138.8	L-3 CHONDRITE	C	n.d.	n.d.	MWG	26,55	1(3)
ALHA77167	611.2	L-3 CHONDRITE	C	2-41	3-17	MWG	23,12	4(1)
ALHA77168	24.7	H-5 CHONDRITE	B	19.0	16.5	NMNH	26,55	6(2)
ALHA77170	12.2	L-3 CHONDRITE	B/C	n.d.	n.d.	MWG	26,55	6(2)
ALHA77171	23.8	H-5 CHONDRITE	A/B	18.9	17.0	NMNH	26,55	6(2)
ALHA77173	25.8	H-5 CHONDRITE	B	19.1	17.0	NMNH	26,55	6(2)
ALHA77174	32.4	H-5 CHONDRITE	A	18.3	16.0	MWG	26,55	6(2)
ALHA77175	23.3	L-3 CHONDRITE	B/C	n.d.	n.d.	MWG	26,55	6(2)
ALHA77176	55.4	L-3 CHONDRITE	B	0.3-34	1-37	MWG	26,55	6(2)
ALHA77177	368.2	H-5 CHONDRITE	C	18	16	MWG	23,12	2(1)
ALHA77178	5.7	L-3 CHONDRITE	B/C	1-36	2-40	MWG	26,55	4(1)
ALHA77180	190.8	L-6 CHONDRITE	C	24	20	NMNH	24,19	6(2)
ALHA77181	33.0	H-5 CHONDRITE	B	20.0	17.3	NMNH	26,55	3(1)
ALHA77182	1134.7	H-5 CHONDRITE	C	19	17	MWG	23,12	4(1)
ALHA77183	288.0	H-6 CHONDRITE	C	19	16	MWG	24,19	2(1)
ALHA77184	127.6	H-5 CHONDRITE	B	17.8	15.9	NMNH	26,55	3(1)
ALHA77185	28.0	L-3 CHONDRITE	A/B	n.d.	n.d.	NMNH	26,55	4(1)
ALHA77186	122.4	H-5 CHONDRITE	A/B	18.8	16.0	MWG	26,55	6(2)
ALHA77187	52.2	H-5 CHONDRITE	A/B	18.1	16.3	NMNH	26,55	6(2)
ALHA77188	109.0	H-5 CHONDRITE	A/B	18.1	16.1	NMNH	26,55	6(2)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALHA77190	387.1	H-4 CHONDRITE	C	C	17-19	15-22	51±3		MMG	23,12	2(1)
ALHA77191	642.2	H-4 CHONDRITE	C	B/C	16-18	14-16	56±4	34.5±0.3	MMG	23,12	4(1)
ALHA77192	845.3	H-4 CHONDRITE	C	C	16-18	15-21	55±6		MMG	23,12	2(1)
ALHA77193	6.7	H-5 CHONDRITE	A	A	19.0	15.7			NMNH	26,55	4(1)
ALHA77195	4.7	H-5 CHONDRITE	A	A	18.9	16.4			NMNH	26,55	6(2)
ALHA77197	20.3	L-3 CHONDRITE	A/B	A/B	10-27	4-21	60±12		MMG	26,55	6(2)
ALHA77198	7.3	L-6 CHONDRITE	B	B	24.4	20.6			NMNH	26,55	6(2)
ALHA77200	0.9	H-6 CHONDRITE	C	C	19.7	17.6			NMNH	26,55	6(2)
ALHA77201	15.0	H-5 CHONDRITE	A	A	18.8	15.3			NMNH	26,55	6(2)
ALHA77202	2.7	H-5 CHONDRITE	B	B	18.6	16.6			NMNH	26,55	6(2)
ALHA77205	3.1	H-5 CHONDRITE	B	B	18.8	16.7			NMNH	26,55	6(2)
ALHA77207	4.9	H-5 CHONDRITE	A/B	A/B	17.8	16.7			NMNH	26,55	6(2)
ALHA77208	1733.0	H-4 CHONDRITE	C	C	17	14	52±3		MMG	23,12	1(3)
ALHA77209	31.8	H-6 CHONDRITE	B	B	18.8	16.4	52±8		NMNH	26,55	4(1)
ALHA77211	26.7	L-3 CHONDRITE	B/C	B/C	n.d.	n.d.	48±5		MMG	26,55	6(2)
ALHA77212	16.8	H-6 CHONDRITE	A/B	A/B	18.9	17.0			NMNH	26,55	6(2)
ALHA77213	8.4	H-5 CHONDRITE	A	A	18.6	16.5			NMNH	26,55	6(2)
ALHA77214	2111.0	L-3 CHONDRITE	C	C	1-49	4-23	56±6		NMNH	23,12	1(2)
ALHA77215	819.6	L-3 CHONDRITE	B	B/C	22-26	9-21	36±4		MMG	23,12	4(1)
ALHA77216	1470.0	L-3 CHONDRITE	A/B	B/C	15-35	14-23	40±3		MMG	23,12	2(1)
ALHA77217	413.2	L-3 CHONDRITE	B	B/C	17-25	9-26	38±3		MMG	23,12	4(1)
ALHA77218	45.1	L-5 CHONDRITE	A	A	23.4	19.1			MMG	26,55	2(1)
ALHA77219	637.1	MESOSIDERITE	B	B	26	24-28			MMG	23,12	4(1)
ALHA77220	69.1	H-5 CHONDRITE	B	B	17.7	16.0			MMG	26,55	6(2)
ALHA77221	229.2	H-4 CHONDRITE	C	A	15	13-15	57±2		MMG	24,19	3(1)
ALHA77222	125.4	H-4 CHONDRITE	A/B	A/B	18.0	15.3			MMG	26,55	4(1)
ALHA77223	207.9	H-4 CHONDRITE	C	C	17	15-23	56±2		MMG	24,19	6(2)
											3(1)
											4(1)

ALHA77224	786.9	H-4 CHONDRITE	C	C	19	17	59±2	MWG	23,12	1(3)
ALHA77225	5878.0	H-4 CHONDRITE	Ce	C	17	16	51±3	MWG	24,19	4(1)
ALHA77226	15323.0	H-4 CHONDRITE	Ce	C	18	16		NMNH	24,19	3(1)
ALHA77227	16.0	H-5 CHONDRITE	A	A	18.9	16.6		NMNH	26,55	4(1)
ALHA77228	19.3	H-5 CHONDRITE	B	B	18.5	16.3		NMNH	26,55	6(2)
ALHA77230	2473.0	L-4 CHONDRITE	C	B	22-25	18-29	51±3	MWG	23,12	6(2)
ALHA77231	9270.0	L-6 CHONDRITE	A/B _e	A/B	24	21		MWG	23,12	1(3)
ALHA77232	6494.3	H-4 CHONDRITE	C	C	17	15	54±3	MWG	24,19	2(1)
ALHA77233	4087.0	H-4 CHONDRITE	C	B	14-21	15-17	47±3	MWG	23,12	4(1)
ALHA77235	4.9	H-5 CHONDRITE	A/B	A/B	18.9	16.7		NMNH	26,55	4(1)
ALHA77237	4.1	H-5 CHONDRITE	A	A	18.5	15.8		NMNH	26,55	6(2)
ALHA77239	19.0	H-6 CHONDRITE	B	B	18.7	15.9		NMNH	26,55	6(2)
ALHA77240	25.1	H-5 CHONDRITE	A	A	18.8	16.0	71±11	MWG	26,55	6(2)
ALHA77241	144.1	L-3 CHONDRITE	C	C	n.d.	n.d.	35±2	MWG	26,55	6(2)
ALHA77242	56.5	H-5 CHONDRITE	B	B	18.8	16.2	47±6	NMNH	26,55	6(2)
ALHA77244	39.5	L-3 CHONDRITE	B/C	B/C	n.d.	n.d.	40±7	MWG	26,55	6(2)
ALHA77245	33.4	H-5 CHONDRITE	A/B	A/B	19.2	17.2	38±5	MWG	26,55	6(2)
ALHA77246	41.6	H-6 CHONDRITE	B	B	19.2	16.5	68±4	NMNH	26,55	6(2)
ALHA77247	44.3	H-5 CHONDRITE	A/B	A/B	18.8	16.4	59±8	NMNH	26,55	6(2)
ALHA77248	96.1	H-6 CHONDRITE	B/C	B/C	18.7	16.7	27±3	MWG	26,55	6(2)
ALHA77249	503.6	L-3 CHONDRITE	C	C	7-35	2-25	37±2	MWG	23,12	2(1)
ALHA77250	10555.0	IRON-GROUP IA						NMNH	24,49	4(1)
ALHA77251	68.8	L-6 CHONDRITE	B	B	25.0	21.3	52±7	NMNH	26,55	1(3)
ALHA77252	343.1	L-3 CHONDRITE	B	C	22-28	2-22	42±2	MWG	23,12	3(2)
ALHA77253	23.6	H-5 CHONDRITE	A/B	A	19.2	16.9	55±9	NMNH	26,55	4(1)
ALHA77254	245.8	L-5 CHONDRITE	A/B	A	23	20	53±2	NMNH	23,12	6(2)
ALHA77255**	765.1	IRON-ATAXITE (UNGR)						NMNH	24,49	2(1)
ALHA77256	676.2	DIAGENITE	A/B	A		23		MWG	23,12	4(1)
ALHA77257	1995.7	URELITE	Ae	B	13	12		MWG	23,12	3(2)
										4(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING		DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@250°C)	CUSTODY	REFERENCES	
			B/Ce	A/B	18	16						29±2	48±1
ALHA77258	597.3	H-6 CHONDRITE	B/Ce	A/B	18	16			29±2	48±1	MWG	23,12	2(1)
ALHA77259	294.0	H-5 CHONDRITE	C	B	18	15			49±2		MWG	24,19	4(1) 3(1)
ALHA77260	744.3	L-3 CHONDRITE	C	C	7-23	1-28			37±2		MWG	23,12	4(1) 2(1)
ALHA77261	411.7	L-6 CHONDRITE	B	B	24	21			36±4	14.0±0.3	MWG	23,12	4(1) 2(1)
ALHA77262	861.5	H-4 CHONDRITE	B/Ce	B	15-19	13-16			47±5	65±3	MWG	23,12	4(1) 2(1)
ALHA77263	1669.0	IRON-GROUP IA									NMNH	24,49 23,12	4(1) 2(1) 3(2)
ALHA77264	11.0	H-5 CHONDRITE	A/B	A	19	16					NMNH	23,12	4(1) 1(2)
ALHA77265	18.3	H-5 CHONDRITE	B		17.6	15.9					NMNH	26,55	4(1)
ALHA77266	108.4	H-5 CHONDRITE	B		19.6	17.7			42±2		NMNH	26,55	6(2)
ALHA77267	103.5	L-5 CHONDRITE	A		24.7	20.9			61±4		NMNH	26,55	6(2)
ALHA77268	272.0	H-5 CHONDRITE	C	C	18	16			51±2		NMNH	24,19	3(1) 4(1)
ALHA77269	1045.0	L-6 CHONDRITE	Be	A	24	22			49±3		MWG	23,12	4(1) 1(3)
ALHA77270	588.9	L-6 CHONDRITE	A/B	B	24	21			40±3		MWG	23,12	4(1) 2(1)
ALHA77271	609.5	H-6 CHONDRITE	C	A	18	16			39±2		MWG	23,12	4(1) 1(3)
ALHA77272	674.1	L-6 CHONDRITE	B/C	B	24	20			35±4		MWG	23,12	4(1) 1(2)
ALHA77273	492.0	L-6 CHONDRITE	B	B	24	20			39±2		NMNH	23,12	4(1) 1(3)
ALHA77274	288.1	H-5 CHONDRITE	C	A	18	16			53±2		MWG	24,19	4(1) 3(1)
ALHA77275	24.9	H-5 CHONDRITE	A		18.3	15.6			42±8		MWG	26,55	4(1) 6(2)
ALHA77277	142.7	L-6 CHONDRITE	A/B	A	24	20			55±2		NMNH	23,12	1(3) 4(1)
ALHA77278	312.9	LL-3 CHONDRITE	A	A	11-29	9-21			28±3		MWG	23,12	4(1) 1(2)
ALHA77279	174.5	H-5 CHONDRITE	A		18.8	17.1			39±2		MWG	26,55	4(1) 6(2)

ALHA77280	3226.0	L-6 CHONDRITE	Be	B/C	24	21	44±2	NMNH	23,12	1(3) 4(1)
ALHA77281	1231.0	L-6 CHONDRITE	B	B	24	20	42±2	MWG	23,12	1(3) 4(1)
ALHA77282	4127.1	L-6 CHONDRITE	B	B	24	20	49±3	MWG	23,12	1(3) 4(1)
ALHA77283	10510.0	IRON-GROUP IA						NMNH	24,49 23,12	1(3) 3(2) 4(1)
ALHA77284	376.2	L-6 CHONDRITE	A/B	B	25	21	45±5	NMNH	23,12	4(1) 2(1)
ALHA77285	271.1	H-6 CHONDRITE	C	B	18	16	38±4	MWG	23,12	4(1) 2(1)
ALHA77286	245.8	H-4 CHONDRITE	C	B	17	12-16	54±4	MWG	24,19	4(1) 3(1)
ALHA77287	230.1	H-5 CHONDRITE	C	A	18	16	57±2	MWG	24,19 23,12	3(1) 4(1)
ALHA77288	1880.0	H-6 CHONDRITE	C	B	19	17	45±3	MWG	23,12	1(3) 4(1)
ALHA77289	2186.0	IRON-GROUP IA						NMNH	24,49 23,12	2(1) 3(2) 4(1)
ALHA77290	3784.0	IRON-GROUP IA						NMNH	24,49 23,12	1(3) 3(2) 4(1)
ALHA77291	5.8	H-5 CHONDRITE	A		18.9	15.9		NMNH	26,55	4(1) 6(2)
ALHA77292	199.6	L-6 CHONDRITE	B	A	24	20		NMNH	24,19	3(1) 4(1)
ALHA77293	109.7	L-6 CHONDRITE	B		24.7	20.9	66±5	NMNH	26,55	6(2) 2(1)
ALHA77294	1351.0	H-5 CHONDRITE	Ae	A	17	15	63±2	MWG	23,12	2(1) 4(1)
ALHA77295	141.3	EH-4 CHONDRITE	B		0.8	1.7	57±4	MWG	26,55	6(2) 2(1)
ALHA77296	963.3	L-6 CHONDRITE	A/Be	A	24	21	67±4	MWG	23,12	2(1) 4(1)
ALHA77297	951.6	L-6 CHONDRITE	A	B	24	20	70±7	MWG	23,12	2(1) 4(1)
ALHA77299	260.7	H-3 CHONDRITE	A	A	11-21	15-20	43±4	MWG	23,12	4(1) 1(2)
ALHA77300	234.5	H-5 CHONDRITE	C	B	18	16	54±4	MWG	23,12	4(1) 2(1)
ALHA77301	54.9	L-6 CHONDRITE	A		24.9	20.9	41±6	MWG	26,55	6(2) 1(2)
ALHA77302	235.5	EUCRITE (POLYMICT)	A	A		37-64		MWG	23,12	1(3) 4(1)
ALHA77303	78.6	L-3 CHONDRITE	B/C		n.d.	n.d.	45±5	MWG	26,55	4(1) 6(2)

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** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										Si	AMN
ALHA77304	650.4	L-4 CHONDRITE	B	B	18-27	13-19	50±3		MWG	23,12	2(1) 4(1)
ALHA77305	6444.0	L-6 CHONDRITE	B/C	B	24	21			MWG	23,12	1(3) 4(1)
ALHA77306	19.9	CARBONACEOUS C2	A	A	1-45	1			MWG	23,12	1(1) 1(2) 1(3) 4(1) 1(3) 4(1) 1(3) 4(1)
ALHA77307	181.3	CARBONACEOUS C3	Ae	A	1-30	1-12			MWG	23,12	1(3) 4(1) 1(3) 4(1)
ALHA78001	84.5	H-5 CHONDRITE	B		18.6		50±4		MWG		8(2)
ALHA78002	11.5	H-6 CHONDRITE	A		19.0				NIMNH		8(2)
ALHA78003	124.8	L-6 CHONDRITE	C	B	24	20	59±4		NIMNH		7(2)
ALHA78004	35.9	H-5 CHONDRITE			19.2		49±8		NIMNH		6(2)
ALHA78005	28.2	H-5 CHONDRITE	B		19.3		56±10		NIMNH		8(2)
ALHA78006	8.0	HOWARDITE	A	A		25-61			MWG	24,19	2(2) 4(1) 7(2)
ALHA78008	7.4	H-5 CHONDRITE		B	18	16			NIMNH		7(2)
ALHA78010	1.3	H-5 CHONDRITE			19.4				MWG		8(2)
ALHA78012	38.1	H-5 CHONDRITE			18	16	68±9		MWG		7(2)
ALHA78013	4.1	L-3 CHONDRITE			11-45	1-31			MWG	28,29	7(2)
ALHA78015**	34.9	L-3 CHONDRITE			8-35		48±7		MWG		6(2)
ALHA78017	2.9	L-3 CHONDRITE	B		3-43				MWG		8(2)
ALHA78018	17.9	H-5 CHONDRITE	B		19.2				NIMNH		8(2)
ALHA78019	30.3	URELITE	B/C	C	22	18			MWG	24,19	2(2) 4(1)
ALHA78021	17.1	H-5 CHONDRITE			18	16			NIMNH		7(2)
ALHA78023	9.8	H-5 CHONDRITE			18	16			NIMNH		7(2)
ALHA78025	8.3	H-5 CHONDRITE			18.9				NIMNH		8(2)
ALHA78027	29.2	H-5 CHONDRITE	A		19.3		78±8		MWG		6(2)
ALHA78028	4.4	H-5 CHONDRITE			18	16			NIMNH		7(2)
ALHA78029	4.1	H-4 CHONDRITE	B		19.2				MWG		8(2)
ALHA78031	4.6	H-5 CHONDRITE		B	18	16			NIMNH		7(2)
ALHA78033	5.0	H-4 CHONDRITE	B		19.2				MWG		8(2)
ALHA78035	2.5	H-6 CHONDRITE		B	18	16			NIMNH		7(2)
ALHA78037	0.5	L-3 CHONDRITE	B		7-38				MWG		8(2)
ALHA78038	363.0	L-3 CHONDRITE	C	C	4-42	2-19	36±3		MWG	24,19	3(2) 4(1) 4(2)

ALHA78039	299.0	L-6 CHONDRITE	B	B	24	21	42±3	NMNH	24,19	3(2)
ALHA78040	211.7	EUCRITE (POLYMCT)	A	A		33-52	93±5	MWG	24,19	4(1)
ALHA78041	117.5	L-3 CHONDRITE	B	A	0-41		38±3	MWG		2(2)
ALHA78042	214.1	L-6 CHONDRITE	B	A	24	20	45±2	MWG	24,19	4(1)
ALHA78043	680.0	L-6 CHONDRITE	B	B	25	21	38±3	MWG	24,19	3(2)
ALHA78044	164.1	L-4 CHONDRITE	B/C	B	23-25	19-24	51±4	MWG		4(1)
ALHA78045	396.5	L-6 CHONDRITE	B/C	B	25	21	34±3	NMNH	24,19	4(1)
ALHA78046	70.0	L-3 CHONDRITE	B	B	8-25	8-20	46±5	MWG	28,29	3(2)
ALHA78047	130.3	H-5 CHONDRITE	B	B	18.8		33±1	MWG		4(1)
ALHA78048	190.6	L-6 CHONDRITE	A/B	B	24	21	59±5	NMNH	24,19	7(2)
ALHA78049	95.8	H-5 CHONDRITE	B	B	19.4		52±3	MWG		6(2)
ALHA78050	1045.0	L-6 CHONDRITE	B	B	23	20	44±3	NMNH	24,19	3(1)
ALHA78051	119.5	H-4 CHONDRITE	C	B	18	15-18	38±3	MWG	28,29	4(1)
ALHA78052	97.3	H-5 CHONDRITE	C	B	17.9		56±4	NMNH		7(2)
ALHA78053	179.0	H-4 CHONDRITE	C	B	17	16	56±3	MWG	24,19	6(2)
ALHA78055	13.7	L-6 CHONDRITE	B	B	25.5			NMNH		3(2)
ALHA78057	8.7	H-4 CHONDRITE	B	B	18	16		MWG		4(1)
ALHA78059	9.1	L-6 CHONDRITE	B	B	21.5			MWG		8(2)
ALHA78062	10.9	LL-6 CHONDRITE	A	B	29	24		NMNH		7(2)
ALHA78063	76.7	LL-6 CHONDRITE	A	B	29.1		48±7	MWG		8(2)
ALHA78065	7.3	H-6 CHONDRITE	B	B	18.0			NMNH		8(2)
ALHA78067	7.8	H-6 CHONDRITE	B	B	18	16		NMNH		7(2)
ALHA78069	4.4	H-6 CHONDRITE	B	B	19.1			NMNH		8(2)
ALHA78070	10.0	L-4 CHONDRITE	B	B	23	13-25		MWG		7(2)
ALHA78074	200.2	L-6 CHONDRITE	B	B	24	21	66±3	MWG	24,19	3(2)
ALHA78075	280.6	H-5 CHONDRITE	B/C	B	18	16	49±3	MWG	24,19	4(1)
ALHA78076	275.6	H-6 CHONDRITE	B	B	18	16	52±4	MWG	24,19	3(2)
ALHA78077	330.6	H-4 CHONDRITE	C	B	19	15-18	42±3	MWG	24,19	4(1)
ALHA78078	290.3	L-6 CHONDRITE	A/B	A	24	20	49±3	MWG	24,19	3(2)
ALHA78079	4.5	H-5 CHONDRITE			18	16		NMNH		4(1)
ALHA78080	24.8	H-5 CHONDRITE			18	16	74±7	MWG		3(2)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
				A	B						
ALHA78081	17.8	H-5 CHONDRITE				19.1				NMNH	6(2)
ALHA78082	24.0	LL-6 CHONDRITE	A			27.7		49±5		NMNH	8(2)
ALHA78084	14280.0	H-4 CHONDRITE	B/Ce	B		18	8-24			MWG	24, 19
ALHA78085	219.3	H-5 CHONDRITE	Be	B		18	16	50±2		MWG	24, 19
ALHA78086	9.0	H-6 CHONDRITE				19.0				NMNH	4(1)
ALHA78088	5.2	H-5 CHONDRITE				18.8				NMNH	6(2)
ALHA78090	7.5	H-5 CHONDRITE				18.7				NMNH	6(2)
ALHA78092	16.3	H-5 CHONDRITE				19.0				NMNH	6(2)
ALHA78094	4.0	H-5 CHONDRITE				19.1				NMNH	6(2)
ALHA78096	7.5	H-5 CHONDRITE				18.9				NMNH	6(2)
ALHA78098	2.2	H-5 CHONDRITE				18.9				NMNH	6(2)
ALHA78100	84.9	IRON-GROUP IA								NMNH	4(1)
ALHA78101	121.2	L-6 CHONDRITE				24	21	48±3		NMNH	24, 49
ALHA78102	336.9	H-5 CHONDRITE	B/C	B		18	17	35±3	23.4±0.4	NMNH	7(2)
										MWG	24, 19
ALHA78103	589.7	L-6 CHONDRITE	B	B		24	20	58±3		NMNH	24, 19
ALHA78104	672.4	L-6 CHONDRITE	B	A		24	20	53±3		NMNH	24, 19
ALHA78105	941.7	L-6 CHONDRITE	B	A		23	20	61±7	45.3±0.5	NMNH	24, 19
ALHA78106	464.5	L-6 CHONDRITE	A/B	A		24	20	44±4		MWG	24, 19
ALHA78107	198.4	H-5 CHONDRITE	C	A		18	17	54±3		MWG	24, 19
ALHA78108	172.5	H-5 CHONDRITE	B	B		18	16	55±3		MWG	24, 19
ALHA78109	233.2	LL-5 CHONDRITE	A/B	A		28	23	46±3		MWG	24, 19
ALHA78110	160.7	H-5 CHONDRITE	B/C	B		18	16	58±3		MWG	24, 19
ALHA78111	126.8	H-5 CHONDRITE	B/C	A		18	16	53±3		MWG	24, 19
ALHA78112	2485.0	L-6 CHONDRITE	B	B		25	20	42±3	27.9±0.7	NMNH	24, 19
											4(2)
											3(2)
											4(1)

ALPHA	298.6	AUBRITE	A/Be	A	25	20	38±2	14.9±0.8	MWG	24,19	2(2)
ALPHA78113	808.1	L-6 CHONDRITE	B/C	B	25	20	38±2	14.9±0.8	MWG	28,29	4(1)
ALPHA78114	847.6	H-6 CHONDRITE	B	A	18	16	43±3	48±2	MWG	24,19	3(2)
ALPHA78115	127.8	H-5 CHONDRITE	B	B	18.7		36±2		MWG	24,19	4(1)
ALPHA78116	4.3	H-5 CHONDRITE	A		18.5				NMNH		4(1)
ALPHA78117	102.6	L-3 CHONDRITE	A		0-28		42±3		MWG		6(2)
ALPHA78118	44.3	H-4 CHONDRITE			18	16	47±7		MWG		8(2)
ALPHA78119	30.4	H-5 CHONDRITE			19.2		55±6		MWG		7(2)
ALPHA78120	4.7	H-6 CHONDRITE			19	17			NMNH		6(2)
ALPHA78121	18.4	H-5 CHONDRITE	B		19.3				NMNH		7(2)
ALPHA78122	27.7	H-6 CHONDRITE			17	15	53±8		NMNH		8(2)
ALPHA78123	18.8	L-6 CHONDRITE	B	B	25.0				NMNH		7(2)
ALPHA78124	606.9	L-6 CHONDRITE	B	B	25	21	45±3		NMNH	24,19	6(2)
ALPHA78125	194.5	L-6 CHONDRITE	B/C	B	24	20	46±3		NMNH	24,19	3(2)
ALPHA78126	154.7	H-5 CHONDRITE	C	B/C	19	17	34±2		MWG	24,19	4(1)
ALPHA78127	128.3	H-5 CHONDRITE	B		19.4		59±3		NMNH		3(2)
ALPHA78128	2733.0	L-6 CHONDRITE	B/C	B	25	21	51±4		NMNH	24,19	4(1)
ALPHA78129	268.8	L-6 CHONDRITE	B/C	A	25	21	40±3		NMNH	24,19	8(2)
ALPHA78130	656.0	EUCRITE (POLYMCT)	A	A		40-68	68±4		MWG	24,19	3(2)
ALPHA78131	59.9	L-3 CHONDRITE			1-34	1-16	50±5		MWG	28,29	4(1)
ALPHA78132	458.3	H-4 CHONDRITE	B/C	B/C	18	15-20	61±3		MWG	24,19	7(2)
ALPHA78133	130.8	H-6 CHONDRITE	B	B	19.0		52±6		NMNH		3(2)
ALPHA78134	51.6	H-5 CHONDRITE	A		19.1		64±7		NMNH		4(1)
ALPHA78135	70.0	H-6 CHONDRITE	B		17	15	58±6		NMNH		8(2)
ALPHA78136	10.8	LL-3 CHONDRITE			0-35				MWG		7(2)
ALPHA78137	17.0	H-5 CHONDRITE	B		19.3				NMNH		8(2)
ALPHA78138	16.6	H-4 CHONDRITE	B		18.4				MWG		6(2)
ALPHA78139	24.1	H-5 CHONDRITE			18	16	75±8		MWG		8(2)
ALPHA78140	31.5	L-5 CHONDRITE	A		24.2		60±11		MWG		7(2)
ALPHA78141	34.4	H-6 CHONDRITE	A		19.6		63±11		NMNH		6(2)
ALPHA78142	16.5	H-5 CHONDRITE	B		18	16			NMNH		8(2)
ALPHA78143	30.6	H-5,6 CHONDRITE			19.4		56±10		NMNH		7(2)
ALPHA78144	23.2	L-3 CHONDRITE	B		18-31		74±7		MWG		6(2)
ALPHA78145	15.8	H-5 CHONDRITE			18	16			NMNH		8(2)
ALPHA78146	4.7	H-6 CHONDRITE			18	16			NMNH		7(2)
ALPHA78147									NMNH		7(2)
ALPHA78148									NMNH		6(2)
ALPHA78149									MWG		8(2)
ALPHA78150									NMNH		7(2)
ALPHA78151									NMNH		7(2)
ALPHA78152									NMNH		7(2)

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** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				B/C	B						SI	AMN
ALHA78153	151.7	LL-6 CHONDRITE		B/C	B	29	24	22±1		NMNH	24,19	3(2)
ALHA78154	11.8	H-5 CHONDRITE		B		19.3				NMNH		4(1)
ALHA78156	8.6	L-6 CHONDRITE				24	21			NMNH		8(2)
ALHA78157	63.4	H-4 CHONDRITE		B		19.0		43±10		MWG		8(2)
ALHA78158	15.1	EUCRITE (POLYMCT)		A	A		40-68			MWG	24,19	2(2)
ALHA78159	22.6	H-5 CHONDRITE				18	16	52±5		NMNH		4(1)
ALHA78160	16.0	H-5 CHONDRITE				19.3				NMNH		7(2)
ALHA78162	33.2	L-3 CHONDRITE		B		2-30		36±9		MWG		6(2)
ALHA78163	9.6	H-5 CHONDRITE		B		18.7				NMNH		8(2)
ALHA78164	25.1	H-5 CHONDRITE				18	16	72±9		MWG		8(2)
ALHA78165	20.9	EUCRITE (POLYMCT)		A	A		37-61	04±7		MWG	24,19	2(2)
ALHA78168	33.6	H-4 CHONDRITE		B		19.2		62±6		MWG		4(1)
ALHA78169	22.2	H-6 CHONDRITE		B		19.2		72±9		MWG		8(2)
ALHA78170**	20.9	L-3 CHONDRITE		B		3-36		45±5		MWG		8(2)
ALHA78171	22.5	L-6 CHONDRITE		B		25.4				MWG		8(2)
ALHA78172	29.4	H-4 CHONDRITE		B		19.7		71±9		MWG		8(2)
ALHA78173	19.8	H-5 CHONDRITE		B		19.7		64±5		NMNH		8(2)
ALHA78174	13.5	H-5 CHONDRITE		B		18.2				NMNH		8(2)
ALHA78176	8.2	L-3 CHONDRITE		B		8-26				MWG		8(2)
ALHA78178	7.2	H-5 CHONDRITE		B		19.0				NMNH		8(2)
ALHA78180	7.9	L-3 CHONDRITE		B		2-33				MWG		8(2)
ALHA78182	10.1	H-5 CHONDRITE		B		18	16			MWG		8(2)
ALHA78184	8.2	H-6 CHONDRITE				18	16			NMNH		7(2)
ALHA78186	3.1	L-3 CHONDRITE				3-36	3-24			NMNH		7(2)
ALHA78188	0.9	L-3 CHONDRITE		C	B	1-34	5-29			MWG	28,29	7(2)
ALHA78189	22.7	H-6 CHONDRITE				18	16			MWG	24,19	4(1)
ALHA78190	20.1	H-5 CHONDRITE				18	16			MWG		7(2)
ALHA78191	19.6	H-6 CHONDRITE				18	16		73±11	NMNH		7(2)
ALHA78193	13.3	H-4 CHONDRITE		B/C	A	18	16			MWG	24,19	4(1)
ALHA78194	24.5	H-5 CHONDRITE				18	16			MWG		7(2)
ALHA78196	11.2	H-4 CHONDRITE		B/C	B	18	16			MWG	24,19	4(1)
ALHA78197	20.2	H-5 CHONDRITE				18	16			MWG	24,19	7(2)
ALHA78199	12.9	H-5 CHONDRITE				18	16		59±8	NMNH		7(2)
ALHA78201	9.8	H-5 CHONDRITE				18	16			NMNH		7(2)
ALHA78203	10.9	H-5 CHONDRITE				18	16			NMNH		7(2)
ALHA78205	8.9	H-5 CHONDRITE				18	16			NMNH		7(2)
ALHA78207	8.4	H-6 CHONDRITE				19	17			NMNH		7(2)

ALHA78209	12.1	H-5 CHONDRITE	B/C	B	18	15	NMNH	24,19	4(1)
ALHA78211	11.5	H-6 CHONDRITE	B	B	18	16	NMNH	24,19	4(1)
ALHA78213	9.6	H-6 CHONDRITE	B	B	18	15	NMNH	24,19	4(1)
ALHA78215	6.4	H-6 CHONDRITE	B/C	B	18	16	NMNH	24,19	4(1)
ALHA78217	8.3	H-5 CHONDRITE	B	B	18,8		NMNH		8(2)
ALHA78219	8.2	H-5 CHONDRITE	B		19.4		NMNH		8(2)
ALHA78221	5.4	H-5 CHONDRITE	B	A	18	16	NMNH	24,19	4(1)
ALHA78223	6.5	H-4 CHONDRITE	B	B	18	16	MWG	24,19	4(1)
ALHA78225	4.6	H-5 CHONDRITE	B	A	18	16	NMNH	24,19	4(1)
ALHA78227	2.4	H-5 CHONDRITE	B/C	B	18	16	MWG	24,19	4(1)
ALHA78229	1.9	H-6 CHONDRITE	B	B	18	15	MWG	24,19	4(1)
ALHA78231	1.9	H-6 CHONDRITE	B/C	B	18	16	MWG	24,19	4(1)
ALHA78233	1.3	H-5 CHONDRITE	B/C	B	18	16	MWG	24,19	4(1)
ALHA78235	19.2	L-3 CHONDRITE	B	B	8-28		MWG		8(2)
ALHA78236	14.4	L-3 CHONDRITE			2-37	3-26	MWG	28,29	7(2)
ALHA78238	9.8	L-3 CHONDRITE			2-34	3-21	MWG	28,29	7(2)
ALHA78239	16.0	L-3 CHONDRITE			1-34		MWG		8(2)
ALHA78241	6.5	H-5 CHONDRITE			18	16	NMNH		7(2)
ALHA78243	1.9	L-3 CHONDRITE			1-36	3-30	MWG	28,29	7(2)
ALHA78245	4.0	H-5 CHONDRITE			18	16	NMNH		7(2)
ALHA78247	2.7	H-5 CHONDRITE			18	16	NMNH		7(2)
ALHA78249	4.2	H-6 CHONDRITE			18	16	NMNH		7(2)
ALHA78251	1312.0	L-6 CHONDRITE	B	A	23	20	MWG	24,19	3(1)
								49.6±0.5	4(1)
ALHA78252	2789.0	IRON-GROUP IVA					NMNH	24,49	3(2)
									4(1)
ALHA78253	6.8	H-5 CHONDRITE	B		18,9		NMNH		4(1)
ALHA78255	3.2	H-5 CHONDRITE	A		19.4		MWG		8(2)
ALHA78257	2.1	H-5 CHONDRITE	B		19.2		MWG		8(2)
ALHA78259	6.2	H-5 CHONDRITE	A		19.7		NMNH		8(2)
ALHA78261	5.1	CARBONACEOUS C2	A	A	0-50	1-8	MWG	24,19	3(2)
									4(1)
ALHA78262	26.2	URELITE	B/C	A	22	19	MWG	24,19	3(2)
									4(1)
ALHA79001	32.3	L-3 CHONDRITE	C	A	6-39	2-31	MWG	24,19	4(1)
ALHA79002	222.8	H-6 CHONDRITE	C	B	16	18	MWG	24,19	4(1)
ALHA79003	5.1	LL-3 CHONDRITE	B	B	10-38	5-26	MWG	24,19	4(1)
ALHA79004	34.9	H-5 CHONDRITE	B/C	B	16	14	MWG	24,19	4(1)
ALHA79005	60.0	H-6 CHONDRITE	B	B	18	16	MWG	24,19	4(1)
ALHA79006	41.0	H-5 CHONDRITE	B/C	B	18	15	NMNH	24,19	4(1)
ALHA79007	142.3	L-6 CHONDRITE	A/B	B	23	19	MWG	24,19	4(1)
ALHA79008	12.0	H-5 CHONDRITE	B	B	17	15	NMNH	24,19	4(1)
ALHA79009	75.7	H-5 CHONDRITE	Ce	A	18	15	MWG	24,19	4(1)
ALHA79010	25.1	H-5 CHONDRITE	B/C	B	17	15	MWG	24,19	4(1)
ALHA79011	14.0	H-5 CHONDRITE	B/C	A	18	16	NMNH	24,19	4(1)
ALHA79012	191.9	H-5 CHONDRITE	C	B	17	15	MWG	24,19	4(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
										SI AMN
ALHA79013	28.3	H-5 CHONDRITE	C	B	18	16	59±3		NMNH	24, 19 4(1)
ALHA79014	10.8	H-5 CHONDRITE	B	A	18	16			NMNH	24, 19 4(1)
ALHA79015	64.0	H-5 CHONDRITE	B	B	17	15	71±7		MWG	24, 19 4(1)
ALHA79016	1146.0	H-6 CHONDRITE	B/C	B	17	15	50±3		MWG	24, 19 4(1)
ALHA79017	310.0	EUCRITE (POLYMCT)	A	A		28-53	97±3		MWG	24, 19 3(3)
ALHA79018	120.7	L-6 CHONDRITE	B/C	A/B	23	20	58±3		MWG	24, 19 4(1)
ALHA79019	12.1	H-6 CHONDRITE	B	A	17	15			MWG	24, 19 4(1)
ALHA79020	4.2	H-6 CHONDRITE	B/C	B	17	15			MWG	24, 19 4(1)
ALHA79021	29.4	H-5 CHONDRITE	B	A	18	17	64±7		NMNH	24, 19 4(1)
ALHA79022	31.4	L-3,4 CHONDRITE	A/B	B	1-28	9-22	44±6		MWG	24, 19 4(1)
ALHA79023	68.1	H-4 CHONDRITE	B/C	C	17	14-17	33±5		MWG	24, 19 4(1)
ALHA79024	21.6	H-6 CHONDRITE	C	B	17	15	49±7		MWG	24, 19 4(1)
ALHA79025	1208.0	H-5 CHONDRITE	C	A	17	15	53±3		MWG	24, 19 4(1)
ALHA79026	572.0	H-5 CHONDRITE	B	B	18	16	60±4		MWG	24, 19 4(1)
ALHA79027	133.2	L-6 CHONDRITE	B	A	24	20	42±3		MWG	24, 19 4(1)
ALHA79028	16.3	H-6 CHONDRITE	B	B	18	16			NMNH	24, 19 4(1)
ALHA79029	505.5	H-5 CHONDRITE	C	B/C	18	16	49±3		MWG	24, 19 4(1)
ALHA79031	2.7	H-5 CHONDRITE	C	B	16	14			MWG	24, 19 4(1)
ALHA79032	2.6	H-5 CHONDRITE	C	B	16	14			MWG	24, 19 4(1)
ALHA79033	280.8	L-6 CHONDRITE	B	A	24	20	72±4		MWG	24, 19 4(1)
ALHA79034	12.6	H-6 CHONDRITE	B	A	18	16			NMNH	24, 19 4(1)
ALHA79035	37.6	H-4 CHONDRITE	B	B	17	14-18	68±6		MWG	24, 19 4(1)
ALHA79036	20.2	H-5 CHONDRITE	B	B	18	16	17±7		MWG	24, 19 4(1)
ALHA79037	14.8	H-6 CHONDRITE	B	B	18	16			MWG	24, 19 4(1)
ALHA79038	49.7	H-5 CHONDRITE	C	B	17	15	33±4		NMNH	24, 19 4(1)
ALHA79039	108.3	H-4 CHONDRITE	B	B	16	15	42±2		MWG	24, 19 4(1)
ALHA79040	13.2	H-5 CHONDRITE	B	A	18	15			MWG	24, 19 4(1)
ALHA79041	20.1	H-5 CHONDRITE	B	B	18	16	72±7		MWG	24, 19 4(1)
ALHA79042	11.5	H-5 CHONDRITE	B	A	18	16			NMNH	24, 19 4(1)
ALHA79043	62.2	L-6 CHONDRITE	C	B	23	20	50±6		NMNH	24, 19 4(1)
ALHA79045	115.4	L-3 CHONDRITE	C	B	2-38	2-29	44±3		MWG	24, 19 4(1)
ALHA79046	89.7	H-5 CHONDRITE	B	B	18	15	50±3		MWG	24, 19 4(1)
ALHA79047	19.3	H-5 CHONDRITE	B	B	18	15			NMNH	24, 19 4(1)
ALHA79048	36.7	H-5 CHONDRITE	B	B	18	16	69±6		MWG	24, 19 4(1)
ALHA79049	54.0	H-6 CHONDRITE	C	B	18	16	61±5		NMNH	24, 19 4(1)
ALHA79050	27.0	H-5 CHONDRITE	C	B	18	15	58±4		NMNH	24, 19 4(1)
ALHA79051	23.9	H-5 CHONDRITE	C	A	18	15	58±6		NMNH	24, 19 4(1)
ALHA79052	22.6	L-6 CHONDRITE	B/C	B	23	20	67±7		MWG	24, 19 4(1)

ALHA79053	86.1	H-5 CHONDRITE	B/C	B	17	15	60±3	NMNH	24, 19	4(1)
ALHA79054	36.0	H-5 CHONDRITE	B	A	18	16	63±8	MWG	24, 19	4(1)
ALHA79055	15.3	H-6 CHONDRITE	B/C	B	18	16		NMNH	24, 19	4(1)
ALHA80101	8725.0	L-6 CHONDRITE	B _e	B	24	20		NMNH		4(2)
ALHA80102	471.2	EUCRITE (POLYMCT)	A	B		34-52	83±5	MWG	26, 23	5(1)
ALHA80103	535.9	L-6 CHONDRITE	B	A	24	20	57±3	NMNH		4(2)
ALHA80104**	882.0	IRON-ATAXITE (UNGR)						MWG	26, 49	5(1)
ALHA80105	445.1	L-6 CHONDRITE	B	B	24	20	58±3	NMNH		4(2)
ALHA80106	432.2	H-4 CHONDRITE	C	B	19	16-19	52±3	MWG	26, 23	4(2)
ALHA80107	177.8	L-6 CHONDRITE	B	B	24	20	59±3	NMNH		5(1)
ALHA80108	124.5	L-6 CHONDRITE	B	B	24	20	62±4	NMNH		5(1)
ALHA80110	167.6	L-6 CHONDRITE	B	B	24	20	65±4	NMNH		4(2)
ALHA80111	42.4	H-5 CHONDRITE	B	A	18	16		NMNH		5(1)
ALHA80112	330.7	L-6 CHONDRITE	B	B	24	20	59±3	NMNH		4(2)
ALHA80113	312.6	L-6 CHONDRITE	B	B/C	24	20	57±3	NMNH		5(1)
ALHA80114	232.8	L-6 CHONDRITE	B	B	24	20	62±3	NMNH		4(2)
ALHA80115	306.0	L-6 CHONDRITE	B	A	24	20	56±3	NMNH		5(1)
ALHA80116	191.2	L-6 CHONDRITE	B/C	B	24	20	60±2	NMNH		4(2)
ALHA80117	89.0	L-6 CHONDRITE	B	A	24	20	62±3	NMNH		5(1)
ALHA80118	2.4	H-6 CHONDRITE	B	A	17	15		NMNH	26, 23	5(1)
ALHA80119	33.7	L-6 CHONDRITE	B	B	24	20		NMNH		5(1)
ALHA80120	60.1	L-6 CHONDRITE	B	B	24	20		NMNH		5(1)
ALHA80121	39.1	H-4 CHONDRITE	B/C	C	19	17	66±6	MWG	26, 23	5(1)
ALHA80122	49.8	H-6 CHONDRITE	B/C	B	18	16		NMNH	26, 23	5(1)
ALHA80123	27.8	H-5 CHONDRITE	C	A	18	16	32±4	MWG	26, 23	5(1)
ALHA80124	12.0	H-5 CHONDRITE	B	B	18	16		NMNH		5(1)
ALHA80125	139.2	L-6 CHONDRITE	B/C	B	24	20	44±2	NMNH		4(2)
ALHA80126	34.5	H-6 CHONDRITE	A/B	A	19	17	76±7	MWG	26, 23	5(1)
ALHA80127	47.5	H-5 CHONDRITE	B	A	18	16	64±6	NMNH		5(1)
ALHA80128	138.2	H-4 CHONDRITE	B	B/C	18	15-20	59±4	MWG	26, 23	5(1)
ALHA80129	93.4	H-5 CHONDRITE	B	A	18	15	56±3	NMNH		5(1)
ALHA80130	5.3	H-6 CHONDRITE	B/C	A	18	16		NMNH	26, 23	5(1)
ALHA80131	19.8	H-4 CHONDRITE	B	B	19	16-22		MWG	26, 23	5(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
										SI AMN
ALHA80132	152.8	H-5 CHONDRITE	B	B	18	16	58±3		MMG	26,23 4(2)
ALHA80133	3.6	L-3 CHONDRITE	B	B	1-35	5-30			MMG	26,23 5(1)
ALHA81001**	52.9	EUCRITE (POLYMICT?)	Ae	B		59			MMG	26,23 5(1)
ALHA81002	14.0	CARBONACEOUS C2	Ae	B	0-52	0-2			MMG	26,23 6(1)
ALHA81003	10.1	CARBONACEOUS C3V	A/B	A/B	0-60	1			MMG	26,23 6(1)
ALHA81004	4.7	CARBONACEOUS C2	A/B	A	0-52	0-2			MMG	26,23 6(1)
ALHA81005	31.4	LUNAR-ANORTH. BRECCIA	A/B	A	11-40	7-47	46±3		MMG	26,23 5(4)
ALHA81006	254.9	EUCRITE (POLYMICT)	A	A/B		35-60			MMG	26,23 6(1)
ALHA81007	163.5	EUCRITE (POLYMICT)	A/B	A		38-55			MMG	26,23 6(1)
ALHA81008	43.8	EUCRITE (POLYMICT)	A/B	A/B		32-59			MMG	26,23 6(1)
ALHA81009**	229.0	EUCRITE (POLYMICT?)	A	A		30-63			MMG	26,23 6(1)
ALHA81010	219.1	EUCRITE (POLYMICT)	A	A		31-57			MMG	26,23 7(1)
ALHA81011**	405.7	EUCRITE (POLYMICT)	A/B	A		33-60			MMG	26,23 6(1)
ALHA81012**	36.7	EUCRITE (POLYMICT)	A/B	A		33-62			MMG	26,23 6(1)
ALHA81013**	17727.0	IRON-GROUP IA							NMNH	26,49 6(1)
ALHA81014**	188.2	IRON-(UNGR)	Be	B	19	16			NMNH	26,49 6(1)
ALHA81015	5489.0	H-5 CHONDRITE	Be	A	25	21			MMG	26,23 6(1)
ALHA81016	3850.2	L-6 CHONDRITE	B	A	25	21	54±2		MMG	26,23 6(1)
ALHA81017**	1434.4	L-6 CHONDRITE	B	B	24	21			MMG	26,23 6(1)
ALHA81018	2236.9	L-5 CHONDRITE	B	B	19	16	41±2		MMG	26,23 6(1)
ALHA81019	1051.2	H-5 CHONDRITE	B/Ce	B	19	16			NMNH	26,23 6(1)
ALHA81020	1352.5	H-5 CHONDRITE	Be	A	19	16	55±3		NMNH	26,23 6(1)
ALHA81021	695.1	E-6 CHONDRITE	A	B		0-1			MMG	26,23 10(2)
ALHA81022	912.5	H-4 CHONDRITE	B/C	A	19	17	44±2		MMG	28,29 6(1)
ALHA81023	418.3	L-5 CHONDRITE	B	A/B	25	21			MMG	26,23 6(1)
ALHA81024	797.7	L-3 CHONDRITE	C	B	3-28	2-24	40±2		MMG	26,23 6(1)
ALHA81025	379.0	L-3 CHONDRITE	C	B	1-41	3-40	45±3		MMG	26,23 6(1)
ALHA81026	515.5	L-6 CHONDRITE	B	A	25	21	63±3		MMG	26,23 6(1)
ALHA81027	3835.3	L-6 CHONDRITE	C	A/B	25	21			MMG	26,23 6(1)
ALHA81028	80.1	L-6 CHONDRITE	B	B	25	21	40±4		MMG	26,23 6(2)
ALHA81029	153.0	L-6 CHONDRITE	C	A	25	21	39±2		MMG	26,23 6(2)
ALHA81030	1851.6	L-3 CHONDRITE	B/C	B/C	1-49	5-33			MMG	26,23 6(1)
ALHA81031	1594.9	L-3 CHONDRITE	C	B/C	1-43	3-35	30±1		MMG	26,23 6(1)
ALHA81032	726.8	L-3 CHONDRITE	C	A	0-42	2-14	45±2		MMG	26,23 6(1)
ALHA81033	252.4	H-5 CHONDRITE	C	C	18	16			MMG	26,23 6(1)
ALHA81034	254.9	H-5 CHONDRITE	B	B	19	17			MMG	26,23 6(1)

ALHA81035	256.1	H-6 CHONDRITE	C	A/B	19	17	MMG	26,23	6(1)
ALHA81036	252.1	H-5 CHONDRITE	C	A	19	17	MMG	26,23	6(1)
ALHA81037	320.3	H-6 CHONDRITE	B	A	20	17	MMG	26,23	6(1)
ALHA81038	229.0	H-6 CHONDRITE	C	B	19	17	MMG	26,23	6(1)
ALHA81039	205.9	H-5 CHONDRITE	A/B	B	19	17	MMG	26,23	6(1)
ALHA81040	194.5	L-4 CHONDRITE	B/C	A	25	21	MMG	26,23	6(1)
ALHA81041	728.8	H-4 CHONDRITE	C	C	18	15-23	MMG	26,23	6(2)
ALHA81042	534.4	H-5 CHONDRITE	C	C	19	17	NMINH	26,23	6(1)
ALHA81043	106.0	H-4 CHONDRITE	B/C	C	18	15	MMG		6(2)
ALHA81044	386.8	H-4 CHONDRITE	C	C	18	16	MMG	26,23	6(1)
ALHA81045	90.2	H-4 CHONDRITE	C	B/C	18	16	MMG		6(2)
ALHA81046	16.6	H-4 CHONDRITE	C	B/C	18	16	MMG		6(2)
ALHA81047	81.2	H-4 CHONDRITE	B/C	B/C	18	16	MMG		6(2)
ALHA81048	190.6	H-4 CHONDRITE	B/C	B/C	18	16	MMG	26,23	6(1)
ALHA81049	8.5	H-4 CHONDRITE	B/C	B	18	16	MMG		6(2)
ALHA81050	25.7	H-4 CHONDRITE	C	C	18	16	MMG		6(2)
ALHA81051	43.0	H-4 CHONDRITE	B/C	B	18	16	MMG		6(2)
ALHA81052	28.7	H-4 CHONDRITE	C	B	18	16	MMG		6(2)
ALHA81053	2.5	L-3 CHONDRITE	C	B	1-29	1-42	MMG		6(2)
ALHA81054	2.2	H-6 CHONDRITE	B	B	19	17	MMG		6(2)
ALHA81055	4.6	H-6 CHONDRITE	B	A	19	16	MMG		6(2)
ALHA81056	1.4	H-4 CHONDRITE	B	A	19	17	MMG		6(2)
ALHA81057	8.4	H-4 CHONDRITE	B	A	19	13-21	MMG		6(2)
ALHA81058	66.2	H-4 CHONDRITE	C	C	18	15	MMG		6(2)
ALHA81059	539.5	MESOSIDERITE	C	B/C	28	25-32	MMG	26,49	6(1)
ALHA81060	28.3	L-3 CHONDRITE	C	B	2-28	5-27	MMG		6(2)
ALHA81061	23.7	L-3 CHONDRITE	B/C	A	3-33	5-27	MMG		6(2)
ALHA81062	0.5	H-5 CHONDRITE	C	A	18	16	MMG		6(2)
ALHA81063	4.9	H-5 CHONDRITE	B/C	B	18	16	NMINH		6(2)
ALHA81064	191.0	H-5 CHONDRITE	C	A/B	18	15	NMINH		6(2)
ALHA81065	13.1	L-3 CHONDRITE	B/C	B	10-41	5-24	MMG		6(2)
ALHA81066	8.7	L-3 CHONDRITE	C	B	1-44	1-25	MMG		6(2)
ALHA81067	227.6	H-5 CHONDRITE	C	B	19	17	MMG	26,23	6(1)
ALHA81068	23.7	H-4 CHONDRITE	B	A	19	16	MMG		6(2)
ALHA81069	7.2	L-3 CHONDRITE	B/C	A	4-38	1-31	MMG		6(2)
ALHA81070	3.7	H-5 CHONDRITE	B/C	A	19	17	NMINH		6(2)
ALHA81071	2.5	H-5 CHONDRITE	B	A	19	17	NMINH		6(2)
ALHA81072	3.2	H-5 CHONDRITE	B/C	A	19	17	NMINH		6(2)
ALHA81073	3.3	H-4 CHONDRITE	B/C	A	19	17	NMINH		6(2)
ALHA81074	8.0	H-4 CHONDRITE	B	B	19	16	MMG		6(2)
ALHA81075	15.7	H-5 CHONDRITE	B	A	19	17	NMINH		6(2)
ALHA81076	10.3	H-6 CHONDRITE	B	A	19	16	NMINH		6(2)
ALHA81077	4.2	H-5 CHONDRITE	B	A	19	17	NMINH		6(2)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
										SI AMN
ALHA81078	5.9	H-6 CHONDRITE	B/C	B	19	16			NMNH	6(2)
ALHA81079	7.5	H-6 CHONDRITE	C	A	19	16			NMNH	6(2)
ALHA81080	16.7	H-5 CHONDRITE	A/B	A	19	17			NMNH	6(2)
ALHA81081	5.0	H-5 CHONDRITE	B	A	19	17			NMNH	6(2)
ALHA81082	5.9	H-5 CHONDRITE	B	A	19	17			NMNH	6(2)
ALHA81083	6.6	H-5 CHONDRITE	B	A	19	16			NMNH	6(2)
ALHA81084	15.7	H-5 CHONDRITE	B	A	19	16			NMNH	6(2)
ALHA81085	16.2	L-3 CHONDRITE	C	B	1-39	2-25			MWG	6(2)
ALHA81086	5.7	H-6 CHONDRITE	B	B	19	16			NMNH	6(2)
ALHA81087	8.4	L-3 CHONDRITE	B/C	B	2-29	3-31			MWG	6(2)
ALHA81088	3.8	H-5 CHONDRITE	B	A	19	17			NMNH	6(2)
ALHA81089	11.2	H-5 CHONDRITE	B	A	19	17			NMNH	6(2)
ALHA81090	9.5	H-5 CHONDRITE	B	A	19	16			NMNH	6(2)
ALHA81091	12.2	H-5 CHONDRITE	B	A	19	16			NMNH	6(2)
ALHA81092	15.6	H-4 CHONDRITE	B	A	19	17			NMNH	6(2)
ALHA81093	271.0	H-6 CHONDRITE	A/B	A	19	17			MWG	6(2)
ALHA81094	152.0	H-6 CHONDRITE	C	B	20	17	58±3		MWG	6(1)
ALHA81095	58.8	H-4 CHONDRITE	B/C	B	19	16			NMNH	6(2)
ALHA81096	83.0	H-6 CHONDRITE	B	C	18	16			MWG	6(2)
ALHA81097	79.9	H-4 CHONDRITE	B	B	19	17			MWG	6(2)
ALHA81098	70.9	MESODERITE	B	A	18	16			MWG	6(2)
ALHA81099	151.6	L-6 CHONDRITE	C	B/C	18	16			MWG	6(2)
ALHA81100	154.6	H-5 CHONDRITE	A/B	A	25	21			MWG	6(2)
ALHA81101	119.2	URELITE	B	A	19	17			NMNH	6(2)
ALHA81102	196.0	H-6 CHONDRITE	A/B	B	10-22	17	80±4		MWG	6(2)
ALHA81103	136.1	H-4 CHONDRITE	B/C	A/B	19	17	49±2		MWG	6(2)
ALHA81104	183.8	H-4 CHONDRITE	B/C	B/C	19	17	35±2		MWG	6(2)
ALHA81105	92.7	H-4 CHONDRITE	C	C	19	17	36±2		NMNH	6(1)
ALHA81106	48.3	L-6 CHONDRITE	C	B/C	18	16	49±2		MWG	6(2)
ALHA81107	139.6	L-6 CHONDRITE	B	B	24	20	54±3		MWG	6(2)
ALHA81108	69.1	H-5 CHONDRITE	B	A	24	21	70±3		NMNH	6(2)
ALHA81109	1.1	H-4 CHONDRITE	B	B	18	16			MWG	6(2)
ALHA81110	3.0	H-5 CHONDRITE	B/C	A	19	17			MWG	6(2)
ALHA81111	210.3	H-6 CHONDRITE	B/C	A	19	17			NMNH	6(2)
ALHA81112	150.3	H-6 CHONDRITE	B/C	B	19	17	38±2		MWG	6(1)
ALHA81113	111.1	H-5 CHONDRITE	B/C	A	19	17	39±2		MWG	6(2)
ALHA81114	79.3	H-4 CHONDRITE	B/C	C	18	16	61±3		NMNH	6(2)
ALHA81115	154.9	H-5 CHONDRITE	B/C	B/C	18	16			MWG	6(2)
ALHA81116	1.7	H-5 CHONDRITE	C	A/B	19	17	40±2		NMNH	6(2)
ALHA81117	32.9	H-4 CHONDRITE	B	B	19	17			MWG	6(2)
					18	14-21				

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
										SI AMN
ALHA81164	20.1	H-5 CHONDRITE	B	A	18	16			MWG	7(1)
ALHA81165	6.3	H-5 CHONDRITE	B	A	19	16			NMNH	7(1)
ALHA81166	26.3	H-5 CHONDRITE	B	A	19	16			MWG	7(1)
ALHA81167	58.5	L-6 CHONDRITE	B/C	B	25	22			MWG	7(1)
ALHA81168	8.2	H-5 CHONDRITE	C	B	19	17			NMNH	7(1)
ALHA81169	5.6	H-5 CHONDRITE	B	B	18	16			NMNH	7(1)
ALHA81170	59.0	H-5 CHONDRITE	B	A/B	19	17			MWG	7(1)
ALHA81171	23.7	H-5 CHONDRITE	B/C	B	19	17			MWG	7(1)
ALHA81172	33.4	L-6 CHONDRITE	C	B	24	21			MWG	7(1)
ALHA81173	25.8	H-5 CHONDRITE	A/B	A	19	16			MWG	7(1)
ALHA81174**	33.3	H-5 CHONDRITE	B	B/C	19	17			MWG	7(1)
ALHA81175	13.2	H-5 CHONDRITE	A/B	B	19	17			NMNH	7(1)
ALHA81176	94.5	H-5 CHONDRITE	B	A	19	17			MWG	7(1)
ALHA81177	17.3	H-4 CHONDRITE	B/C	B	19	16			MWG	7(1)
ALHA81178	29.9	H-5 CHONDRITE	B/C	B/C	19	17			MWG	7(1)
ALHA81179	13.7	H-5 CHONDRITE	B	A	19	17			NMNH	7(1)
ALHA81180	16.6	H-6 CHONDRITE	C	B	18	16			NMNH	7(2)
ALHA81181	15.0	L-6 CHONDRITE	B	A	25	22			NMNH	7(2)
ALHA81182	4.6	H-5 CHONDRITE	B	A/B	18	16			NMNH	7(2)
ALHA81183	104.2	H-5 CHONDRITE	C	B/C	17	15	53±3		NMNH	7(2)
ALHA81184	16.7	L-4 CHONDRITE	A/B	A	24	20			MWG	28,29
ALHA81185	64.9	LL-6 CHONDRITE	A/B	A/B	30	25			MWG	7(2)
ALHA81186	22.7	H-5 CHONDRITE	B	A/B	18	16			MWG	7(2)
ALHA81187	40.0	ACHONDRITE (UNIQUE)	B/C	B	4	6.5			MWG	28,29
ALHA81188	8.7	H-5 CHONDRITE	A/B	A	19	17			NMNH	7(2)
ALHA81189	2.6	E-4 CHONDRITE	C	B	2	3			MWG	28,29
ALHA81190	48.3	L-3 CHONDRITE	C	A/B	0.3-32	4-28			MWG	28,29
ALHA81191	30.4	L-3 CHONDRITE	C	B/C	2-29	1-30			MWG	28,29
ALHA81192	8.9	H-5 CHONDRITE	A/B	A	19	16			NMNH	7(2)
ALHA81193	13.4	H-6 CHONDRITE	B	A	18	16			NMNH	7(2)
ALHA81194	17.0	H-5 CHONDRITE	B	B	19	16			NMNH	7(2)
ALHA81195	4.9	H-5 CHONDRITE	B	A/B	18	16			NMNH	7(2)
ALHA81196	9.4	H-6 CHONDRITE	B	A	18	16			NMNH	7(2)
ALHA81197	67.7	H-5 CHONDRITE	B/C	B/C	17	15			MWG	7(2)
ALHA81198	0.5	L-5 CHONDRITE	B/C	A	24	21			MWG	7(2)
ALHA81199	16.0	H-4 CHONDRITE	C	B	19	16			MWG	7(2)
ALHA81200	9.5	H-4 CHONDRITE	B/C	A	19	17			MWG	7(2)
ALHA81201	6.5	H-5 CHONDRITE	B/C	A	18	16			NMNH	7(2)
ALHA81202	5.4	H-5 CHONDRITE	C	A	19	17			NMNH	7(2)
ALHA81203	3.8	L-6 CHONDRITE	C	A	25	21			NMNH	7(2)

ALHA81204	7.3	H-6 CHONDRITE	B	A	18	16	NMNH	7(2)
ALHA81205	2.8	L-6 CHONDRITE	B	A	25	23	NMNH	7(2)
ALHA81206	3.8	H-4 CHONDRITE	B/C	A	18	15-21	MWG	7(2)
ALHA81207	14.1	H-5 CHONDRITE	C	B	18	16	NMNH	7(2)
ALHA81208	1.6	DIAGENITE/MESOSIDERITE	Ce	B	25	25	MWG	7(2)
ALHA81209	13.9	H-5 CHONDRITE	B/C	A	18	16	NMNH	7(2)
ALHA81210	0.6	H-6 CHONDRITE	B	A	19	17	MWG	8(1)
ALHA81211	7.2	H-5 CHONDRITE	B	A	18	16	NMNH	8(1)
ALHA81212	11.5	H-4 CHONDRITE	B/C	B	18	16	MWG	8(1)
ALHA81213	2.9	H-5 CHONDRITE	B/C	A	19	17	NMNH	7(2)
ALHA81214	4.4	L-3 CHONDRITE	B/C	A	0.2-38	0.1-45	MWG	7(2)
ALHA81215	11.2	H-5 CHONDRITE	A	A	18	16	NMNH	7(2)
ALHA81216	2.4	H-5 CHONDRITE	C	A	18	17	NMNH	8(1)
ALHA81217	5.4	L-6 CHONDRITE	C	B/C	24	20	NMNH	7(2)
ALHA81218	5.5	H-5 CHONDRITE	C	B	19	16	NMNH	7(2)
ALHA81219	24.4	H-5 CHONDRITE	B	A	19	17	MWG	8(1)
ALHA81220	3.5	H-5 CHONDRITE	B/C	A/B	18	16	NMNH	8(1)
ALHA81221	9.2	L-6 CHONDRITE	C	A/B	25	21	NMNH	8(1)
ALHA81223	9.5	H-6 CHONDRITE	A/B	A	18	16	NMNH	8(1)
ALHA81224	13.6	H-6 CHONDRITE	B/C	A	19	17	NMNH	8(1)
ALHA81225	13.9	H-6 CHONDRITE	B	A	19	17	NMNH	8(1)
ALHA81226	2.9	H-5 CHONDRITE	C	A	19	17	NMNH	8(1)
ALHA81227	11.3	H-5 CHONDRITE	B	B	19	17	NMNH	8(1)
ALHA81228	7.7	H-5 CHONDRITE	B/C	A	18	16	NMNH	8(1)
ALHA81229	40.0	L-3 CHONDRITE	C	B/C	7-32	2-30	MWG	8(1)
ALHA81230	12.5	H-5 CHONDRITE	B	B	18	16	NMNH	8(1)
ALHA81231	9.2	H-4 CHONDRITE	B/C	B	19	16	MWG	8(1)
ALHA81232	4.6	H-5 CHONDRITE	B	A/B	18	16	NMNH	8(1)
ALHA81233	25.0	H-5 CHONDRITE	C	B/C	19	17	NMNH	8(1)
ALHA81234	4.7	H-4 CHONDRITE	C	A	18	16	MWG	8(1)
ALHA81235	6.7	L-6 CHONDRITE	C	B	25	21	NMNH	8(1)
ALHA81236	40.9	H-5 CHONDRITE	A/B	A/B	18	16	MWG	8(1)
ALHA81237	26.9	H-5 CHONDRITE	B	B	18	16	MWG	8(1)
ALHA81238	24.1	H-5 CHONDRITE	C	B	19	16	MWG	8(1)
ALHA81239	31.6	H-5 CHONDRITE	B	B	19	17	MWG	8(1)
ALHA81240	41.3	H-5 CHONDRITE	C	C	19	18	MWG	8(1)
ALHA81241	34.2	H-5 CHONDRITE	B	A/B	17	14	MWG	8(1)
ALHA81242	19.9	H-5 CHONDRITE	B/C	A	18	17	NMNH	8(1)
ALHA81243	15.0	L-3 CHONDRITE	C	B	5-44	6-31	MWG	8(1)
ALHA81244	4.6	H-5 CHONDRITE	B	A	19	17	NMNH	8(1)
ALHA81245	3.8	H-5 CHONDRITE	B/C	A/B	19	17	NMNH	8(1)
ALHA81246	3.4	H-5 CHONDRITE	C	A	19	17	NMNH	8(1)
ALHA81247	104.2	L-6 CHONDRITE	A/B	B	25	21	NMNH	8(1)
ALHA81248	4.9	H-6 CHONDRITE	C	A/B	18	16	NMNH	8(1)
ALHA81249	10.4	H-5 CHONDRITE	B/C	A	18	17	NMNH	8(1)
ALHA81250	16.9	H-6 CHONDRITE	B	B	18	16	NMNH	8(1)

44±2

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALHA81251	158.0	LL-3 CHONDRITE		B	1-29	2-28	45±2		MWG	26,23	6(1)
ALHA81252	2.1	H-5 CHONDRITE		B	18	16			NIMNH		8(1)
ALHA81253	10.2	H-6 CHONDRITE		A/B	18	16			NIMNH		8(1)
ALHA81254	8.6	H-6 CHONDRITE		C	18	16			NIMNH		8(1)
ALHA81255	11.5	H-5 CHONDRITE		B	18	16			NIMNH		8(1)
ALHA81256	28.5	H-5 CHONDRITE		C	18	15			MWG		8(1)
ALHA81257	28.7	L-6 CHONDRITE		B	24	21			MWG		8(1)
ALHA81258	1.1	CARBONACEOUS C3V		A/B	0-28	0-1			MWG	28,29	8(1)
ALHA81259	9.9	L-3 CHONDRITE		C	0-22	0-29			MWG	28,29	8(1)
ALHA81260	124.1	E-6 CHONDRITE		A/B ^e			33±2		MWG	28,29	8(1)
ALHA81261**	11.8	H? CHON./ACAPULCO-LIKE		A	11	11			MWG	28,29	8(1)
ALHA81262	55.5	L-6 CHONDRITE		B	25	21			NIMNH		8(1)
ALHA81263	6.0	H-5 CHONDRITE		B	18	16			NIMNH		8(1)
ALHA81265	7.5	H-5 CHONDRITE		B/C	19	17			NIMNH		8(1)
ALHA81266	12.3	L-6 CHONDRITE		A/B	24	21			NIMNH		8(1)
ALHA81267	26.8	H-4 CHONDRITE		C	18	15-22			MWG		8(1)
ALHA81268	17.9	H-6 CHONDRITE		C	18	16			NIMNH		8(1)
ALHA81269	4.7	H-5 CHONDRITE		B/C	18	16			NIMNH		8(1)
ALHA81270	3.8	H-5 CHONDRITE		C	18	16			NIMNH		8(1)
ALHA81271	27.6	H-6 CHONDRITE		B	18	16			MWG		8(1)
ALHA81272	22.9	L-3 CHONDRITE		C	2-36	3-22			MWG	28,29	8(1)
ALHA81273	42.8	H-6 CHONDRITE		C	19	17			MWG		8(1)
ALHA81274	18.5	H-5 CHONDRITE		A/B	18	16			NIMNH		8(1)
ALHA81275	11.1	H-5 CHONDRITE		B	18	16			NIMNH		8(1)
ALHA81276	42.3	H-5 CHONDRITE		C	18	16			MWG		8(1)
ALHA81277	6.6	H-5 CHONDRITE		B	18	16			NIMNH		8(1)
ALHA81278	1.1	L-6 CHONDRITE		C	17	16			MWG		8(1)
ALHA81279	27.1	H-4 CHONDRITE		C	1-32	2-24			MWG	28,29	8(1)
ALHA81280	54.9	L-3 CHONDRITE		C	18	16			MWG		8(1)
ALHA81281	45.6	H-5 CHONDRITE		B	24	21			MWG		8(1)
ALHA81282	31.1	L-6 CHONDRITE		A/B	24	21			MWG		8(1)
ALHA81283	0.6	H-5 CHONDRITE		B/C	18	16			MWG		8(1)
ALHA81284	9.9	H-5 CHONDRITE		A	18	16			MWG		8(1)
ALHA81285	20.0	LL-6 CHONDRITE		A	19	17			NIMNH		8(1)
ALHA81286	27.9	H-5 CHONDRITE		A	27	23			NIMNH		8(1)
ALHA81287	77.6	H-5 CHONDRITE		B	19	17			MWG		8(1)
ALHA81288	19.8	H-6 CHONDRITE		C	17	15			MWG		8(1)
ALHA81289	4.2	L-6 CHONDRITE		A	18	16			NIMNH		8(1)
ALHA81290	1.5	H-4 CHONDRITE		A	24	21			NIMNH		8(1)
ALHA81291	3.9	H-6 CHONDRITE		B	18	17			MWG		8(1)

ALHA81292	12.9	L-3 CHONDRITE	C	A/B	11-34	2-31	MWG	28,29	8(1)
ALHA81293	2.0	H-5 CHONDRITE	B	A/B	18	16	MWG		8(1)
ALHA81294	8.6	H-5 CHONDRITE	B	A	18	16	NMNH		8(1)
ALHA81295	105.1	H-5 CHONDRITE	C	B/C	19	16	NMNH	28,29	8(1)
ALHA81296	12.7	H-5 CHONDRITE	B/C	B	17	15	NMNH		8(1)
ALHA81297	20.1	H-5 CHONDRITE	B	A	18	16	MWG		8(1)
ALHA81298	16.2	H-6 CHONDRITE	B	A	19	17	NMNH		8(1)
ALHA81299	0.5	L-3 CHONDRITE	C	A/B	1-37	2-16	MWG	28,29	8(1)
ALHA81300	10.3	H-5 CHONDRITE	A/B	A	19	16	NMNH		8(1)
ALHA81301	12.5	H-5 CHONDRITE	B/C	A	19	16	NMNH		8(1)
ALHA81302	4.2	H-5 CHONDRITE	B/C	A	18	16	NMNH		8(1)
ALHA81303	3.7	H-6 CHONDRITE	B/C	A	18	16	NMNH		8(1)
ALHA81304	42.1	L-6 CHONDRITE	A/B	B	24	21	MWG		8(1)
ALHA81305	1.1	H-5 CHONDRITE	B/C	A	18	16	MWG		8(1)
ALHA81306	7.1	H-5 CHONDRITE	B	A	19	17	NMNH		8(1)
ALHA81307	56.9	L-6 CHONDRITE	B	B/C	24	21	MWG		8(1)
ALHA81308	18.7	H-5 CHONDRITE	B/C	B	18	16	NMNH		8(1)
ALHA81309	0.6	H-4 CHONDRITE	C	A	18	16	MWG		8(1)
ALHA81310	0.7	H-6 CHONDRITE	B	A	19	17	MWG		8(1)
ALHA81311	0.9	L-6 CHONDRITE	B	A	24	21	MWG		8(1)
ALHA81312	0.7	CARBONACEOUS C2	A	A	1-35	1-31	MWG	28,29	7(1)
ALHA81313	0.5	SHERGOTTITE (?)	A	A	1-35	38	MWG	28,29	8(1)
ALHA81314	2.9	H-5 CHONDRITE	B	A	18	16	NMNH		8(1)
ALHA81315**	2.5	H? CHON /ACAPULCO-LIKE	A/B	A	11	11	MWG	28,29	8(1)
ALHA81316	0.7	LL-4 CHONDRITE	B	B	29	23	MWG		9(1)
ALHA81317	0.4	H-6 CHONDRITE	C	A	18	16	MWG		9(1)
ALH 82100	24.3	CARBONACEOUS C2	A	A	1-47	1-2	MWG	28,29	6(2)
ALH 82101	29.1	CARBONACEOUS C30	A	A/B	1-50	1-10	MWG	28,29	7(1)
ALH 82102	48.1	H-5 CHONDRITE (IN ICE)	B/C	A	18	16	MWG	28,29	6(2)
ALH 82103	2529.2	H-5 CHONDRITE	B	B	17	16	MWG	28,29	7(2)
ALH 82104	398.8	L-5 CHONDRITE	A	A/B	25	21	NMNH	28,29	7(1)
ALH 82105	363.3	L-6 CHONDRITE	A/B	A	24	21	NMNH	28,29	7(1)
ALH 82106	35.1	UREILITE	B	A	3	4	MWG	28,29	7(2)
ALH 82107	9.2	L-5 CHONDRITE	B/C	A	22	19	NMNH		7(2)
ALH 82108	13.5	H-5 CHONDRITE	B/C	A	18	16	NMNH		7(2)
ALH 82109	47.2	H-5 CHONDRITE	B/C	A/B	18	16	MWG		7(2)
ALH 82110	39.3	H-3 CHONDRITE	B/C	B	1-24	4-27	MWG	28,29	7(2)
ALH 82111	63.0	L-6 CHONDRITE	A/B	A	24	21	MWG		7(2)
ALH 82112	28.3	H-5 CHONDRITE	C	A	17	16	MWG		7(2)
ALH 82113	61.2	H-6 CHONDRITE	A/B	A	18	16	MWG		7(2)
ALH 82114	40.7	H-5 CHONDRITE	A/B	A	17	15	MWG		7(2)
ALH 82115	48.5	H-5 CHONDRITE	A/B	A	18	16	MWG		7(2)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES
										SI AMN
ALH 82116	18.4	H-6 CHONDRITE	B	B	18	16			NMNH	7(2)
ALH 82117	4.2	L-5 CHONDRITE	B	B	25	22			NMNH	7(2)
ALH 82118	110.9	L-6 CHONDRITE	A/B	B	24	20	59±3		NMNH	28,29 7(2)
ALH 82119	23.9	H-5 CHONDRITE	B/C	B	18	16			MWG	7(2)
ALH 82120	7.2	H-5 CHONDRITE	B	A	19	17			NMNH	7(2)
ALH 82121	2.4	L-6 CHONDRITE	A	B	24	20			NMNH	7(2)
ALH 82122	142.0	H-5 CHONDRITE	B	A	18	16	44±2		NMNH	7(2)
ALH 82123	110.8	L-6 CHONDRITE	B	A	25	20	56±2		NMNH	7(2)
ALH 82124	25.8	H-6 CHONDRITE	C	A/B	18	16			MWG	7(2)
ALH 82125	178.4	L-6 CHONDRITE	C	B	24	20	36±2		MWG	28,29 7(2)
ALH 82126	139.9	H-4 CHONDRITE	B/C	A	18	15	54±2		MWG	7(2)
ALH 82127	5.1	H-6 CHONDRITE	A/B	A	18	16			NMNH	7(2)
ALH 82128	15.2	H-4 CHONDRITE	B/C	A	18	16			MWG	7(2)
ALH 82129	14.1	H-5 CHONDRITE	B/C	A	18	17			NMNH	7(2)
ALH 82130	44.6	URELITE	B	A	3	4	62±5		MWG	7(2)
ALH 82131	1.0	CARBONACEOUS C2	A	B	0.3				MWG	28,29 7(2)
ALH 82132	5.9	E-4 CHONDRITE	Ce	B/C		0.4			MWG	28,29 7(2)
ALH 82133	19.7	H-4 CHONDRITE	B/C	A/B	18	16			MWG	28,29 7(2)
ALH 82134	28.2	H-5 CHONDRITE	B/C	A	16	15			MWG	7(2)
ALH 82135	12.1	CARBONACEOUS C4	A	A	27	24			MWG	7(2)
ALH 82136	4.3	H-4 CHONDRITE	B	B	18	5-20			MWG	28,29 7(2)
ALH 82137	10.8	L-5 CHONDRITE	B	A	23	20			NMNH	7(2)
ALH 82138	5.0	H-6 CHONDRITE	B	A/B	19	17			NMNH	7(2)
ALH 82139	0.2	L-6 CHONDRITE	B	A	24	20			MWG	7(2)
ALH 82140	0.3	L-6 CHONDRITE	C	A	25	20			MWG	7(2)
ALH 82141	0.6	H-5 CHONDRITE	C	A	19	17			MWG	7(2)
ALH 82142	20.0	L-6 CHONDRITE	C	B/C	25	21			MWG	7(2)
ALH 82143	3.5	H-6 CHONDRITE	C	A/B	18	16			NMNH	7(2)
ALH 82144	7.3	H-5 CHONDRITE	B	A	19	17			NMNH	7(2)
ALH 83001	1568.6	L-4 CHONDRITE	B	A	23-28	20-32	40±1		MWG	28,29 8(1)
ALH 83002	367.1	L-5 CHONDRITE	B	A	23	19	28±1		MWG	9(2)
ALH 83003	321.8	H-5 CHONDRITE	A/B	A	17	15	39±2		MWG	9(2)
ALH 83004	813.9	L-6 CHONDRITE	B	A	23	19	53±2		MWG	9(2)
ALH 83005	227.9	H-5 CHONDRITE	C	B	17	15	34±2		MWG	9(2)
ALH 83006	230.2	H-5 CHONDRITE	B/C	C	17	15	53±2		MWG	9(2)
ALH 83007**	285.0	LI-3 CHONDRITE	B	A	0.5-43	3-37	58±2		MWG	9(1)
ALH 83008	272.0	L-3 CHONDRITE	B	A	10-24	5-24	38±2		MWG	9(1)
ALH 83009	1.7	AUBRITE	A/B	A	4-31	2-28	50±2		MWG	8(1)
ALH 83010	395.2	L-3 CHONDRITE	B	A	23	19	44±2		MWG	8(1)
ALH 83011	213.3	L-5 CHONDRITE	C	B					MWG	9(1)

ALH 83012	202.7	H-5 CHONDRITE	B/C	B	18	16	MMG	10(1)
ALH 83013	246.3	H-6 CHONDRITE	A/B	A	18	16	MMG	9(1)
ALH 83014	1.3	URELITE	B	A	18	15	MMG	8(1)
ALH 83015	3.1	AUBRITE	A/B	A			28,29	8(1)
ALH 83016	4.1	CARBONACEOUS C2	A/B	B/C	0.3-30	0-1	MMG	8(1)
ALH 83017	0.6	L-3 CHONDRITE	A	A	0.8-28	4-20	MMG	10(2)
ALH 83018	3.7	E-6 CHONDRITE	B/C	A		0	MMG	10(2)
ALH 83019	2.6	H-4 CHONDRITE	B/C	A	17-21	11-22	MMG	10(2)
ALH 83020	2.9	H-5 CHONDRITE	B	B	18	16	MMG	10(2)
ALH 83021	42.4	L-6 CHONDRITE	B	A			MMG	10(2)
ALH 83022	5.4	LL-6 CHONDRITE	B	A			MMG	10(2)
ALH 83023	4.2	L-4 CHONDRITE	B	A	23	20	MMG	10(2)
ALH 83024	6.2	H-6 CHONDRITE	B/C	A	17	15	MMG	10(2)
ALH 83025	77.8	H-5 CHONDRITE	C	B	17	15	MMG	10(2)
ALH 83026	0.1	CARBONACEOUS C30	B	A	0.3-18	0.7-12	MMG	10(2)
ALH 83027	2.7	L-6 CHONDRITE	B	A			MMG	10(2)
ALH 83028	16.0	H-6 CHONDRITE	B	A			MMG	10(2)
ALH 83029	96.2	H-5 CHONDRITE	B/C	A	19	16	MMG	10(2)
ALH 83030	48.7	H-5 CHONDRITE	B/C	B/C	18	16	MMG	10(2)
ALH 83031	10.4	H-5 CHONDRITE	B	A	19	16	MMG	10(2)
ALH 83032	2.9	LL-6 CHONDRITE	B	A			MMG	10(2)
ALH 83033	20.7	L-6 CHONDRITE	B/C	B	23	20	MMG	10(2)
ALH 83034	6.5	H-5 CHONDRITE	B	B	18	16	MMG	10(2)
ALH 83035	1.2	H-5 CHONDRITE	B	A	18	16	MMG	10(2)
ALH 83036	24.3	H-5 CHONDRITE	A	A/B	17	15	MMG	10(2)
ALH 83037	2.5	H-5 CHONDRITE	B/C	A/B	18	16	MMG	10(2)
ALH 83038	86.5	L-3 CHONDRITE	C	A/B	7-35	2-22	MMG	10(2)
ALH 83039	6.3	H-5 CHONDRITE	B	A/B	18	16	MMG	10(2)
ALH 83040	77.9	H-5 CHONDRITE	B/C	A	18	16	MMG	10(2)
ALH 83041	0.3	L-6 CHONDRITE	C	A			MMG	10(2)
ALH 83042	0.5	H-3 CHONDRITE	B	A	7-33	2-16	MMG	10(2)
ALH 83043	2.7	L-6 CHONDRITE	B	A/B			MMG	10(2)
ALH 83044	4.8	H-5 CHONDRITE	A	A	19	17	MMG	10(2)
ALH 83045	1.6	L-5 CHONDRITE	B/C	A	24	20	MMG	10(2)
ALH 83046	32.9	H-5 CHONDRITE	A/B	A	17	15	MMG	9(3)
ALH 83047	20.0	H-5 CHONDRITE	B/C	A	19	16	NMNH	9(3)
ALH 83048	2.3	L-5 CHONDRITE	B/C	A	24	20	NMNH	9(3)
ALH 83049	6.1	H-5 CHONDRITE	B	B	18	16	NMNH	9(3)
ALH 83050	9.7	H-6 CHONDRITE	A/B	B	17	15	NMNH	9(3)
ALH 83051	16.5	H-5 CHONDRITE	A/B	A	17	15	NMNH	9(3)
ALH 83052	52.8	L-6 CHONDRITE	C	B	23	20	MMG	9(3)
ALH 83053	63.2	H-5 CHONDRITE	C	C	17	15	MMG	9(3)
ALH 83054	16.8	LL-6 CHONDRITE	A	A			MMG	10(2)
ALH 83055	18.4	H-5 CHONDRITE	B/C	A	18	16	MMG	10(2)
ALH 83056	1.4	H-5 CHONDRITE	A/B	A	18	16	MMG	10(2)
ALH 83057	62.9	H-5 CHONDRITE	B	B	18	16	MMG	10(2)

58±3

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALH 83058	29.2	L-6 CHONDRITE	A	A	19	17			MWG		10(2)
ALH 83059	3.5	H-5 CHONDRITE	B/C	A	18	16			MWG		10(2)
ALH 83060	8.8	H-5 CHONDRITE	C	B	17	15			MWG		10(2)
ALH 83061	33.6	H-5 CHONDRITE	B/C	A/B	17	15			MWG		10(2)
ALH 83062	76.9	H-5 CHONDRITE	B/C	B	17	15			MWG		10(2)
ALH 83063	16.9	L-6 CHONDRITE	A/B	A					MWG		10(2)
ALH 83064	12.4	H-5 CHONDRITE	C	A/B	18	16			MWG		10(2)
ALH 83065	53.6	H-5 CHONDRITE	C	A	17	15			MWG		10(2)
ALH 83066	45.9	H-5 CHONDRITE	C	B	17	15			MWG		10(2)
ALH 83067	95.8	L-6 CHONDRITE	A/B	A	24	20	42±2		MWG		10(2)
ALH 83068	0.8	H-5 CHONDRITE	C	A	17	15			MWG		9(1)
ALH 83069	78.2	L-5 CHONDRITE	A	A	25	21			MWG		10(2)
ALH 83070	215.7	LL-6 CHONDRITE	A	A	29	23	62±3		MWG		9(1)
ALH 83071	4.9	H-6 CHONDRITE	B/C	A	18	16			MWG		10(2)
ALH 83072	1.6	H-5 CHONDRITE	C	A	18	16			MWG		10(2)
ALH 83073	49.2	H-5 CHONDRITE	C	B	18	16			MWG		10(2)
ALH 83074	6.4	H-5 CHONDRITE	C	A	17	16			MWG		10(2)
ALH 83100	3019.0	CARBONACEOUS C2	Be	B/C					MWG	28,29	7(1)
ALH 83101	639.2	L-6 CHONDRITE	A	A	25	23			MWG	28,29	8(1)
ALH 83102	1786.2	CARBONACEOUS C2	B/Ce	C	0-2				MWG	28,29	8(1)
ALH 83103	51.8	H-6 CHONDRITE	B	A	18	16			MWG		10(2)
ALH 83104	2.1	H-5 CHONDRITE	B	A					MWG		10(2)
ALH 83105	0.7	L-6 CHONDRITE	A	A					MWG		10(2)
ALH 83106	22.3	CARBONACEOUS C2	A	A/B	0.2-5	16			MWG		9(1)
ALH 83107	38.4	H-5 CHONDRITE	B/C	A	18	16			MWG		10(2)
ALH 83108	1519.4	CARBONACEOUS C30	A	A	0.9-38	1-17			MWG		9(1)
ALH 84001	1930.9	DIAGENITE	A/B	B	24	20			MWG		8(2)
ALH 84002	7554.0	L-6 CHONDRITE	Be	A/B	16	15			MWG		9(2)
ALH 84003	3088.7	H-5 CHONDRITE	Be	A	17-18	16-19			MWG		9(2)
ALH 84004	9000.0	H-4 CHONDRITE	Be	B	21	18			MWG		8(2)
ALH 84005	12000.0	L-5 CHONDRITE	A/B	A	18	17-18			MWG		9(1)
ALH 84006	16000.0	H-4.5 CHONDRITE	B/Ce	B	18	17-18			MWG		8(2)
ALH 84007	705.6	AUBRITE	Be	A/B					MWG		8(2)
ALH 84008	301.6	AUBRITE	A/B	A	0	0			MWG		8(2)
ALH 84009	335.6	AUBRITE	A	A	0	0			MWG		8(2)
ALH 84010	303.0	AUBRITE	A	B	0	0			MWG		9(2)
ALH 84011	138.2	AUBRITE	A	A/B	0	0			MWG		8(2)
ALH 84012	224.7	AUBRITE	A	A	0	0			MWG		9(2)
ALH 84013	159.9	AUBRITE	A/B	A/B	0	0			MWG		9(2)
ALH 84014	49.4	AUBRITE	A/B	A/B	0	0			MWG		9(2)

ALH 84015	263.9	AUBRITE	A	B	0	0	0	9(2)	MWG
ALH 84016	149.7	AUBRITE	A	A	0	0	0	9(2)	MWG
ALH 84017	79.8	AUBRITE	A	B/C	0	0	0	9(2)	MWG
ALH 84018	81.7	AUBRITE	A	B	0	0	0	9(2)	MWG
ALH 84019	93.2	AUBRITE	A	A/B	0	0	0	9(2)	MWG
ALH 84020	191.1	AUBRITE	A/B	A	0	0	0	9(2)	MWG
ALH 84021	35.7	AUBRITE	A	C	0	0	0	9(2)	MWG
ALH 84022	12.5	AUBRITE	A	A	0	0	0	9(2)	MWG
ALH 84023	262.4	AUBRITE	A	A	0	0	0	9(2)	MWG
ALH 84024	194.4	AUBRITE	A	A	0	0	0	9(2)	MWG
ALH 84025**	4.6	ACHON. (BRACHINA-LIKE)	A/Be	A	32-33	11		8(2)	MWG
ALH 84027	8.0	LL-7(?) CHONDRITE	B	B	27	23		8(2)	MWG
ALH 84028	735.9	CARBONACEOUS C3V	Ae	A	0-50	2		8(2)	MWG
ALH 84029	119.8	CARBONACEOUS C2	Ae	B	0-2			8(2)	MWG
ALH 84030	6.2	CARBONACEOUS C2	A	B/C	0-2			8(2)	MWG
ALH 84031	12.5	CARBONACEOUS C2	Ae	B	0-2	2		8(2)	MWG
ALH 84032	7.9	CARBONACEOUS C2	A	A	0-2	2		8(2)	MWG
ALH 84033	60.4	CARBONACEOUS C2	Ae	B	0-1	2		8(2)	MWG
ALH 84034	44.1	CARBONACEOUS C2	A	A	0-2			8(2)	MWG
ALH 84035	3.2	CARBONACEOUS C2	Ae	A	0.5-6	0.7-7		9(2)	MWG
ALH 84036	2.8	CARBONACEOUS C2	A	A	0.7-40	2-13		9(2)	MWG
ALH 84037	3.0	CARBONACEOUS C3V	Be	A	0.8-9	0.5-12		9(2)	MWG
ALH 84038	12.3	CARBONACEOUS C4	Ae	A	25-30			9(2)	MWG
ALH 84039	32.8	CARBONACEOUS C2	A/B	A	0.4-31	.8-1.5		9(2)	MWG
ALH 84040	28.7	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84041	1.3	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84042	51.3	CARBONACEOUS C2	A	B	0-2			8(2)	MWG
ALH 84043	16.8	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84044	147.4	CARBONACEOUS C2	Ae	B	0-2			8(2)	MWG
ALH 84045	11.4	CARBONACEOUS C2	Ae	A/B	.3-2.1	.7-1.0		9(2)	MWG
ALH 84046	1.5	CARBONACEOUS C2	A	A				9(2)	MWG
ALH 84047	4.4	CARBONACEOUS C2	A/Be	B				9(2)	MWG
ALH 84048	12.6	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84049	29.4	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84050	3.2	CARBONACEOUS C2	Ae	B				9(2)	MWG
ALH 84051	34.3	CARBONACEOUS C2	A/Be	B				9(2)	MWG
ALH 84052	10.5	LL-6 CHONDRITE	A/B	A	29	24		9(2)	NMNH
ALH 84053	5.2	CARBONACEOUS C2	A	A	.5-1.5	5		9(2)	MWG
ALH 84054	19.4	CARBONACEOUS C2	Ae	A	0.5-36	3		9(2)	MWG
ALH 84055	6900.5	H-5 CHONDRITE	Be	B	16	14		9(1)	MWG
ALH 84056	2140.3	L-6 CHONDRITE	Be	A/B	24	21		9(1)	MWG
ALH 84057	368.2	L-6 CHONDRITE	B/Ce	A	23	19	42±2	9(1)	MWG
ALH 84058	2002.5	L-6 CHONDRITE	B	A	23	20		9(1)	MWG
ALH 84059	856.9	H-4 CHONDRITE	B/C	B	18	16	43±2	9(1)	MWG
ALH 84060	338.9	H-5 CHONDRITE	B	A	17	15	59±2	9(1)	NMNH
ALH 84061	676.4	L-6 CHONDRITE	B	A	24	21	46±2	9(1)	NMNH

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (rad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMNH
ALH 84062	958.2	L-6 CHONDRITE	A/B	A	23	19	46±2		NMNH		9(1)
ALH 84063	759.6	L-5 CHONDRITE	A/B	A	22	19	54±2		NMNH		9(1)
ALH 84064	1889.1	H-5 CHONDRITE	B	A	17	15			MWG		9(1)
ALH 84065	1641.7	L-6 CHONDRITE	A/B	A	23	20			MWG		9(2)
ALH 84066	355.8	L-6 CHONDRITE	B	A	23	19	73±3		MWG		9(1)
ALH 84067	391.2	H-5 CHONDRITE	C	B/C	17	15	54±2		NMNH		9(1)
ALH 84068	1114.1	H-5 CHONDRITE	B	A	17	15	46±2		NMNH		9(1)
ALH 84069	1136.3	H-5 CHONDRITE	A	A	19	16	40±2		MWG		9(2)
ALH 84070	3951.7	L-6 CHONDRITE	A/B	A	23	19	52±4		NMNH		9(1)
ALH 84071	797.7	H-6 CHONDRITE	B	B	19	16	45±1		NMNH		9(1)
ALH 84072	720.9	L-6 CHONDRITE	B _g	A	24	20	41±2		MWG		9(1)
ALH 84073	630.6	H-5 CHONDRITE	B	A	17	15	34±1		MWG		9(3)
ALH 84074	757.5	H-5 CHONDRITE	A/B	B	17	15	33±1		MWG		9(3)
ALH 84075	788.6	H-5 CHONDRITE	C	B/C	17	15	49±2		MWG		9(3)
ALH 84076	368.7	H-5 CHONDRITE	B	A	18	16	64±3		MWG		9(3)
ALH 84077	276.4	H-5 CHONDRITE	B/C	A	18	16	45±2		MWG		9(3)
ALH 84078	283.3	H-5 CHONDRITE	B/C	A	18	16	65±3		MWG		9(3)
ALH 84079	749.6	L-6 CHONDRITE	A/B	A	23	20	65±3		NMNH		9(3)
ALH 84080	286.8	L-6 CHONDRITE	B	A	24	20	26±1		MWG		9(3)
ALH 84081	612.3	L-6 CHONDRITE	A	B	29	23	46±2		MWG		9(3)
ALH 84082	556.6	H-6 CHONDRITE	C	A	19	17	40±2		MWG		9(3)
ALH 84083	419.7	H-6 CHONDRITE	B/C	B/C	18	16	38±2		MWG		9(3)
ALH 84084	331.8	H-4 CHONDRITE	B	A	18	16	59±2		MWG		9(3)
ALH 84085	554.2	H-5 CHONDRITE	B/C	B/C	17	15	49±2		NMNH		9(3)
ALH 84086	234.0	L-3 CHONDRITE	A/B	A	25-29	17-26	56±2		MWG		9(3)
ALH 84087	314.6	L-6 CHONDRITE	A/B	A	24	20	69±3		MWG		9(3)
ALH 84088	297.5	H-5 CHONDRITE	B	A	18	16	60±3		NMNH		9(3)
ALH 84089	303.8	H-5 CHONDRITE	B/C	A	18	16	49±2		NMNH		9(3)
ALH 84090	201.8	L-6 CHONDRITE	C _g	A	25	22	40±2		MWG		9(3)
ALH 84091	214.6	H-5 CHONDRITE	B/C	A	19	17	50±2		NMNH		9(3)
ALH 84092	213.9	L-6 CHONDRITE	A/B	B	23	20	63±3		NMNH		9(3)
ALH 84093	113.5	H-6 CHONDRITE	B	B	17	15	69±4		MWG		9(3)
ALH 84094	207.6	H-5 CHONDRITE	C	B	17	15	54±3		NMNH		9(3)
ALH 84095	276.8	L-6 CHONDRITE	A/B	A	24	20	33±2		MWG		9(3)
ALH 84096	293.6	CARBONACEOUS C4	A/B	A	30	22	70±4		MWG		9(3)
ALH 84097	388.7	L-6 CHONDRITE	B	A	24	21	63±4		NMNH		9(3)
ALH 84098	260.5	H-5 CHONDRITE	B/C	A	17	15	65±3		NMNH		9(3)
ALH 84099	150.3	H-5 CHONDRITE	B/C	B	17	15			MWG		9(3)
ALH 84100	110.3	H-5 CHONDRITE	B	A	18	16			MWG		9(3)
ALH 84101	220.9	H-6 CHONDRITE	C	B	19	17			MWG		10(1)

ALH 84102	213.9	L-6 CHONDRITE	B	B	B	24	21	MWG	10(1)
ALH 84103	137.5	H-4 CHONDRITE	B	A	A	17	15	MWG	10(1)
ALH 84104	201.1	L-6 CHONDRITE	B	B	B	24	20	MWG	10(1)
ALH 84105	260.9	H-6 CHONDRITE	C	C	C	15	14	MWG	10(1)
ALH 84106	94.7	L-6 CHONDRITE	B/C	A	A			MWG	10(2)
ALH 84107	134.1	LL-6 CHONDRITE	A	B	B	29	23	MWG	9(3)
ALH 84108	214.8	H-6 CHONDRITE	B	B	B	18	16	MWG	10(1)
ALH 84109	245.9	H-6 CHONDRITE	B/C	A/B	A/B	19	16	MWG	10(1)
ALH 84110	318.5	H-6 CHONDRITE	B/C	A	A	18	16	MWG	10(1)
ALH 84111	131.5	H-5 CHONDRITE	B	A/B	A/B	18	16	MWG	9(3)
ALH 84112	145.8	L-6 CHONDRITE	A/B	B	B	24	21	MWG	10(1)
ALH 84113	212.1	H-6 CHONDRITE	B/C	B	B	18	16	MWG	10(1)
ALH 84114	119.9	H-6 CHONDRITE	B	B	B	18	16	MWG	10(1)
ALH 84115	194.5	H-6 CHONDRITE	B/C	B	B	18	16	MWG	10(1)
ALH 84116	56.2	LL-6 CHONDRITE	B	A	A	28	23	MWG	9(3)
ALH 84117	71.8	H-5 CHONDRITE	B	A	A	18	16	MWG	9(3)
ALH 84118	113.7	H-6 CHONDRITE	B	B	B	18	16	MWG	10(1)
ALH 84119	33.8	LL-6 CHONDRITE	A	A	A	28	23	MWG	9(3)
ALH 84120	129.0	L-3 CHONDRITE	A/B	A	A	22	6-21	MWG	10(1)
ALH 84121	141.4	H-5 CHONDRITE	C	B/C	B/C	17	15	MWG	11(2)
ALH 84122	81.4	LL-6 CHONDRITE	A/B	A	A			MWG	10(2)
ALH 84123	96.6	LL-6 CHONDRITE	B	B	B	18	16	MWG	10(2)
ALH 84124	114.5	H-5 CHONDRITE	C	B/C	B/C			MWG	10(1)
ALH 84125	76.4	LL-6 CHONDRITE	A	A/B	A/B			MWG	10(2)
ALH 84126	41.2	LL-3 CHONDRITE	B	B	B	7-31	3-24	MWG	9(3)
ALH 84127	83.8	L-6 CHONDRITE	B	B	B			MWG	10(2)
ALH 84128	2.1	H-5 CHONDRITE	C	B	B	19	17	MWG	11(2)
ALH 84129	37.6	L-6 CHONDRITE	A	A	A	23	20	MWG	11(2)
ALH 84130	45.1	L-6 CHONDRITE	B/C	B	B			MWG	10(2)
ALH 84131	107.9	H-5 CHONDRITE	C	B/C	B/C	18	15	MWG	9(3)
ALH 84132	157.8	L-6 CHONDRITE	B	A	A	23	20	MWG	10(1)
ALH 84133	70.5	H-5 CHONDRITE	B	A	A	18	16	MWG	11(2)
ALH 84134	113.4	L-6 CHONDRITE	B	A	A	23	20	MWG	10(1)
ALH 84135	31.3	H-5 CHONDRITE	B/C	A	A	18	16	MWG	9(3)
ALH 84136	83.5	URELITE						MWG	9(3)
ALH 84137	145.4	H-5 CHONDRITE	B/C	C	C	18	16	MWG	9(3)
ALH 84138	20.2	H-5 CHONDRITE	B	A	A	19	17	MWG	9(3)
ALH 84139	157.1	H-5 CHONDRITE	A	A	A	19	17	MWG	9(3)
ALH 84140	164.0	L-6 CHONDRITE	C	B	B	24	21	MWG	10(1)
ALH 84141	130.3	L-6 CHONDRITE	B	B	B	24	21	MWG	10(1)
ALH 84142	78.5	L-6 CHONDRITE	A/B	B	B			MWG	10(2)
ALH 84143	74.3	L-6 CHONDRITE	B	B	B			MWG	10(2)
ALH 84144	53.9	H-5 CHONDRITE	C	A/B	A/B	17	15	MWG	11(2)
ALH 84145	19.2	H-5 CHONDRITE	B	B	B	17	15	MWG	11(2)
ALH 84146	33.2	H-5 CHONDRITE	B	B/C	B/C	18	16	MWG	11(2)
ALH 84147	54.2	H-6 CHONDRITE	C	A	A	17	15	MWG	9(3)

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Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALH 84148	168.4	H-5 CHONDRITE	C	C	17	15			MWG		10(1)
ALH 84149	12.0	H-5 CHONDRITE	C	C	17	15			MWG		11(2)
ALH 84150	20.0	H-6 CHONDRITE	B/C	A	19	17			MWG		11(2)
ALH 84151	112.4	H-6 CHONDRITE	B	A	18	15			MWG		9(3)
ALH 84152	6.4	H-5 CHONDRITE	B/C	A	17	15			MWG		11(2)
ALH 84153	242.9	H-6 CHONDRITE	B/C	A	17	15			MWG		9(3)
ALH 84154	87.6	LL-6 CHONDRITE	A	A	31	25			MWG		11(2)
ALH 84155	113.9	H-5 CHONDRITE	B/C	A	18	16			MWG		11(2)
ALH 84156	27.8	H-5 CHONDRITE	B/C	A	18	16			MWG		11(2)
ALH 84157	88.6	H-5 CHONDRITE	B/C	A	17	15			MWG		9(3)
ALH 84158	53.7	H-5 CHONDRITE	B/C	A	18	15			MWG		11(2)
ALH 84159	100.8	H-6 CHONDRITE	C	A/B	19	17			MWG		10(1)
ALH 84160	53.9	L-6 CHONDRITE	B	A					MWG		10(2)
ALH 84161	82.9	H-5 CHONDRITE	C	B/C	17	15			MWG		11(2)
ALH 84162	42.3	H-5 CHONDRITE	C	B/C	18	15			MWG		11(2)
ALH 84163	134.9	H-5 CHONDRITE	C	A	17	15			MWG		10(1)
ALH 84164	101.4	L-6 CHONDRITE	A/B	A	24	20			MWG		10(1)
ALH 84165**	94.7	IRON-GROUP MAB							MWG		9(1)
ALH 84166	39.0	L-6 CHONDRITE	B	B/C					MWG		10(2)
ALH 84167	150.7	H-5 CHONDRITE	C	B	17	15			MWG		9(3)
ALH 84168	14.2	LL-6 CHONDRITE	B	A	30	24			NMNH		9(3)
ALH 84169	98.4	L-6 CHONDRITE	B/C	C	25	22			MWG		11(2)
ALH 84170	39.2	E-3 CHONDRITE	B	A	0.6-28	0.9-17			MWG		9(3)
ALH 84171	36.6	H-6 CHONDRITE	C	A					MWG		10(2)
ALH 84172	3.0	H-5 CHONDRITE	B/C	B	16	15			MWG		11(2)
ALH 84173	1.7	L-6 CHONDRITE	C	B	25	21			MWG		11(2)
ALH 84174	32.2	L-6 CHONDRITE	B	B					MWG		10(2)
ALH 84175	35.4	H-5 CHONDRITE	C	B	19	16			MWG		11(1)
ALH 84176	4.6	H-6 CHONDRITE	C	B/C	18	16			MWG		11(1)
ALH 84177	7.3	L-5 CHONDRITE	B	B	24	20			NMNH		9(3)
ALH 84178	0.4	H-5 CHONDRITE	B	A	18	16			NMNH		9(3)
ALH 84179	46.5	H-5 CHONDRITE	B/C	B/C	18	16			MWG		11(1)
ALH 84180	47.4	H-6 CHONDRITE	B	A	18	16			MWG		11(1)
ALH 84181	32.9	L-6 CHONDRITE	A/B	B					MWG		10(2)
ALH 84182	14.2	L-6 CHONDRITE	B	B	24	21			MWG		11(1)
ALH 84183	27.8	H-5 CHONDRITE	B	B	17	15			MWG		11(1)
ALH 84184	42.1	H-5 CHONDRITE	B	B	18	16			MWG		9(3)
ALH 84185	4.8	H-5 CHONDRITE	C	A	18	16			NMNH		9(3)
ALH 84186	19.6	H-6 CHONDRITE	B	B/C					MWG		10(2)
ALH 84187	25.9	H-6 CHONDRITE	C	B/C	18	16			MWG		11(1)

ALH 84188	3.1	E-4 CHONDRITE	C	B	0.7-3	MWG	9(3)
ALH 84189	8.7	H-6 CHONDRITE	C	B		MWG	10(2)
ALH 84190	7.9	ACHONDRITE (UNIQUE)	C	B	4	MWG	11(1)
ALH 84191	14.0	CARBONACEOUS C2	A	B	0.4-8	MWG	9(3)
ALH 84192	4.2	H-5 CHONDRITE	C	A	18	MWG	11(1)
ALH 84193	9.4	L-6 CHONDRITE	A/B	C	16	MWG	10(2)
ALH 84194	3.9	H-5 CHONDRITE	C	A/B	18	MWG	11(1)
ALH 84195	2.1	L-4 CHONDRITE	B	A	22	MWG	11(1)
ALH 84196	10.2	H-5 CHONDRITE	B/C	A	16	MWG	11(1)
ALH 84197	8.2	L-6 CHONDRITE	B	A	18	MWG	11(1)
ALH 84198	5.4	LL-6 CHONDRITE	A/B	A	29	MWG	10(2)
ALH 84199	27.1	H-5 CHONDRITE	C	A	17	NMNH	9(3)
ALH 84200	8.5	E-4 CHONDRITE	B	B	15	MWG	11(1)
ALH 84201	6.3	H-5 CHONDRITE	B/C	A	0.6-4	MWG	11(1)
ALH 84202	87.5	H-5 CHONDRITE	C	A	18	MWG	11(1)
ALH 84203	8.8	L-6 CHONDRITE	A/B	B	17	MWG	11(1)
ALH 84204	24.4	H-6 CHONDRITE	C	B	15	MWG	10(2)
ALH 84205	25.2	L-3 CHONDRITE	B	B	12-33	MWG	10(2)
ALH 84206	15.1	E-4 CHONDRITE	A/B	A	4-19	MWG	11(1)
ALH 84207	4.5	L-6 CHONDRITE	B	A	0.7-6	MWG	9(3)
ALH 84208	20.9	H-6 CHONDRITE	C	B	17	MWG	10(2)
ALH 84209	5.5	L-5 CHONDRITE	C	A/B	15	MWG	11(1)
ALH 84210	8.8	L-6 CHONDRITE	C	B	23	MWG	11(1)
ALH 84211	49.2	H-6 CHONDRITE	C	B/C	20	MWG	10(2)
ALH 84212	7.1	L-6 CHONDRITE	B/C	A	19	MWG	11(1)
ALH 84213	6.7	H-5 CHONDRITE	B	A/B	18	MWG	10(2)
ALH 84214	4.9	H-6 CHONDRITE	B/C	A	16	MWG	11(1)
ALH 84215	9.2	H-6 CHONDRITE	B/C	A	18	MWG	10(2)
ALH 84216	5.5	H-5 CHONDRITE	B/C	A	16	MWG	11(1)
ALH 84217	2.7	H-5 CHONDRITE	C	A/B	18	NMNH	9(3)
ALH 84218	33.0	L-6 CHONDRITE	A/B	A	16	MWG	11(1)
ALH 84219	9.8	L-6 CHONDRITE	C	A		MWG	10(2)
ALH 84220	8.4	E-4 CHONDRITE	C	B	1-4	MWG	11(1)
ALH 84221	16.4	H-5 CHONDRITE	C	A	16	MWG	11(1)
ALH 84222	9.9	H-5 CHONDRITE	C	A	17	MWG	11(1)
ALH 84223	10.6	H-5 CHONDRITE	C	A	16	MWG	11(1)
ALH 84224	7.2	H-6 CHONDRITE	C	A/B	16	MWG	11(1)
ALH 84225	8.7	H-5 CHONDRITE	B	B	18	MWG	11(1)
ALH 84226	27.6	H-5 CHONDRITE	B	A	16	MWG	11(1)
ALH 84227	12.1	H-5 CHONDRITE	C	B/C	17	MWG	11(1)
ALH 84228	9.8	H-5 CHONDRITE	B/C	B	15	NMNH	9(3)
ALH 84229	6.9	L-6 CHONDRITE	B	A	16	MWG	11(1)
ALH 84230	2.4	H-4 CHONDRITE	B	A	18	MWG	10(2)
ALH 84231	42.6	L-6 CHONDRITE	B	B	14-19	MWG	9(3)
ALH 84232	9.9	H-4 CHONDRITE	C	B	17	MWG	10(2)
ALH 84233**	13.6	IRON-(UNGR) WSIL, INC.	e	B	14-20	MWG	11(1)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALH 84234	3.9	L-6 CHONDRITE	A	B					MWG		11(2)
ALH 84235	6.0	E-4 CHONDRITE	C	B/C		5-2.3			MWG		11(1)
ALH 84236	32.3	H-5 CHONDRITE	B	B	18	16			MWG		9(3)
ALH 84237	7.5	H-5 CHONDRITE	C	B	17	15			MWG		11(1)
ALH 84238	1.9	L-6 CHONDRITE	B	B					MWG		10(2)
ALH 84239	14.7	H-5 CHONDRITE	B	A	18	16			MWG		11(1)
ALH 84240	25.9	H-5 CHONDRITE	C	A	18	16			MWG		11(1)
ALH 84241	16.7	H-5 CHONDRITE	C	B	17	15			MWG		11(1)
ALH 84242	16.9	H-6 CHONDRITE	C	B	19	17			MWG		11(1)
ALH 84243	48.9	H-6 CHONDRITE	C _e	A					MWG		10(2)
ALH 84244	33.5	L-6 CHONDRITE	B	A	17	15			MWG		10(2)
ALH 84245	18.9	H-5 CHONDRITE	B	A	18	16			NMNH		9(3)
ALH 84246	1.8	H-5 CHONDRITE	A/B	B					MWG		11(1)
ALH 84247	49.6	L-6 CHONDRITE	A/B	B	19	16			MWG		10(2)
ALH 84248	4.9	H-5 CHONDRITE	B	B	18	16			MWG		11(1)
ALH 84249	23.4	H-5 CHONDRITE	B/C	A/B	18	16			MWG		11(1)
ALH 84250	10.0	E-4 CHONDRITE	B	A	18	16	0.5-4		MWG		9(3)
ALH 84251	34.3	H-5 CHONDRITE	B/C	B	18	16			MWG		11(1)
ALH 84252	3.1	H-6 CHONDRITE	B/C	B	18	16			NMNH		9(3)
ALH 84253	7.1	H-5 CHONDRITE	B/C	A	18	16			MWG		11(1)
ALH 84254	2.0	E-4 CHONDRITE	B/C	A	18	16	0.3-4		MWG		9(3)
ALH 84255	11.3	LL-6 CHONDRITE	B	A	28	24			NMNH		10(2)
ALH 84256	3.0	L-6 CHONDRITE	B	B					MWG		10(2)
ALH 84257	18.8	H-6 CHONDRITE	B	B					MWG		10(2)
ALH 84258	2.6	L-5 CHONDRITE	B	A	25	21			MWG		11(1)
ALH 84259	23.1	H-5 CHONDRITE	C	B/C	18	16			MWG		11(1)
ALH 84260	14.6	H-5 CHONDRITE	B	A	19	16			MWG		11(1)
ALH 84261	5.1	L-6 CHONDRITE	A	A					MWG		10(2)
ALH 84262	15.3	H-6 CHONDRITE	C	B	17	15			NMNH		9(3)
ALH 84263	4.6	H-5 CHONDRITE	C	A	18	16			MWG		11(1)
ALH 84264	137.6	L-6 CHONDRITE	A	A	24	21			MWG		9(3)
ALH 85001	212.3	EUCRITE	A/B	A/B	30	32			MWG		9(3)
ALH 85002	437.7	CARBONACEOUS C4	A	A	1-56	0.5-23			MWG		10(1)
ALH 85003	50.1	CARBONACEOUS C30	A/B	A					MWG		10(1)
ALH 85004	8.4	CARBONACEOUS C2	B	C					MWG		9(3)
ALH 85005	18.9	CARBONACEOUS C2	A	A	0.5-39	9-2.2			MWG		9(3)
ALH 85006	49.0	CARBONACEOUS C3V	A	A	0.3-43	9-4.9			MWG		9(3)
ALH 85007	82.0	CARBONACEOUS C2	B	B	0.3-30				MWG		9(3)
ALH 85008	32.1	CARBONACEOUS C2	B	A/B	0.3-45	9-2.5			MWG		9(3)
ALH 85009	46.6	CARBONACEOUS C2	A	B	0.4-59	8-1.6			MWG		9(3)

ALH 85010	3.2	CARBONACEOUS C2	A/B	A	0.7-28	3-20	MWG	10(1)
ALH 85011	10.7	CARBONACEOUS C2	A/B	A	0.6-39	8-2.5	MWG	10(1)
ALH 85012	3.9	CARBONACEOUS C2	Be	B	0.5-18	0.7-46	MWG	10(1)
ALH 85013	130.4	CARBONACEOUS C2	A	A/B	0.5-36		MWG	9(3)
ALH 85014	75.0	L-6 CHONDRITE	A	A	25	21	MWG	9(3)
ALH 85015	3.2	DIAGENITE	A	A	39	25	MWG	9(3)
ALH 85016	1412.0	L-6 CHONDRITE	A/B	A	23	20	MWG	10(1)
ALH 85017	2361.4	L-6 CHONDRITE	A	A	24	20	MWG	10(1)
ALH 85018	811.8	H-6 CHONDRITE	B	A	17	15	MWG	10(1)
ALH 85019	632.8	LL-6 CHONDRITE	A	A	28	23	MWG	10(1)
ALH 85020	744.3	H-6 CHONDRITE	B	B	17	15	MWG	10(1)
ALH 85021	646.8	H-5 CHONDRITE	Be	B	17	15	MWG	10(1)
ALH 85022	951.5	L-6 CHONDRITE	B	A	24	20	MWG	10(1)
ALH 85023	438.5	H-6 CHONDRITE	B/C	A	18	16	MWG	10(1)
ALH 85024	387.7	H-5 CHONDRITE	B/C	A/B	18	15	MWG	10(1)
ALH 85025	713.0	H-5 CHONDRITE	C	A/B	18	16	MWG	10(1)
ALH 85026	817.1	L-6 CHONDRITE	A	A	24	21	MWG	10(1)
ALH 85027	370.4	L-6 CHONDRITE	B	A	24	20	MWG	10(1)
ALH 85028	325.7	H-6 CHONDRITE	C	B	19	17	MWG	10(1)
ALH 85029	388.8	L-6 CHONDRITE	A/B	A	24	21	MWG	10(1)
ALH 85030	619.7	H-6 CHONDRITE	B/C	A	17	15	MWG	10(1)
ALH 85031	200.6	H-6 CHONDRITE	B/C	A	17	15	MWG	10(1)
ALH 85032	424.2	H-6 CHONDRITE	C	A	17	15	MWG	10(1)
ALH 85033	249.8	L-4 CHONDRITE	A	A	23	6-24	MWG	10(1)
ALH 85034	343.9	L-6 CHONDRITE	A	A/B	24	21	MWG	10(1)
ALH 85035	420.1	LL-6 CHONDRITE	C	B	27	23	MWG	10(1)
ALH 85036	231.5	H-6 CHONDRITE	C	A	19	16	MWG	10(1)
ALH 85037	141.2	H-6 CHONDRITE	B/Ce	B	18	16	MWG	10(2)
ALH 85038	124.9	H-5 CHONDRITE	B/C	A	17	15	MWG	10(2)
ALH 85039	140.2	L-6 CHONDRITE	A	A	23	20	MWG	10(2)
ALH 85040	95.7	L-6 CHONDRITE	B	A/B	18	16	MWG	10(2)
ALH 85041	168.0	H-6 CHONDRITE	C	B/C	17	15	MWG	10(2)
ALH 85042	127.9	H-5 CHONDRITE	B/C	A	18	16	MWG	10(2)
ALH 85043	204.7	H-5 CHONDRITE	B	A	18	16	MWG	10(2)
ALH 85044	104.8	H-6 CHONDRITE	C	B	18	16	MWG	10(2)
ALH 85045	145.0	L-3 CHONDRITE	A/B	A	22-26	13-22	MWG	10(2)
ALH 85046	148.9	L-6 CHONDRITE	B	A/B	23	20	MWG	10(2)
ALH 85047	4.2	L-6 CHONDRITE	B	A	18	16	MWG	10(2)
ALH 85048	16.9	H-5 CHONDRITE	C	A/B	18	16	MWG	10(2)
ALH 85049	4.8	L-6 CHONDRITE	B/C	A			MWG	10(2)
ALH 85050	0.9	L-6 CHONDRITE	A	A/B			MWG	10(2)
ALH 85051	4.9	H-5 CHONDRITE	B/C	A	18	16	MWG	11(2)
ALH 85052	17.4	H-6 CHONDRITE	A/B	A	18	16	MWG	11(2)
ALH 85053	0.5	L-4 CHONDRITE	C	A	25	14-20	MWG	10(2)
ALH 85054	55.3	H-5 CHONDRITE	C	A/B	18	16	MWG	12(1)
ALH 85055	5.8	H-5 CHONDRITE	C	A	18	16	MWG	12(1)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (rad@ 250°C)	CUSTODY	REFERENCES	
				WEATHERING	FRACTURING						SI	AMN
ALH 85056	7.5	H-5 CHONDRITE	C	A	A	18	16		2.5±0.1	MWG		11(2)
ALH 85057	0.8	LL-6 CHONDRITE	A	A	A					MWG		10(2)
ALH 85058	0.3	L-4 CHONDRITE	A/B	A	A	25	17-19		50±4	MWG		11(2)
ALH 85059	8.8	LL-6 CHONDRITE	A	A	A					MWG		10(2)
ALH 85060	0.5	L-6 CHONDRITE	B	A	A					MWG		10(2)
ALH 85061	2.0	L-6 CHONDRITE	A/B	B	B					MWG		10(2)
ALH 85062	167.3	L-3 CHONDRITE	B/Ce	A/B	A/B	1-25	3-19		59±6	MWG		10(2)
ALH 85063	12.7	L-6 CHONDRITE	B	B	B				9.0±0.2	MWG		10(2)
ALH 85064	3.7	L-6 CHONDRITE	C	B	B					MWG		10(2)
ALH 85066	8.0	LL-6 CHONDRITE	B	B	A/B	28	23		77±2	MWG		10(2)
ALH 85067	1.3	H-5 CHONDRITE	B	A	A	18	16			MWG		11(2)
ALH 85068	3.6	H-5 CHONDRITE	C	B	B	18	16			MWG		11(2)
ALH 85069	4.6	H-6 CHONDRITE	B	B	B	19	16			MWG		11(2)
ALH 85070	12.9	L-3 CHONDRITE	A/B	A	A	4-25	1-29		104±2	MWG		11(2)
ALH 85071	18.7	H-5 CHONDRITE	C	B	B	18	16		5.3±0.1	MWG		11(2)
ALH 85072	4.3	H-6 CHONDRITE	C	B	B					MWG		10(2)
ALH 85073	15.6	LL-6 CHONDRITE	A/B	A	A	18	16		74.2±0.8	MWG		10(2)
ALH 85074	3.3	H-5 CHONDRITE	C	A	A					MWG		11(2)
ALH 85075	36.4	L-6 CHONDRITE	B	A/B	A/B				45.9±0.7	MWG		10(2)
ALH 85076	78.3	L-6 CHONDRITE	Be	B	B				16.9±0.4	MWG		10(2)
ALH 85077	12.0	H-5 CHONDRITE	B/C	A	A	18	16		8.3±0.2	MWG		11(2)
ALH 85078	1.2	L-6 CHONDRITE	C	B/C	B/C	23	20			MWG		11(2)
ALH 85079	83.1	LL-6 CHONDRITE	A/B	B	B				92±1	MWG		10(2)
ALH 85080	54.2	L-6 CHONDRITE	B	B	B				57±5	MWG		10(2)
ALH 85081	12.2	H-6 CHONDRITE	B	B/C	B/C					MWG		11(2)
ALH 85082	19.4	L-6 CHONDRITE	A/B	B	B	18	16			MWG		10(2)
ALH 85083	92.9	L-6 CHONDRITE	A/B	B	B				14.7±0.4	MWG		10(2)
ALH 85084	18.4	LL-6 CHONDRITE	B	A/B	A/B				52±5	MWG		10(2)
ALH 85085**	11.9	CARBONACEOUS (UNIQUE)	A/B	A/B	A/B	1-5	1-4		45±2	MWG		10(2)
ALH 85086	12.2	H-5 CHONDRITE	B/C	A	A	18	16			MWG		10(2)
ALH 85087	11.3	L-6 CHONDRITE	A/B	B	B				54±4	MWG		12(1)
ALH 85088	0.4	H-5 CHONDRITE	C	A	A	18	16		34±2	MWG		10(2)
ALH 85089	1.5	H-5 CHONDRITE	B/C	B	B					MWG		12(1)
ALH 85090	10.5	L-6 CHONDRITE	B/C	A	A	18	16			MWG		12(1)
ALH 85091	31.1	H-5 CHONDRITE	B/C	A	A	18	16		80±4	MWG		10(2)
ALH 85092	25.6	L-5 CHONDRITE	A/B	A	A	23	19		24±2	MWG		12(1)
ALH 85093	11.5	L-6 CHONDRITE	B	A/B	A/B					MWG		10(2)
ALH 85094	8.7	H-6 CHONDRITE	C	A	A					MWG		10(2)
ALH 85095	32.5	L-6 CHONDRITE	B	A	A				96±2	MWG		10(2)
ALH 85096	3.1	L-6 CHONDRITE	A	A	A					MWG		10(2)

ALH 85097	61.4	H-5 CHONDRITE	B/C	B	18	16	93±2	MWG	12(1)
ALH 85098	6.8	H-5 CHONDRITE	C	A	18	16	5.6±0.2	MWG	12(1)
ALH 85099	7.1	H-5 CHONDRITE	B/C	A	18	16		MWG	12(1)
ALH 85100	57.7	H-5 CHONDRITE	B	A	18	16	57±2	MWG	12(1)
ALH 85101	8.1	L-6 CHONDRITE	B	B	18	16		MWG	12(1)
ALH 85102	12.6	H-5 CHONDRITE	B	A	18	16	1.7±0.2	MWG	12(1)
ALH 85103	86.9	L-6 CHONDRITE	A	B	17	15	58±1	MWG	12(1)
ALH 85104	98.9	H-5 CHONDRITE	B/C	B	17	15	0.56±0.09	MWG	12(1)
ALH 85105	12.4	L-6 CHONDRITE	A/B	B	0.3-30		60±1	MWG	12(1)
ALH 85106	2.7	CARBONACEOUS C2	B	A	18	16	19.1±0.6	MWG	10(2)
ALH 85107	36.6	H-5 CHONDRITE	B/C	A	17	15	2±1	MWG	12(1)
ALH 85108	14.6	H-6 CHONDRITE	C	A	17	15		MWG	12(1)
ALH 85109	20.7	H-6 CHONDRITE	Ce	A	17	15	148±2	MWG	10(2)
ALH 85110	22.2	H-5 CHONDRITE	B	B/C	17	15		MWG	12(1)
ALH 85111	12.9	H-5 CHONDRITE	C	B	18	16		MWG	12(1)
ALH 85112	23.0	H-5 CHONDRITE	A/B	B/C			48.0±0.5	MWG	10(2)
ALH 85113	39.9	L-6 CHONDRITE	A/B	B	18	16		MWG	10(2)
ALH 85114	11.4	H-5 CHONDRITE	C	A	18	16	8.92±0.07	MWG	10(2)
ALH 85115	21.9	L-6 CHONDRITE	B	C			10±1	MWG	10(2)
ALH 85117	27.8	H-6 CHONDRITE	B/C	A/B	24	21	38.0±0.3	MWG	10(2)
ALH 85118	48.0	L-5 CHONDRITE	B/Ce	A	18	16	-±-	MWG	10(2)
ALH 85119	20.6	E-4 CHONDRITE	Be	B/C	18	16	10.1±0.1	MWG	10(2)
ALH 85120	8.2	H-5 CHONDRITE	C	B	9-20	3-31		MWG	12(1)
ALH 85121	55.3	H-3 CHONDRITE	B	B/C	19	16		MWG	11(2)
ALH 85122	61.2	H-5 CHONDRITE	B	B	23	20	1.9±0.4	MWG	12(1)
ALH 85123	15.3	L-5 CHONDRITE	B	B	17	15	74±2	MWG	10(2)
ALH 85124	63.5	L-6 CHONDRITE	B	B	17	15	6.9±0.3	MWG	10(2)
ALH 85125	18.8	H-5 CHONDRITE	B/C	A/B	17	15	10.1±0.1	MWG	12(1)
ALH 85126	46.5	H-5 CHONDRITE	B/C	B	17	15		MWG	12(1)
ALH 85127	10.0	H-6 CHONDRITE	C	A/B	19	17	1.5±0.2	MWG	12(1)
ALH 85128	16.1	H-6 CHONDRITE	C	A			4.3±0.1	MWG	10(2)
ALH 85129	127.4	LL-6 CHONDRITE	A/B	A	18	16	36±2	MWG	10(2)
ALH 85130	99.7	H-6 CHONDRITE	B	A/B				MWG	10(2)
ALH 85131	34.2	L-6 CHONDRITE	B	B	17	15	32.2±0.5	MWG	10(2)
ALH 85132	49.3	L-6 CHONDRITE	A/B	A/B	17	15	13±1	MWG	10(2)
ALH 85133	90.6	H-5 CHONDRITE	B	A/B	18	16	57±4	MWG	12(1)
ALH 85134	10.4	H-5 CHONDRITE	C	A	17	15		MWG	12(1)
ALH 85135	11.6	LL-6 CHONDRITE	B/C	A	17	15	43.6±0.5	MWG	10(2)
ALH 85136	75.3	H-6 CHONDRITE	B	B	17	15	20±1	MWG	12(1)
ALH 85137	6.7	LL-6 CHONDRITE	A/B	B/C			2.0±0.3	MWG	10(2)
ALH 85138	18.0	LL-6 CHONDRITE	B	A/B	17	15		MWG	10(2)
ALH 85139	26.0	H-6 CHONDRITE	B	B	19	16		MWG	12(1)
ALH 85140	9.1	H-6 CHONDRITE	B/C	A	18	16		MWG	12(1)
ALH 85141	10.6	H-5 CHONDRITE	C	A	17	16	21.5±0.4	MWG	12(1)
ALH 85142	50.8	H-5 CHONDRITE	B/C	B	17	16	26.2±0.2	MWG	12(1)
ALH 85143	17.9	H-5 CHONDRITE	C	A	19	16	5.7±0.1	MWG	12(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@250°C)	CUSTODY	REFERENCES	
										SI	AMN
ALH 85144	18.3	H-5 CHONDRITE	B	A	18	16		96±2	MWG		12(1)
ALH 85145	45.6	H-5 CHONDRITE	C	A/B	18	16			MWG		12(1)
ALH 85146	39.7	H-5 CHONDRITE	A/B	A	18	16		59±2	MWG		12(1)
ALH 85147	3.0	L-6 CHONDRITE	B	A					MWG		10(2)
ALH 85148	3.6	H-6 CHONDRITE	A	A					MWG		10(2)
ALH 85149	16.9	L-6 CHONDRITE	B/C	A/B					MWG		10(2)
ALH 85150	13.0	L-5 CHONDRITE	B	B	24	19			MWG		12(1)
ALH 85151	13.9	CARBONACEOUS C4	B	A/B	0.4-41	6-30		155±2	MWG		10(2)
ALH 85152	36.4	LL-6 CHONDRITE	A/B	B				88±2	MWG		10(2)
ALH 85153	0.4	H-4 CHONDRITE	B	A	18	16-21			MWG		10(2)
ALH 85154	4.9	LL-6 CHONDRITE	A/B	A					MWG		10(2)
ALH 85155	18.5	L-3 CHONDRITE	A/B	A	8-28	4-20		104±17	MWG		10(2)
ALH 85156	32.0	H-6 CHONDRITE	C	A	19	16		8.8±0.2	MWG		12(1)
ALH 85157	20.1	L-6 CHONDRITE	B	A					MWG		10(2)
ALH 85158	2.9	LL-6 CHONDRITE	B	B					MWG		10(2)
ALH 85159	11.0	E-4 CHONDRITE	B/C	B		.3-1.8			MWG		10(2)
ALH 86600	411.1	L-6 CHONDRITE	B	B	24	21		25.4±0.5	MWG		11(1)
ALH 86601	309.0	H-5 CHONDRITE	B	B/C	18	16		4±0.4	MWG		11(1)
ALH 86602	264.5	L-6 CHONDRITE	B	A	24	20		10.0±0.2	MWG		11(1)
ALH 86603	104.5	H-5 CHONDRITE	A/B	A	18	16		80±2	MWG		11(2)
ALH 86604	12.8	L-6 CHONDRITE	B/C	A	24	20			MWG		11(2)
ALH 86605	4.5	H-5 CHONDRITE	B/C	A	17	15			MWG		11(2)
ALH 86606	2.9	H-6 CHONDRITE	C	A	18	16			MWG		11(2)
ALH 86607	9.8	L-6 CHONDRITE	B/C	A					MWG		11(2)
ALH 86608	7.8	L-6 CHONDRITE	A/B	A	23	20			MWG		11(2)
ALH 86609	0.8	L-5 CHONDRITE	C	A	18	16			MWG		11(2)
ALH 86610	9.3	H-5 CHONDRITE	C	A	19	17			MWG		11(2)
ALH 86611	1.5	H-5 CHONDRITE	B	A/B	18	16		19.6±0.3	MWG		12(1)
ALH 86612	8000.0	L-6 CHONDRITE	A/B	A					MWG		12(1)
ALH 87900	21.5	L-6 CHONDRITE	C	A	23	9-24			MWG		12(1)
ALH 87901	77.3	L-4 CHONDRITE	B/C	A	23	9-24			MWG		12(1)
ALH 87902	32.2	L-4 CHONDRITE	A/B	A	31	24			MWG		12(1)
ALH 87903	27.2	L-6 CHONDRITE	C	A	18	16			MWG		12(1)
ALH 87904	28.3	LL-6 CHONDRITE	A	A	24	16		43±3	MWG		10(2)
ALH 87905	51.6	H-6 CHONDRITE	C	B	24	21			NMNH	24,19	3(2)
ALH 87906	140.6	L-6 CHONDRITE	B				65±4				4(1)
BOW 85800	160.7										
BITNA78001											

BTNA78002	4301.0	L-6 CHONDRITE	B	A	24	20		NMNH	24, 19	3(1) 4(1)
BTNA78004	1079.0	LL-6 CHON.(BRECCIATED)	B	A	30	24	49±3	MWG	24, 19	3(1) 4(1)
BTNA78005	81.8	H-6 CHONDRITE	B	B	18	16	40±2	MWG		9(2)
DOM 85500	59.8	H-5 CHONDRITE	B	A/B	18	16		MWG		9(3)
DOM 85501	126.2	H-5 CHONDRITE	C	A	17	15		MWG		10(1)
DOM 85502	302.2	L-6 CHONDRITE	B	B	24	21		MWG		10(1)
DOM 85503	719.7	L-6 CHONDRITE	A	B	25	21		MWG		10(1)
DOM 85504	120.6	L-4 CHONDRITE	B/C	A	24	18-21		MWG		10(1)
DOM 85505	31.4	LL-5 CHONDRITE	B	B	26	22		MWG		10(2)
DOM 85506	58.8	LL-5 CHONDRITE	A/B	B				MWG		10(2)
DOM 85507	189.9	H-5 CHONDRITE	C	B	19	17		MWG		10(2)
DOM 85508	14.0	H-6 CHONDRITE	C	A	19	17		MWG		10(2)
DOM 85509	76.1	L-6 CHONDRITE	B/C	B				MWG		10(2)
DOM 85510	31.7	L-6 CHONDRITE	B/C	A				MWG		10(2)
DRPA78001	15200.0	FRON-GROUP IIB						NIPR		2(1) 4(1)
DRPA78002	7188.0	FRON-GROUP IIB	e					NMNH	24, 19	2(1) 4(1)
DRPA78003	144.2	FRON-GROUP IIB	e					NIPR		2(1) 4(1)
DRPA78004	133.6	FRON-GROUP IIB						NMNH	24, 19	2(1) 4(1)
DRPA78005	18600.0	FRON-GROUP IIB	e					NMNH	24, 19	2(1) 4(1)
DRPA78006	389.3	FRON-GROUP IIB						NMNH	24, 19	2(1) 4(1)
DRPA78007	11800.0	FRON-GROUP IIB						NIPR		2(1) 3(1) 4(1)
DRPA78008	59400.0	FRON-GROUP IIB						NMNH	24, 19	2(1) 3(1)
DRPA78009	138100.0	FRON-GROUP IIB						NMNH	24, 19	2(1) 4(1)
EETA79001	7942.0	SHERGOTTITE	Ae	A	23-27	16-67	23±3	MWG	24, 19	3(3) 4(1)
EETA79002	2843.0	DIAGENITE	B	B	24-25	22		MWG	24, 19	9(1) 3(3)
EETA79003	435.6	L-6 CHONDRITE	B	B	24	20	47±3	MWG	24, 19	4(1)
EETA79004**	390.3	EUCRITE (POLYMCT)	B	B	30-61			MWG	24, 19	3(3) 4(1)

4.0±0.5
34±2
36.3±0.8
52±1
14.6±0.3
56±1
20.6±0.7
54.1±0.7
63±2

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EETA79005	450.9	EUCRITE (POLYMCT)	A	B		30-61	63±3		MMG	24, 19	3(3)
EETA79006	716.4	HOWARDITE	B	B		19-57			MMG	24, 19	4(1)
EETA79007	199.9	H-5 CHONDRITE	B	B	18	16	47±3		MMG	24, 19	3(3)
EETA79009	140.3	L-5 CHONDRITE	B	B	24	20			MMG	28, 29	4(1)
EETA79010	287.3	L-6 CHONDRITE	B	C	24	20	67±4		MMG	24, 19	4(1)
EETA79011	86.4	EUCRITE (POLYMCT)	B	B		30-61	79±6		MMG	24, 19	3(3)
EET 82600	247.1	HOWARDITE	Ae	B		22-53			MMG	28, 29	4(1)
EET 82601	149.5	L-3 CHONDRITE	B/C	A	2-39	1-35			MMG	28, 29	6(2)
EET 82602	1824.1	H-4 CHONDRITE	B	B	19	16			MMG	28, 29	7(2)
EET 82603	8210.0	H-5 CHONDRITE	Be	A	19	17			MMG	28, 29	7(1)
EET 82604	1570.6	H-5 CHONDRITE	B/C	B	19	16			MMG	28, 29	7(1)
EET 82605	624.6	L-6 CHONDRITE	B	A	25	21			MMG	28, 29	7(1)
EET 82606	981.9	L-6 CHONDRITE	B	B	25	21			MMG	28, 29	7(1)
EET 82607	165.3	L-6 CHONDRITE	B/C	A	23	20			MMG	28, 29	7(1)
EET 82608	94.5	LL-6 CHONDRITE	A/B	A	28	23			MMG	28, 29	7(1)
EET 82609	325.5	H-4 CHONDRITE	B/C	A/B	18	17			MMG	28, 29	7(2)
EET 82610	42.1	H-6 CHONDRITE	B	A	19	17			MMG	28, 29	7(1)
EET 82611	12.6	L-4 CHONDRITE	B	B	24	21			MMG	28, 29	7(2)
EET 82612	31.6	L-6 CHONDRITE	A	A	25	21			MMG	28, 29	7(2)
EET 82613	4.2	L-4 CHONDRITE	B	A	24	20			MMG	28, 29	7(2)
EET 82614	8.4	H-5 CHONDRITE	A/B	A	18	16			MMG	28, 29	7(2)
EET 82615	29.3	H-6 CHONDRITE	B	A	19	17			NMINH	28, 29	7(2)
EET 82616	2.1	H-4 CHONDRITE	B/C	A	18	16			MMG	28, 29	7(2)
EET 83200	778.8	H-5 CHONDRITE	B/C	B	17-18	17-19			MMG	28, 29	7(2)
EET 83201	1059.8	H-6 CHONDRITE	B/C	A	18-20	18			MMG	28, 29	8(1)
EET 83202	1213.2	L-6 CHONDRITE	A/B	B	24-25	22-23			MMG	28, 29	8(1)
EET 83203	545.6	H-5 CHONDRITE	B/C	B/C	20	18-21			MMG	28, 29	8(1)
EET 83204	376.6	LL-6 CHONDRITE	A	A	29-31	27			MMG	28, 29	8(1)
EET 83205	470.8	L-6 CHONDRITE	A/B	B	25	22			MMG	28, 29	8(1)
EET 83206	461.9	L-6 CHONDRITE	B	A	24	22			MMG	28, 29	8(1)
EET 83207	1238.3	H-4 CHONDRITE	B	B	18	16-18			MMG	28, 29	8(1)
EET 83208	263.0	H-5 CHONDRITE	B/C	B	17-19	16-17			MMG	28, 29	8(1)
EET 83209	520.0	L-6 CHONDRITE	B/C	A	25	22-23			MMG	28, 29	8(1)
EET 83210	425.6	L-6 CHONDRITE	A/B	B	24-25	22			MMG	28, 29	8(1)
EET 83211	542.7	H-4 CHONDRITE	B/Ce	B/C	18-20	16-20			MMG	28, 29	8(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EET 83259	4.1	L-6 CHONDRITE	B/C	A	24	20			MWG		10(2)
EET 83260	15.4	L-3 CHONDRITE	A	A	7-19	5-25			MWG		9(2)
EET 83261	54.5	L-6 CHONDRITE	A	A					MWG		10(2)
EET 83262	23.9	H-5 CHONDRITE	A	A	17	16			MWG		9(2)
EET 83263	10.2	H-6 CHONDRITE	C	B/C	19	17			MWG		10(2)
EET 83264	17.5	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83265	54.9	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83266	55.9	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83267	27.7	H-3 CHONDRITE	B	C	13-23	12-20			MWG		9(2)
EET 83268	19.5	L-6 CHONDRITE	C	A	24	20			MWG		10(2)
EET 83269	8.5	L-5 CHONDRITE	A/B	A/B	23	19			NMNH		9(2)
EET 83270	2.4	H-6 CHONDRITE	C	B	19	16			MWG		10(2)
EET 83271	67.3	L-6 CHONDRITE	A/B	A	24	21			MWG		9(2)
EET 83272	34.5	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83273	146.6	LL-6 CHONDRITE	A/B	A	5-28	5-15			MWG		10(2)
EET 83274	82.7	L-3 CHONDRITE	B	A					MWG		9(2)
EET 83275	85.8	H-6 CHONDRITE	B	A					MWG		10(2)
EET 83276	48.9	L-6 CHONDRITE	B	B	24	20			MWG		9(2)
EET 83277	52.7	L-5 CHONDRITE	A/B	A	23	19			MWG		10(2)
EET 83278	71.9	H-5 CHONDRITE	B	A	17	15			MWG		10(2)
EET 83279	35.6	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83280	29.1	L-6 CHONDRITE	B/C	A					MWG		10(2)
EET 83281	51.0	H-6 CHONDRITE	C	B	18	16			MWG		10(2)
EET 83282	78.9	H-5 CHONDRITE	B/C	B	18	16			MWG		10(2)
EET 83283	57.3	EUCRITE (POLYMACT)	B	B					MWG	28,29	8(1)
EET 83284	53.3	L-6 CHONDRITE	B	A					MWG		10(2)
EET 83285	3.2	H-5 CHONDRITE	B	B	18	16			NMNH		9(1)
EET 83286	33.6	L-6 CHONDRITE	B	B					MWG		10(2)
EET 83287	46.0	H-5 CHONDRITE	B	B	17	15			MWG		10(2)
EET 83288	37.7	H-6 CHONDRITE	C	B					MWG		10(2)
EET 83289	7.8	L-6 CHONDRITE	B	B	24	20			NMNH		9(1)
EET 83290	1.4	LL-6 CHONDRITE	B	A	29	25			NMNH		9(1)
EET 83291	4.7	L-5 CHONDRITE	B/C	B	24	21			MWG		10(2)
EET 83292	9.3	H-5 CHONDRITE	B/C	B	18	16			NMNH		9(1)
EET 83293	18.6	H-5 CHONDRITE	B	A/B	18	16			MWG		10(2)
EET 83294	82.4	L-6 CHONDRITE	B	B					MWG		10(2)
EET 83295	27.9	H-6 CHONDRITE	B	A/B	18	16			MWG		9(1)
EET 83296	62.9	L-6 CHONDRITE	A/B	A					MWG		10(2)
EET 83297	17.5	L-6 CHONDRITE	B/C	A					MWG		10(2)
EET 83298	8.9	L-6 CHONDRITE	C	A	24	20			MWG		10(2)

EET 83299	6.3	H-6 CHONDRITE	C	B/C	19	17	MWG	10(2)
EET 83300	115.1	H-5 CHONDRITE	C	B	18	16	MWG	10(1)
EET 83301	87.0	L-6 CHONDRITE	B	A			MWG	10(2)
EET 83302	130.4	L-6 CHONDRITE	A/B	A			MWG	10(2)
EET 83303	11.8	H-5 CHONDRITE	B/C	A	18	15	NMNH	9(1)
EET 83304	37.3	L-6 CHONDRITE	A/B	B			MWG	10(2)
EET 83305	167.0	H-5 CHONDRITE	B	B/C	17	15	MWG	9(1)
EET 83306	41.8	L-6 CHONDRITE	B	A	23	20	MWG	10(2)
EET 83307	4.8	E-4 CHONDRITE	C	B	2-5	0.5-5	MWG	9(1)
EET 83308	136.9	L-5 CHONDRITE	B	A	22	18	MWG	9(1)
EET 83309**	60.8	UREILITE	C	B	11-21	4-14	MWG	9(1)
EET 83310	64.2	H-6 CHONDRITE	C	A	18	16	MWG	10(2)
EET 83311	15.3	CARBONACEOUS C4	A/B	A/B	31		MWG	10(2)
EET 83312	93.0	L-6 CHONDRITE	B	B	24	20	MWG	9(1)
EET 83314	23.7	L-6 CHONDRITE	B	A			MWG	10(2)
EET 83315	113.5	L-6 CHONDRITE	B/C	B			MWG	10(2)
EET 83316	51.1	L-6 CHONDRITE	B/C	A	23	20	MWG	10(2)
EET 83317	119.0	L-6 CHONDRITE	B	A	23	19	MWG	10(1)
EET 83318	54.9	L-4 CHONDRITE	A/B	A			MWG	9(1)
EET 83319	7.2	L-6 CHONDRITE	C	B			MWG	10(2)
EET 83320	56.3	H-6 CHONDRITE	C	B	18	16	MWG	10(2)
EET 83321	11.0	H-6 CHONDRITE	C	A	18	16	MWG	10(2)
EET 83322	14.3	E-4 CHONDRITE	A/B	B			MWG	9(1)
EET 83323	140.5	L-6 CHONDRITE	B	B	23	20	MWG	10(1)
EET 83324	142.8	H-5 CHONDRITE	B/C	B	17	15	MWG	9(1)
EET 83325	93.4	L-6 CHONDRITE	C	B			MWG	10(2)
EET 83326	112.6	H-5 CHONDRITE	C	B	17	15	MWG	10(1)
EET 83328	88.1	L-6 CHONDRITE	B/C	A			MWG	10(2)
EET 83329	67.7	L-4 CHONDRITE	B	A	22	5-21	MWG	9(1)
EET 83330	49.2	L-6 CHONDRITE	B	A			MWG	10(2)
EET 83331	0.3	H-5 CHONDRITE	B/C	A	17	15	MWG	10(2)
EET 83333**	188.6	IRON-GROUP IAB	A	A			MWG	9(1)
EET 83334	2.5	CARBONACEOUS C2	A/B	A	23	20	MWG	10(2)
EET 83335	226.9	L-6 CHONDRITE	B/C	B			MWG	9(1)
EET 83336	130.0	L-6 CHONDRITE	C	B	18	16	MWG	10(2)
EET 83338	26.6	H-5 CHONDRITE	B	B			MWG	10(2)
EET 83339	72.7	L-6 CHONDRITE	B	B	26	22	MWG	10(2)
EET 83340	15.2	L-5 CHONDRITE	B	B			MWG	10(2)
EET 83341	65.0	LL-6 CHONDRITE	B	B	23	20	MWG	10(2)
EET 83342	148.6	L-6 CHONDRITE	B	B	23	20	MWG	10(1)
EET 83343	125.1	L-6 CHONDRITE	B	A			MWG	10(1)
EET 83344	87.1	L-6 CHONDRITE	C	A	24	20	MWG	10(2)
EET 83345	11.8	L-6 CHONDRITE	C	A	18	16	MWG	10(2)
EET 83346	21.5	H-5 CHONDRITE	B	B	17	15	MWG	10(2)
EET 83347	37.2	H-5 CHONDRITE	C	A			MWG	10(2)
EET 83348	299.2	L-6 CHONDRITE	A/B	A	23	20	MWG	9(1)

28.61

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				A/B	B						SI	AMN
EET 83349	27.5	H-5 CHONDRITE	C		B	19	16			MWG	SI	10(2)
EET 83350	88.7	L-6 CHONDRITE	A/B		A					MWG		10(2)
EET 83351	80.8	H-5 CHONDRITE	B		B	18	16			MWG		10(2)
EET 83352	20.4	LL-6 CHONDRITE	B/C		B					MWG		10(2)
EET 83353	53.8	L-6 CHONDRITE	A/B		B					MWG		10(2)
EET 83354	8.4	L-6 CHONDRITE	C		B	24	20			MWG		10(2)
EET 83355	66.2	CARBONACEOUS C2	A/B		B	0-28	0-9			MWG		10(2)
EET 83356	18.2	L-6 CHONDRITE	B		B					MWG		10(2)
EET 83357	35.4	LL-6 CHONDRITE	B/C		A					MWG		10(2)
EET 83358	25.7	L-6 CHONDRITE	B/C		A					MWG		10(2)
EET 83359	66.2	LL-6 CHONDRITE	C		A					MWG		10(2)
EET 83360	40.1	H-6 CHONDRITE	C		A					MWG		10(2)
EET 83361	5.8	LL-5 CHONDRITE	A/B		A	27	23			MWG		10(2)
EET 83362	10.1	H-6 CHONDRITE	B/C		A					MWG		10(2)
EET 83363	184.7	L-6 CHONDRITE	B		A/B	24	20			MWG		10(2)
EET 83364	204.9	L-6 CHONDRITE	A/B		A	24	20			MWG		9(3)
EET 83365	157.6	L-6 CHONDRITE	B		B/C	24	20			MWG		9(3)
EET 83366	188.5	L-6 CHONDRITE	B		A					MWG		10(2)
EET 83367	107.4	H-5 CHONDRITE	C		B	18	16			MWG		10(2)
EET 83368	50.9	L-6 CHONDRITE	C		A	24	20			MWG		10(2)
EET 83369	38.9	H-5 CHONDRITE	C		A	16	14			MWG		10(2)
EET 83370	24.1	L-6 CHONDRITE	C		B					MWG		10(2)
EET 83371	169.9	L-6 CHONDRITE	B		A					MWG		10(2)
EET 83372	168.9	H-5 CHONDRITE	B		C	18	16			MWG		10(2)
EET 83373	158.9	H-6 CHONDRITE	C		A	17	15			MWG		10(2)
EET 83374	95.8	H-6 CHONDRITE	C		A	18	16			MWG		10(2)
EET 83375	266.6	L-6 CHONDRITE	B		B					MWG		10(2)
EET 83376	79.3	HOWARDITE	A/B		A/B	18	21-49			MWG		10(2)
EET 83377	151.7	H-5 CHONDRITE	C		B/C		16			MWG		9(2)
EET 83378	212.3	L-6 CHONDRITE	B		A					MWG		10(2)
EET 83379	177.4	L-6 CHONDRITE	B		A					MWG		10(2)
EET 83380	118.5	LL-6 CHONDRITE	B		A					MWG		10(2)
EET 83382	11.6	H-6 CHONDRITE	B		B	18	16			MWG		10(2)
EET 83383	116.8	L-6 CHONDRITE	B		A					MWG		10(2)
EET 83384	21.7	H-6 CHONDRITE	B		A					MWG		10(2)
EET 83385	3.9	L-6 CHONDRITE	B/C		A					MWG		10(2)
EET 83386	37.8	L-5 CHONDRITE	A/B		A	24	20			MWG		10(2)
EET 83387	80.9	L-6 CHONDRITE	C		B					MWG		10(2)
EET 83388	34.7	H-5 CHONDRITE	C		A	19	16			MWG		10(2)
EET 83389	19.2	CARBONACEOUS C2	A/B		A/B	0.2-37	1-13			MWG		10(2)

EET	15.2	IRON-GROUP IIE (ANOM)	A/B	6-30	28,61	9(1)
EET 83390**	90.7	LL-6 CHONDRITE	A/B			10(2)
EET 83391	163.8	L-6 CHONDRITE	B			10(2)
EET 83392	30.0	H-6 CHONDRITE	B/C			10(2)
EET 83393	54.3	H-6 CHONDRITE	C			10(2)
EET 83394	65.3	L-3 CHONDRITE	B	6-30		10(2)
EET 83395	198.3	L-6 CHONDRITE	A/B	19	2-17	10(2)
EET 83396	32.1	H-6 CHONDRITE	C	25	16	10(2)
EET 83397	67.2	L-5 CHONDRITE	B/C	3-26	21	10(2)
EET 83398	203.3	L-3 CHONDRITE	C	17	6-25	9(1)
EET 83399	112.9	H-5 CHONDRITE	C	17	15	10(2)
EET 83400	111.7	LL-6 CHONDRITE	A/B	17	15	10(2)
EET 83401	50.3	H-5 CHONDRITE	C	18	16	10(2)
EET 83402	11.7	H-5 CHONDRITE	C	24	20	10(2)
EET 83403	72.2	IRON-GROUP IAB -W/SIL. INC.	B	5	8	9(1)
EET 84300**	75.1	L-6 CHONDRITE	B/C	18	16	9(3)
EET 84301	59.6	ACHONDRITE (UNIQUE)	B	24	20	9(3)
EET 84302**	57.5	H-5 CHONDRITE	C	18	16	9(3)
EET 84303	152.2	L-6 CHONDRITE	B	24	20	9(3)
EET 84304	9.8	LL-6 CHONDRITE	A/B	27	22	9(3)
EET 84305	3.5	H-6 CHONDRITE	C	19	16	9(3)
EET 84306	5.1	L-6 CHONDRITE	C	23	20	9(3)
EET 84307	9.3	L-6 CHONDRITE	B	24	20	9(3)
EET 84308	116.0	L-6 CHONDRITE	A	24	20	9(3)
EET 86800	82.9	H-4 CHONDRITE	A	24	21	11(1)
EET 86802	29.6	MESOSIDERITE	B	18	13-17	11(1)
EET 87500	8132.0	MESOSIDERITE	B	30-31	30-31	11(2)
EET 87501	4403.0	L-6 CHONDRITE	B/C	30-31	30-31	11(2)
EET 87502	1810.1	L-6 CHONDRITE	Ae		19.3±0.4	12(1)
EET 87503	1734.5	HOWARDITE	A	20-56	6.1±0.8	11(2)
EET 87504**	10.7	IRON IAB-AN W/SIL. INC.	Be	3		11(2)
EET 87505**	14.5	IRON IAB-AN W/SIL. INC.	B/Ce	3		11(2)
EET 87506**	15.2	IRON IAB-AN W/SIL. INC.	B/Ce	3		11(2)
EET 87507	36.2	CARBONACEOUS C4	B	29	0.9±0.8	11(2)
EET 87508	13.4	CARBONACEOUS C4	A/B			11(2)
EET 87509	583.9	HOWARDITE	B	21-50	3.55±0.05	11(2)
EET 87510	250.3	HOWARDITE	B	21-54	7.9±0.3	11(2)
EET 87511	65.1	UREILITE	B	14	1.5±0.4	11(2)
EET 87512	181.6	HOWARDITE	B/C	21-53		11(2)
EET 87513	394.5	HOWARDITE	A/B	17-53	5±1	11(2)
EET 87514	33.6	CARBONACEOUS C4	B		10±1	11(2)
EET 87515	588.1	L-6 CHONDRITE	Ae			11(2)
EET 87516**	36.0	IRON-OCTAHEDRITE (UNGR)	B/C	8	<1±	11(2)
EET 87517	272.6	UREILITE	B	15-51	2.5±0.5	11(2)
EET 87518	349.6	HOWARDITE	B/C			11(2)
EET 87519	23.2	CARBONACEOUS C4	A/Be			11(2)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (rad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EET 87520	52.3	EUCRITE	B	A	27-53				MMG		11(2)
EET 87521	30.7	LUNAR-BASALTIC BRECCIA	A	A	91	41-61			MMG		11(2)
EET 87522	68.6	CARBONACEOUS C2	Be	B	0-39	0-7		2.4±0.5	MMG		11(2)
EET 87523	27.5	URELITE	C	B/C	14	12		0.8±0.5	MMG		11(2)
EET 87525	10.3	CARBONACEOUS C4	A/B	A				1.1±0.7	MMG		11(2)
EET 87526	88.2	CARBONACEOUS C4	Be	B	29	24			MMG		11(2)
EET 87527	5.8	CARBONACEOUS C4	A/B	A	31-33	21-60			MMG		11(2)
EET 87528	40.5	HOWARDITE	A	A/B	29			5.1±0.8	MMG		11(2)
EET 87529	35.7	CARBONACEOUS C4	Be	A				0.7±0.2	MMG		11(2)
EET 87530	5.0	DIAGENITE	B	A/B	26				MMG		11(2)
EET 87531	527.2	HOWARDITE	B	B	17-47			2.5±0.1	MMG		11(2)
EET 87532	193.5	EUCRITE	B/C	B	33-55			2.8±0.6	MMG		11(2)
EET 87533	7364.8	L-6 CHONDRITE	B	B				34.9±0.6	MMG		12(1)
EET 87534	1155.3	L-5 CHONDRITE	Be	B/C	23	19		70±1	MMG		11(2)
EET 87535	1230.8	L-6 CHONDRITE	Ae	A				17±2	MMG		11(2)
EET 87536	7526.4	L-6 CHONDRITE	B/C	B				0.54±0.08	MMG		12(1)
EET 87537	3702.0	H-5 CHONDRITE	B/Ce	B	17	15		57±1	MMG		12(1)
EET 87538	11894.0	L-6 CHONDRITE	B	A/B				37.2±0.5	MMG		12(1)
EET 87539	2928.5	H-5 CHONDRITE	Be	A	18	16		11.8±0.4	MMG		12(1)
EET 87540	1172.4	L-6 CHONDRITE	B/C	A				44.6±0.8	MMG		11(2)
EET 87541	1161.4	L-6 CHONDRITE	A	A	24	20		6.6±0.1	MMG		12(1)
EET 87542	608.6	EUCRITE	A	A	24-55			0.3±0.1	MMG		12(1)
EET 87543	1761.9	H-6 CHONDRITE	C	A				1.5±0.1	MMG		11(2)
EET 87544	1499.4	LL-4 CHONDRITE	B/C	A	32	23-30		69.1±0.2	MMG		12(1)
EET 87545	486.3	H-5 CHONDRITE	C	A	18	16		26.2±0.3	MMG		12(1)
EET 87546	2018.2	H-6 CHONDRITE	Ce	C	18	16		82±2	MMG		12(1)
EET 87547	1223.2	H-6 CHONDRITE	A/B	A	17	15		2.8±0.2	MMG		12(1)
EET 87548	560.2	EUCRITE	B/C	A	16-45			2.3±0.5	MMG		12(1)
EET 87549	538.6	L-6 CHONDRITE	Be	A/B				86.9±0.8	MMG		12(1)
EET 87550	1639.8	H-5 CHONDRITE	C	A	18	16		29±6	MMG		12(1)
EET 87551	476.0	H-5 CHONDRITE	Be	B	17	15		25.8±0.6	MMG		12(1)
EET 87552	535.1	H-6 CHONDRITE	B/C	A				85±1	MMG		12(1)
EET 87553	682.2	H-4 CHONDRITE	C	A	15	12-18		16.2±0.1	MMG		12(1)
EET 87554	1293.5	L-6 CHONDRITE	B	A				90±1	MMG		12(1)
EET 87555	474.1	L-6 CHONDRITE	B	A					MMG		12(1)
EET 87556	362.6	L-6 CHONDRITE	A	A/B				8.6±0.2	MMG		12(3)
EET 87557	745.3	L-4 CHONDRITE	A/B	A	24	17-21		35.3±0.5	MMG		12(1)
EET 87558	306.4	L-5 CHONDRITE	A/B	A	23	19		0.78±0.05	MMG		12(1)
EET 87559	584.2	L-6 CHONDRITE	A	A				67±2	MMG		12(1)
EET 87560	389.9	L-6 CHONDRITE	C	A				10±2	MMG		12(1)

EET 87561	304.6	L-6 CHONDRITE	A/B	A						11.2±0.7	MMG	12(1)
EET 87562	308.3	H-6 CHONDRITE	B/C	A						40.2±0.4	MMG	12(1)
EET 87563	300.4	H-6 CHONDRITE	C	A						77.4±0.4	MMG	12(1)
EET 87564	471.0	L-4 CHONDRITE	B/Ce	A/B						31.6±0.5	MMG	12(1)
EET 87565	343.7	H-6 CHONDRITE	C	A	22	18-26				5.1±0.6	MMG	12(1)
EET 87566	388.1	L-6 CHONDRITE	C	A	17	15				59±6	MMG	12(1)
EET 87567	298.5	L-6 CHONDRITE	A	A						15.4±0.1	MMG	12(1)
EET 87568	305.7	L-6 CHONDRITE	A	A						8.9±0.4	MMG	12(1)
EET 87569	211.3	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87570	307.7	L-5 CHONDRITE	B	A/B	23	20					MMG	12(3)
EET 87571	162.0	H-5 CHONDRITE	C	A	17	15					MMG	12(3)
EET 87572	355.0	L-6 CHONDRITE	B	B						2.00±0.01	MMG	12(1)
EET 87573	272.3	L-4 CHONDRITE	B	B	23	16-20				53.1±0.9	MMG	12(1)
EET 87574	238.5	L-6 CHONDRITE	Ae	A						33.3±0.2	MMG	12(1)
EET 87575	396.0	H-6 CHONDRITE	C	A	17	16				18.3±0.3	MMG	12(1)
EET 87576	327.5	H-5 CHONDRITE	C	B	16	15				58.2±0.5	MMG	12(1)
EET 87577	147.9	H-5 CHONDRITE	C	B	19	16					MMG	12(3)
EET 87578	350.0	L-6 CHONDRITE	A	A						25.5±0.3	MMG	12(1)
EET 87579	326.4	H-5 CHONDRITE	C	A/B	17	15				17.9±0.1	MMG	12(1)
EET 87580	286.5	L-6 CHONDRITE	A	A						32.0±0.8	MMG	12(1)
EET 87581	216.9	H-5 CHONDRITE	B/C	A	19	16					MMG	12(3)
EET 87582	236.4	L-4 CHONDRITE	B/C	A/B	23	19				1.7±0.2	MMG	12(1)
EET 87583	201.3	L-6 CHONDRITE	B	A	24	20					MMG	12(3)
EET 87584	263.1	L-6 CHONDRITE	A	A						9.5±0.1	MMG	12(1)
EET 87585	52.7	L-5 CHONDRITE	B/C	B/C	25	21					MMG	12(3)
EET 87586	215.5	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87587	102.6	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87588	28.5	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87589	98.4	L-6 CHONDRITE	B	A							MMG	12(3)
EET 87590	69.0	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87591	19.6	H-6 CHONDRITE	B/C	B							MMG	12(3)
EET 87592	89.7	H-6 CHONDRITE	B/C	A	18	16					MMG	12(3)
EET 87593	40.2	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87594	79.1	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87595	19.4	L-5 CHONDRITE	B	A							MMG	12(3)
EET 87596	90.0	L-6 CHONDRITE	A/B	A	25	21					MMG	12(3)
EET 87597	9.0	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87598	22.3	L-6 CHONDRITE	B/C	A							MMG	12(3)
EET 87599	15.9	L-6 CHONDRITE	B	A							MMG	12(3)
EET 87600	11.7	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87601	50.1	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87602	76.7	H-6 CHONDRITE	B/C	A							MMG	12(3)
EET 87603	169.8	L-6 CHONDRITE	A/B	A							MMG	12(3)
EET 87604	63.6	L-5 CHONDRITE	B/C	A	23	20					MMG	12(3)
EET 87605	45.1	L-6 CHONDRITE	B/C	A							MMG	12(3)
EET 87606	7.5	L-5 CHONDRITE	B/C	A	25	21					MMG	12(3)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EET 87607	109.0	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87608	39.4	H-6 CHONDRITE	C	A					MWG		12(3)
EET 87609	19.6	H-5 CHONDRITE	B/C	A	17	15			MWG		12(3)
EET 87610	23.4	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87611	21.2	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87612	23.6	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87613	77.0	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87614	16.4	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87615	144.5	L-6 CHONDRITE	B	A	23	20			MWG		12(3)
EET 87616	91.3	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87617	4.1	L-6 CHONDRITE	C	A	25	21			MWG		12(3)
EET 87618	62.0	H-5 CHONDRITE	C	A	17	15			MWG		12(3)
EET 87619	9.1	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87620	2.1	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87621	13.5	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87622	106.8	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87623	81.3	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87624	17.2	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87625	22.5	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87626	71.9	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87627	93.2	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87628	11.7	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87629	0.5	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87630	16.8	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87631	42.8	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87632	8.2	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87633	27.9	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87634	14.1	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87635	162.3	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87636	17.4	H-5 CHONDRITE	B/C	A	17	15			MWG		12(3)
EET 87637	17.2	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87638	7.7	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87639	53.4	L-6 CHONDRITE	B	A	24	20			MWG		12(3)
EET 87640	13.8	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87641	18.5	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87642	25.8	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87643	31.0	H-5 CHONDRITE	B/C	A	17	15			MWG		12(3)
EET 87644	127.3	L-6 CHONDRITE	B	A					MWG		12(3)
EET 87645	3.8	L-6 CHONDRITE	B/C	A					MWG		12(3)
EET 87646	57.2	L-6 CHONDRITE	B	A					MWG		12(3)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (Krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EET 87693	11.3	H-6 CHONDRITE	B	A	17	15			MMG		12(3)
EET 87694	23.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87695	118.5	H-5 CHONDRITE	B/C	B	18	16			MMG		12(3)
EET 87696	10.7	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87697	79.0	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87698	9.0	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87699	46.3	H-5 CHONDRITE	B	B	18	16			MMG		12(3)
EET 87700	43.6	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87701	65.3	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87702	43.7	L-6 CHONDRITE	A/B	A					MMG		12(3)
EET 87703	8.1	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87704	26.8	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87705	2.3	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87706	16.8	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87707	69.2	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87708	32.2	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87709	110.0	L-5 CHONDRITE	B	A	23	20			MMG		12(3)
EET 87710	14.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87711**	5.7	CARBONACEOUS C2R	B/C	B	0.8-3	1-3			MMG		12(3)
EET 87712	35.4	H-5 CHONDRITE	B/C	A	18	16			MMG		12(3)
EET 87713	3.5	H-6 CHONDRITE	B/C	A					MMG		12(3)
EET 87714	4.8	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87715	21.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87716	56.0	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87717	27.2	URELITE	B/C	B				3.8±0.7	MMG		11(2)
EET 87718	5.8	H-5 CHONDRITE	C	A	10-15	12			MMG		12(3)
EET 87719	65.7	H-6 CHONDRITE	B/C	A	17	15			MMG		12(3)
EET 87720	91.3	URELITE	B _e	B	18	16			MMG		12(3)
EET 87721	13.9	L-6 CHONDRITE	B	A	13-21	9-13			MMG		12(3)
EET 87722	21.8	L-6 CHONDRITE	B	B					MMG		12(3)
EET 87723	27.9	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87724	115.0	L-6 CHONDRITE	B	B					MMG		12(3)
EET 87725	12.5	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87726	82.5	H-3 CHONDRITE	B/C	A	13-16	12-16			MMG		12(3)
EET 87727	28.5	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87728	3.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87729	1.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87730	70.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87731	8.3	H-5 CHONDRITE	B	A	17	15			MMG		12(3)
EET 87732	4.2	L-6 CHONDRITE	B	B					MMG		12(3)

EET 87733	26.9	L-6 CHONDRITE	B	A	17	15	MWG	12(3)
EET 87734	7.2	H-5 CHONDRITE	B/C	A	1-25	2-22	MWG	12(3)
EET 87735	4.2	L-3 CHONDRITE	B	B			MWG	12(3)
EET 87736	3.3	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87737	24.9	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87738	3.0	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87739	8.4	H-6 CHONDRITE	B	A	18	16	MWG	12(3)
EET 87740	39.0	H-5 CHONDRITE	B	A	18	16	MWG	12(3)
EET 87741	39.0	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87742	19.6	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87743	53.6	H-5 CHONDRITE	B	A	18	16	MWG	12(3)
EET 87744	129.8	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87745	123.0	H-5 CHONDRITE	B/C	A	18	15	MWG	12(3)
EET 87746	142.3	E-4 CHONDRITE	C ₆	B	1-2	0.6-2	MWG	12(3)
EET 87747**	38.2	CARBONACEOUS C2R	B/C	B/C	0.4-6	1-5	MWG	12(3)
EET 87748	3.9	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87749	4.0	LL-6 CHONDRITE	A/B	A	28	23	MWG	12(3)
EET 87750	23.1	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87751	3.2	H-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87752	9.2	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87753	7.8	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87754	34.4	H-5 CHONDRITE	B	A	17	15	MWG	12(3)
EET 87755	88.4	H-5 CHONDRITE	B	A	17	15	MWG	12(3)
EET 87756	170.5	L-6 CHONDRITE	A/B	B			MWG	12(3)
EET 87757	54.8	H-6 CHONDRITE	B	A			MWG	12(3)
EET 87758	38.1	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87759	110.8	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87760	19.4	L-6 CHONDRITE	B	B			MWG	12(3)
EET 87761	12.5	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87762	27.4	L-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87763	26.5	L-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87764	38.7	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87765	41.4	L-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87766	18.9	L-6 CHONDRITE	A/B	A			MWG	12(3)
EET 87767	27.9	H-5 CHONDRITE	C	A	18	16	MWG	12(3)
EET 87768	58.6	L-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87769	13.9	L-6 CHONDRITE	B/C	A			MWG	12(3)
EET 87770**	38.6	CARBONACEOUS C2R	B	A	0.5-4	0.6-7	MWG	12(3)
EET 87771	56.6	LL-5 CHONDRITE	B	A	27	22	MWG	12(3)
EET 87772	23.9	H-5 CHONDRITE	B	B	18	16	MWG	12(3)
EET 87773	18.4	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87774	65.6	L-5 CHONDRITE	A/B	B	23	20	MWG	12(3)
EET 87775	16.8	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87776	29.9	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87777	8.4	L-6 CHONDRITE	B	A			MWG	12(3)
EET 87778	161.7	H-3 CHONDRITE	B/C	A	13-15	12-16	MWG	12(3)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
EET 87779	21.6	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87780	18.4	L-6 CHONDRITE	B	A	24	20			MMG		12(3)
EET 87781	10.8	H-5 CHONDRITE	B/C	B	17	15			MMG		12(3)
EET 87782	7.1	L-6 CHONDRITE	B	B					MMG		12(3)
EET 87783	5.3	L-6 CHONDRITE	B/C	B					MMG		12(3)
EET 87784	15.1	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87785	14.1	H-6 CHONDRITE	C	B					MMG		12(3)
EET 87786	0.6	H-6 CHONDRITE	B/C	A					MMG		12(3)
EET 87787	20.8	H-5 CHONDRITE	B/C	B	18	16			MMG		12(3)
EET 87788	83.8	L-6 CHONDRITE	A/B	A					MMG		12(3)
EET 87789	45.9	L-6 CHONDRITE	A/B	A					MMG		12(3)
EET 87790	175.4	H-5 CHONDRITE	B	A	18	16			MMG		12(3)
EET 87791	5.5	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87792	36.4	H-6 CHONDRITE	C	A					MMG		12(3)
EET 87793	1.3	H-6 CHONDRITE	C	A					MMG		12(3)
EET 87794	77.0	L-6 CHONDRITE	C	A					MMG		12(3)
EET 87795	5.8	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87796	12.5	L-6 CHONDRITE	A/B	A					MMG		12(3)
EET 87797	2.2	L-6 CHONDRITE	B/C	A					MMG		12(3)
EET 87798	35.7	H-5 CHONDRITE	B/C	A	17	15			MMG		12(3)
EET 87799	12.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87800	20.3	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87801	6.8	L-5 CHONDRITE	B	A	23	20			MMG		12(3)
EET 87802	1.3	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87803	9.0	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87804	40.2	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87805	62.7	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87806	79.4	H-3 CHONDRITE	B/C	B	3-19	4-26			MMG		12(3)
EET 87807	120.1	L-5 CHONDRITE	B	A	28	22			MMG		12(3)
EET 87808	6.6	H-4 CHONDRITE	B	B	15	9-17			MMG		12(3)
EET 87809	33.4	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87810	12.9	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87811	18.1	L-6 CHONDRITE	B	A					MMG		12(3)
EET 87812**	11.9	CARBONACEOUS C2R	B	A					MMG		12(3)
EET 87813	0.9	L-6 CHONDRITE	B/C	B	0.6-7	1-5			MMG		12(3)
EET 87814	13.5	L-6 CHONDRITE	B/C	A					MMG		12(3)
EET 87815	24.2	H-6 CHONDRITE	B	A					MMG		12(3)
EET 87816	3.3	H-6 CHONDRITE	B/C	A					MMG		12(3)
EET 87817	61.8	L-6 CHONDRITE	B/C	B					MMG		12(3)
EET 87818	90.6	L-6 CHONDRITE	B	A					MMG		12(3)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
GRO 85202	27.2	CARBONACEOUS C2			.8-1.2				MWG		9(3)
GRO 85203	1450.4	H-5 CHONDRITE	A/B ^e	C	18	16		110±4	MWG		10(1)
GRO 85204	1754.7	L-6 CHONDRITE	A	B	24	21		43±2	MWG		10(1)
GRO 85205	999.9	L-6 CHONDRITE	A/B	A	25	20		25.8±0.3	MWG		10(1)
GRO 85206	2420.1	H-5 CHONDRITE	B/C ^e	B	17	15			MWG		10(1)
GRO 85207	2372.1	L-6 CHONDRITE	A/B	A	24	20		77.3±0.4	MWG		10(1)
GRO 85208	1356.9	L-6 CHONDRITE	A	A	23	20		71.8±0.2	MWG		10(1)
GRO 85209	1126.1	L-6 CHONDRITE	A	A	25	21		18±6	MWG		10(1)
GRO 85210	246.8	H-5 CHONDRITE	B	A	18	16		39±1	MWG		10(1)
GRO 85211	355.3	H-5 CHONDRITE	B	A	19	17		74±1	MWG		10(1)
GRO 85212	342.2	L-4 CHONDRITE	B	A/B	23	16-20		105±1	MWG		10(1)
GRO 85213	4364.4	L-6 CHONDRITE	B	A	23	20		74±2	MWG		10(1)
GRO 85214	259.8	L-5 CHONDRITE	B	B	24	21		0.80±0.04	MWG		10(2)
GRO 85215	35.2	L-5 CHONDRITE	B	A				12.5±0.1	MWG		10(2)
GRO 85216	12.5	L-5 CHONDRITE	B/C	A				5.6±0.2	MWG		10(2)
GRO 85217	33.6	L-5 CHONDRITE	B/C	A					MWG		12(3)
GRO 85218	6.8	H-6 CHONDRITE	C	A	18	16			MWG		10(2)
HOW 88400	2104.2	H-6 CHONDRITE	B/C	A	17	15			MWG		12(3)
HOW 88401	1622.7	EUCRITE	B	B/C		25-57			MWG		12(3)
ILD 83500**	2523.0	IRON-ATAXITE (UNGR)	e						NMNH	28,61	7(2)
LEW 85300	210.3	EUCRITE	A/B	A		32-63			MWG		9(3)
LEW 85301	13.1	H-6 CHONDRITE	B/C	A				0.41±0.03	MWG		10(2)
LEW 85302	114.5	EUCRITE	A/B	A/B		24-59			MWG		9(3)
LEW 85303	408.0	EUCRITE	A/B	A		30-62		31±2	MWG		9(3)
LEW 85305	40.8	EUCRITE	A	A		31-57		.036±0.005	MWG		9(3)
LEW 85306	6.5	CARBONACEOUS C2	A	A	0.2-33	7-5.5		-±-	MWG		9(3)
LEW 85307	1.7	CARBONACEOUS C2	A	A	0.6-46				MWG		10(1)
LEW 85309	54.1	CARBONACEOUS C2	A/B ^e	B/C	0.2-41	9-1.5			MWG		9(3)
LEW 85311	199.5	CARBONACEOUS C2	B ^e	B/C	0.4-36	9-1.1			MWG		9(3)
LEW 85312	31.7	CARBONACEOUS C2	B	B/C	0.2-45	7-1.8			MWG		9(3)
LEW 85313	191.2	HOWARDITE	B	B		15-64		4.4±0.04	MWG		11(1)
LEW 85314	14.0	H-5 CHONDRITE	C	A/B	18	16			MWG		9(3)
LEW 85315	10.2	H-6 CHONDRITE	C	A	18	16		35.8±0.5	MWG		10(1)
LEW 85316	34.3	H-5 CHONDRITE	C	B/C	17	15		22.5±0.6	MWG		10(1)
LEW 85317	8.7	L-4 CHONDRITE	A/B	A	25	18-22		52±2	MWG		10(1)
LEW 85318	152.2	H-5 CHONDRITE	C	B	17	15		35.8±0.2	MWG		9(3)
LEW 85319	11491.0	H-5 CHONDRITE	B/C ^e	B	18	16	55±4	12.2±0.1	MWG		10(1)
LEW 85320	110224.0	H-5 CHONDRITE	B ^e	B	19	16		7.3±0.1	MWG		10(1)
LEW 85321	527.0	L-6 CHONDRITE	B/C	A	24	20		41.8±0.8	MWG		9(3)

LEW 85322	582.0	H-6 CHONDRITE	C	A	19	17	41±1	MWG	10(1)
LEW 85323	874.4	L-6 CHONDRITE	Be	A	23	20	6.6±0.1	MWG	10(1)
LEW 85324	514.1	H-5 CHONDRITE	B	B	18	16	32±3	MWG	10(1)
LEW 85325	536.9	L-6 CHONDRITE	B/C	A	25	21	20±1	MWG	10(1)
LEW 85326	224.7	H-5 CHONDRITE	C	A	19	17		MWG	10(1)
LEW 85327	439.4	H-5 CHONDRITE	B/C	A	17	15	0.37±0.05	MWG	10(2)
LEW 85328	106.8	URELITE	B/C	A	20	17		MWG	10(1)
LEW 85329	169.6	H-6 CHONDRITE	A/B	A	19	16	26±1	MWG	10(1)
LEW 85330	67.0	H-6 CHONDRITE	B/C	A	18	16	12.4±0.3	MWG	12(1)
LEW 85331	54.3	H-6 CHONDRITE	B/C	A	17	15	47±2	MWG	12(1)
LEW 85332	113.7	CARBONACEOUS C30	B/C	B	1-20	1-16		MWG	10(1)
LEW 85333	47.9	L-4 CHONDRITE	B	A	25	21	52±2	MWG	10(1)
LEW 85334	177.0	H-5 CHONDRITE	B/C	A	18	16	26.2±0.5	MWG	12(1)
LEW 85335	106.7	H-6 CHONDRITE	C	A/B	17	15	6.9±0.1	MWG	12(1)
LEW 85336	60.0	H-5 CHONDRITE	B/C	A	18	16	82±4	MWG	12(1)
LEW 85337	57.4	H-6 CHONDRITE	C	A			10.2±0.4	MWG	10(2)
LEW 85338	99.4	H-5 CHONDRITE	B	B/C	16	14	25.6±0.6	MWG	12(1)
LEW 85339	28.8	L-3 CHONDRITE	A/B	A	1-30	3-13		MWG	12(3)
LEW 85340	102.7	L-5 CHONDRITE	B	A	23	19	27.1±0.8	MWG	10(2)
LEW 85341	76.1	H-5 CHONDRITE	C	A	17	15	14±1	MWG	12(1)
LEW 85342	6.9	H-5 CHONDRITE	C	A	18	16		MWG	12(3)
LEW 85343	78.0	L-4 CHONDRITE	C	A	22	18	40±1	MWG	12(1)
LEW 85344	2.8	H-5 CHONDRITE	C	A	17	15		MWG	12(3)
LEW 85345	32.2	H-5 CHONDRITE	B/C	A	17	16	43±3	MWG	10(1)
LEW 85347	31.2	H-5 CHONDRITE	C	A	17	15	52±5	MWG	12(3)
LEW 85348	31.0	H-6 CHONDRITE	C	B	19	16	19.5±0.6	MWG	12(3)
LEW 85349	17.3	L-6 CHONDRITE	C	A	23	19		MWG	12(3)
LEW 85350	24.2	L-4 CHONDRITE	B/C	A	24	20	10.0±0.2	MWG	12(3)
LEW 85351	12.1	H-4 CHONDRITE	B/C	A	17	14-21	6.4±0.2	MWG	12(3)
LEW 85352	9.2	H-5 CHONDRITE	C	A	17	15	6.6±0.3	MWG	12(3)
LEW 85353	24.5	EUCRITE	B	A/B		22-62	0.5±0.2	MWG	10(1)
LEW 85354	12.1	L-6 CHONDRITE	B/C	A	17	15	1.9±0.4	MWG	12(3)
LEW 85355	5.5	H-5 CHONDRITE	C	A/B				MWG	10(2)
LEW 85356	8.1	L-6 CHONDRITE	B/C	A	18	16	14±1	MWG	10(2)
LEW 85357	61.4	H-5 CHONDRITE	B/C	B	18	16	6.4±0.2	MWG	12(1)
LEW 85358	14.1	H-5 CHONDRITE	C	B	18	16		MWG	10(2)
LEW 85359	17.5	H-6 CHONDRITE	C	B	17	15	24±1	MWG	12(3)
LEW 85360	12.7	L-6 CHONDRITE	B	B			0.16±0.01	MWG	12(3)
LEW 85361	4.2	L-6 CHONDRITE	C	B	23	20		MWG	10(1)
LEW 85365	7.5	L-4 CHONDRITE	C	A	24	20		MWG	10(1)
LEW 85369**	6.3	IRON-UNGRI	C	A				MWG	10(2)
LEW 85371	55.3	H-5 CHONDRITE	C	A	18	16	24±3	MWG	12(1)
LEW 85373	45.2	H-6 CHONDRITE	Ce	B			20±3	MWG	10(2)
LEW 85375	37.1	H-5 CHONDRITE	C	A	17	15		MWG	10(2)
LEW 85377	30.8	H-6 CHONDRITE	C	A/B				MWG	10(2)
LEW 85378	65.6	H-6 CHONDRITE	C	A/B				MWG	10(2)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
										SI	AMN
LEW 85380	14.5	L-6 CHONDRITE	B	A				6.9±0.1	MWG		10(2)
LEW 85381	21.7	H-6 CHONDRITE	C	A				7.8±0.3	MWG		10(2)
LEW 85384	5.6	H-6 CHONDRITE	C	B				48±0.5	MWG		10(2)
LEW 85386	14.2	LL-6 CHONDRITE	A/B	B/C				.090±0.004	MWG		10(2)
LEW 85387	3.8	H-5 CHONDRITE	C	A	17	15			MWG		10(1)
LEW 85388	3.5	L-6 CHONDRITE	B/C	A					MWG		10(2)
LEW 85390	1.5	L-4 CHONDRITE	C	A/B	24	12-24			MWG		10(1)
LEW 85393	51.3	H-5 CHONDRITE	B _e	B	18	15			MWG		12(1)
LEW 85396	60.2	L-3 CHONDRITE	C	A	2-26	3-25			MWG		10(1)
LEW 85397	57.3	L-6 CHON. BRECCIA	C	A	19-22	17-20			MWG		10(2)
LEW 85399	8.2	H-6 CHONDRITE	C	A					MWG		10(2)
LEW 85400	6.4	H-6 CHONDRITE	B/C	A	18	16			MWG		10(2)
LEW 85401	3.9	L-3 CHONDRITE	B/C	A	1-28	1-20			MWG		10(1)
LEW 85402	65.9	H-6 CHONDRITE	C	B			31.0±0.9		MWG		10(2)
LEW 85403	12.2	L-6 CHONDRITE	A/B	B			18.2±0.4		MWG		10(2)
LEW 85405	62.8	H-5 CHONDRITE	B/C	A/B	19	16	5.9±0.2		MWG		12(1)
LEW 85408	3.5	H-6 CHONDRITE	B	A					MWG		10(2)
LEW 85410	2.3	H-6 CHONDRITE	C	A					MWG		10(2)
LEW 85411	3.6	H-6 CHONDRITE	C	A					MWG		10(2)
LEW 85412	70.9	H-6 CHONDRITE	C	A	19	16			MWG		12(1)
LEW 85413	13.6	L-6 CHONDRITE	B	A					MWG		10(2)
LEW 85415	3.4	LL-6 CHONDRITE	A	A	30	24		7.9±0.2	MWG		10(2)
LEW 85420	12.4	L-6 CHON. BRECCIA	B/C _e	A	25	20			MWG		10(2)
LEW 85424	4.4	L-6 CHONDRITE	B/C	A				96±4	MWG		10(2)
LEW 85428	21.2	L-6 CHONDRITE	B/C	A	27	23			MWG		10(2)
LEW 85429	6.8	LL-6 CHONDRITE	C	A				13.6±0.4	MWG		10(2)
LEW 85431	29.6	L-6 CHONDRITE	C	A				54±1	MWG		10(2)
LEW 85432	2.4	L-6 CHONDRITE	B	A					MWG		10(2)
LEW 85433	57.3	H-5 CHONDRITE	C	A/B	18	17		93±1	MWG		12(1)
LEW 85435	20.7	H-5 CHONDRITE	C	A/B	17	15			MWG		10(2)
LEW 85436	9.3	L-6 CHONDRITE	C	A	23	20			MWG		10(2)
LEW 85438	3.2	LL-6 CHONDRITE	A/B	A					MWG		10(2)
LEW 85439	2.7	L-6 CHONDRITE	C	A					MWG		10(2)
LEW 85440	43.8	URELITE	B	A/B	9	8			MWG		10(1)
LEW 85441	10.9	HOWARDITE	B	A/B		25-48		0.60±0.01	MWG		10(1)
LEW 85442	28.8	L-6 CHONDRITE	B/C	A/B					MWG		10(2)
LEW 85443	9.9	L-4 CHONDRITE	B	A/B	25	10-23		46±1	MWG		10(2)
LEW 85444	2.3	L-6 CHONDRITE	C	A					MWG		10(2)
LEW 85445	10.8	H-4 CHONDRITE	B/C	A	18	13-16		25.4±0.5	MWG		10(2)
LEW 85446	41.5	H-6 CHONDRITE	C	A				48±1	MWG		10(2)

LEW 85449	11.9	L-6 CHONDRITE	C	A						6.2±0.4	MWG	10(2)
LEW 85454	8.2	L-6 CHONDRITE	C	A						1.76±0.01	MWG	10(2)
LEW 85457	20.3	L-6 CHONDRITE	B/C	A						1.63±0.03	MWG	10(2)
LEW 85461	21.2	L-6 CHONDRITE	B/C	A						77±2	MWG	10(2)
LEW 85463	12.3	L-6 CHONDRITE	C	A						1.5±0.1	MWG	10(2)
LEW 85465	57.5	L-6 CHONDRITE	B	A						5.3±0.2	MWG	10(2)
LEW 85467	4.5	LL-6 CHONDRITE	B/C	A							MWG	10(2)
LEW 85469	7.7	H-6 CHONDRITE	C	A							MWG	10(2)
LEW 85471	239.2	L-6 CHONDRITE	C	A			25	22		24.2±0.7	MWG	10(1)
LEW 85472	66.6	L-6 CHONDRITE	B/C	A			23	20		28±4	MWG	12(1)
LEW 86001	290.6	EUCRITE	Be	A				22-57		13±3	MWG	10(2)
LEW 86002	32.6	EUCRITE (UNBRECCIATED)	A/B	A				31-61			MWG	10(2)
LEW 86003	1.6	EUCRITE (BRECCIATED)	B	A				26-64			MWG	10(2)
LEW 86004	2.1	CARBONACEOUS C2	B	A			0-54	0-7			MWG	10(2)
LEW 86005	4.7	CARBONACEOUS C2	A/Be	A			0-38	0-3			MWG	10(2)
LEW 86006	0.8	CARBONACEOUS C3V	B	A			0-27	0-5			MWG	10(2)
LEW 86007	1.6	CARBONACEOUS C2	A/Be	A			0-42	0-4			MWG	10(2)
LEW 86008	5.6	CARBONACEOUS C2	B	A			0-25	0-3			MWG	10(2)
LEW 86009	6.5	CARBONACEOUS C2	A/Be	A/B			0-45	0-2			MWG	10(2)
LEW 86010**	6.9	ANGRITE	A/B	A/B			63	19			MWG	10(2)
LEW 86011	3397.5	L-6 CHONDRITE	A/B	A			25	21		157±1	MWG	11(1)
LEW 86012	2157.4	L-6 CHONDRITE	A	B/C			25	21		50.8±0.9	MWG	11(1)
LEW 86013	1812.2	L-6 CHONDRITE	B	B			25	21		93±2	MWG	11(1)
LEW 86014	662.4	L-4 CHONDRITE	C	A			24	17-22		93±2	MWG	11(1)
LEW 86015	780.1	H-6 CHONDRITE	C	B/C			19	17		122±6	MWG	11(1)
LEW 86016	525.0	L-6 CHONDRITE	A/B	A/B			25	21		8.2±0.3	MWG	11(1)
LEW 86017	687.6	H-6 CHONDRITE	B	A/B			19	16		17±1	MWG	11(1)
LEW 86018	502.0	L-3 CHONDRITE	Be	B			0.7-32	2-9		-±-	MWG	11(1)
LEW 86019	432.4	L-6 CHONDRITE	B	A/B			24	20		14.8±0.7	MWG	11(1)
LEW 86020	360.5	H-5 CHONDRITE	C	B			18	16		37.0±0.2	MWG	11(1)
LEW 86021	325.8	L-3 CHONDRITE	Ce	A			18-28	4-17		36±2	MWG	11(1)
LEW 86022	351.7	L-3 CHONDRITE	B/Ce	B			6-34	1-31		-±-	MWG	11(1)
LEW 86023	322.0	L-6 CHONDRITE	B	A			23	20		32±3	MWG	11(1)
LEW 86024	248.5	L-4 CHONDRITE	A/B	A			22	19		21.9±0.1	MWG	11(1)
LEW 86025	190.1	L-6 CHONDRITE	Ce	B			23	20		0.9±0.1	MWG	11(1)
LEW 86026	22.1	H-5 CHONDRITE	B/C	A			18	16		64±2	MWG	11(1)
LEW 86028	25.9	H-6 CHONDRITE	B	A			18	16		38±2	MWG	11(1)
LEW 86029	16.5	H-5 CHONDRITE	C	A			18	16			MWG	11(1)
LEW 86030	13.4	H-6 CHONDRITE	C	A			18	16		75.5±0.6	MWG	11(1)
LEW 86031	74.5	H-5 CHONDRITE	C	A/B			19	16		127±2	MWG	11(1)
LEW 86032	1.4	H-5 CHONDRITE	B/C	A			18	16			MWG	11(1)
LEW 86033	21.5	H-4 CHONDRITE	B/C	A			18	15-17		62±2	MWG	11(1)
LEW 86034	6.0	L-4 CHONDRITE	C	A			25	21-23			MWG	11(1)
LEW 86035	77.7	H-5 CHONDRITE	B/C	B			19	16		96.0±0.2	MWG	11(1)
LEW 86036	9.3	H-5 CHONDRITE	B/C	A			18	16			MWG	11(1)
LEW 86037	5.6	H-5 CHONDRITE	B/Ce	A			19	16		79±1	MWG	11(1)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				WEATHERING	FRACTURING						SI	AMN
LEW 86038	18.8	L-6 CHONDRITE	C	A/B	19	16			MWG		11(1)	
LEW 86039	41.5	H-5 CHONDRITE	B/C	A	23	19		5±2	MWG		11(1)	
LEW 86040	48.8	L-4 CHONDRITE	C	A	17	15		139±5	MWG		11(1)	
LEW 86041	22.5	H-5 CHONDRITE	B/C	A	24	21		2.34±0.08	MWG		11(1)	
LEW 86042	5.4	L-6 CHONDRITE	B	B	25	21		24.8±0.3	MWG		11(1)	
LEW 86043	13.5	L-6 CHONDRITE	B/C	A	18	16		21.9±0.9	MWG		11(1)	
LEW 86044	18.8	H-5 CHONDRITE	C	A	18	16			MWG		11(1)	
LEW 86045	5.4	H-5 CHONDRITE	C	B	18	16			MWG		11(1)	
LEW 86046	4.6	H-5 CHONDRITE	C	B	18	16			MWG		11(1)	
LEW 86047	68.7	H-5 CHONDRITE	C	B	18	16		32.2±0.8	MWG		11(1)	
LEW 86048	6.3	L-6 CHONDRITE	C	B					MWG		11(1)	
LEW 86049	14.8	H-5 CHONDRITE	C	B	18	16			MWG		11(1)	
LEW 86050	10.6	H-5 CHONDRITE	B/C	A	18	16		136±14	MWG		11(1)	
LEW 86051	2.0	H-5 CHONDRITE	B/C	A	18	16			MWG		11(1)	
LEW 86054	2.4	L-6 CHONDRITE	B/C	A	18	16			MWG		11(1)	
LEW 86056	6.8	L-6 CHONDRITE	B/C	A				11±0.6	MWG		11(1)	
LEW 86057	54.7	LL-6 CHONDRITE	B/C	A	77±6				MWG		11(1)	
LEW 86064	24.3	L-6 CHONDRITE	C	A					MWG		11(1)	
LEW 86066	18.5	H-6 CHONDRITE	C	B					MWG		11(1)	
LEW 86069	0.6	LL-6 CHONDRITE	C	A					MWG		11(1)	
LEW 86070	19.2	LL-6 CHONDRITE	A/B	A/B				58±1	MWG		11(1)	
LEW 86073	37.7	L-6 CHONDRITE	B/C	A				47±4	MWG		11(1)	
LEW 86075	4.5	L-6 CHONDRITE	B/C	A					MWG		11(1)	
LEW 86082	8.3	LL-6 CHONDRITE	B	A					MWG		11(1)	
LEW 86083	198.9	H-5 CHONDRITE	Ca	A	18	16		36±2	MWG		11(2)	
LEW 86084	53.1	L-6 CHONDRITE	C	A				29±1	MWG		11(1)	
LEW 86085	196.9	L-6 CHONDRITE	C	A				19±1	MWG		11(1)	
LEW 86086	104.0	H-5 CHONDRITE	C	B	18	16		93±2	MWG		11(2)	
LEW 86089	84.8	H-6 CHONDRITE	C	A	18	16		4.7±0.3	MWG		11(2)	
LEW 86090	23.2	L-6 CHONDRITE	C	A	18	16		6.9±0.1	MWG		11(1)	
LEW 86091	66.7	H-5 CHONDRITE	C	A	18	17		12.7±0.1	MWG		11(2)	
LEW 86096	70.9	H-5 CHONDRITE	C	A	19	16		76±1	MWG		11(2)	
LEW 86097	2.5	L-6 CHONDRITE	C	B					MWG		11(1)	
LEW 86098	52.8	L-4 CHONDRITE	C	A	23	19		2.9±0.1	MWG		11(2)	
LEW 86101	28.5	LL-6 CHONDRITE	B	A				6±1	MWG		11(1)	
LEW 86110	33.7	L-6 CHONDRITE	C	A	53.2±0.5				MWG		11(1)	
LEW 86113	6.8	L-6 CHONDRITE	B/C	A					MWG		11(1)	
LEW 86115	33.5	L-6 CHONDRITE	C	A	52.5±0.7				MWG		11(1)	
LEW 86117	13.5	LL-6 CHONDRITE	B	A					MWG		11(1)	
LEW 86120	32.9	H-6 CHONDRITE	C	A	22.9±0.9				MWG		11(1)	

LEW 86123	11.5	H-4 CHONDRITE	B/C	A	19	10-21	21±3	MWG	11(1)
LEW 86127	11.9	L-3 CHONDRITE	B	A	2-26	2-17		MWG	11(1)
LEW 86132	12.1	L-6 CHONDRITE	C	A/B				MWG	11(1)
LEW 86133	8.3	L-6 CHONDRITE	A	A	2-24	1-20	-±-	MWG	11(1)
LEW 86134	28.9	L-3 CHONDRITE	B/C	A/B			88±4	MWG	11(1)
LEW 86135	10.0	L-6 CHONDRITE	C	A				MWG	11(1)
LEW 86137	6.5	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86139	3.8	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86140	9.4	H-6 CHONDRITE	B	A				MWG	11(1)
LEW 86141	4.7	L-6 CHONDRITE	C	A				MWG	11(1)
LEW 86144	11.1	L-3 CHONDRITE	B/C	A/B	1-25	2-16		MWG	11(1)
LEW 86158	8.6	L-3 CHONDRITE	B	A	5-25	5-20		MWG	11(1)
LEW 86160	15.4	H-6 CHONDRITE	C	A			10.2±0.2	MWG	11(1)
LEW 86161	29.0	LL-6 CHONDRITE	B	A			69±2	MWG	11(1)
LEW 86162	2.2	LL-6 CHONDRITE	A	A				MWG	11(1)
LEW 86163	15.4	H-6 CHONDRITE	C	A			10±3	MWG	11(1)
LEW 86165	18.2	H-4 CHONDRITE	C	A	18	16	50.6±0.7	MWG	11(1)
LEW 86166	20.7	L-6 CHONDRITE	C	A			2.3±0.2	MWG	11(1)
LEW 86168	18.3	H-6 CHONDRITE	C	A			96±2	MWG	11(1)
LEW 86169	25.8	L-6 CHONDRITE	B/C	A				MWG	11(1)
LEW 86170	4.2	H-6 CHONDRITE	B/C	A/B				MWG	11(1)
LEW 86173	1.8	L-6 CHONDRITE	C	A				MWG	11(1)
LEW 86175	2.4	L-6 CHONDRITE	B	A/B				MWG	11(1)
LEW 86178	13.5	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86179	5.4	L-6 CHONDRITE	B/C	A				MWG	11(1)
LEW 86182	18.8	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86183	22.9	H-6 CHONDRITE	C	A			22.3±0.6	MWG	11(1)
LEW 86186	47.5	L-6 CHONDRITE	Ce	B	18	16	17.9±0.3	MWG	11(1)
LEW 86188	6.1	H-5 CHONDRITE	C	B/C				MWG	11(1)
LEW 86190	28.4	H-6 CHONDRITE	C	B				MWG	11(1)
LEW 86193	7.6	L-6 CHONDRITE	C	A				MWG	11(1)
LEW 86195	41.5	L-6 CHONDRITE	A/B	A			16.0±0.5	MWG	11(1)
LEW 86196	18.5	H-6 CHONDRITE	B/C	A				MWG	11(1)
LEW 86201	18.2	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86203	61.4	L-6 CHONDRITE	B/C	A			16±3	MWG	11(1)
LEW 86204	22.5	H-6 CHONDRITE	C	A			9.7±0.1	MWG	11(1)
LEW 86205	17.4	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86207	17.7	L-3 CHONDRITE	C	A/B	1-25	2-21	8±1	MWG	11(1)
LEW 86210	9.2	MESOSIDERITE	C	A/B	45	24-61		MWG	11(1)
LEW 86211**	163.1	IRON-ANOMALOUS (UNGR)	C	A			6±1	MWG	11(2)
LEW 86212	5.5	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86215	123.3	H-5 CHONDRITE	C	A	18	16	9.0±0.9	MWG	11(2)
LEW 86216	6.5	UREILITE	C	A	12-20	12-18		MWG	11(1)
LEW 86218	6.2	H-6 CHONDRITE	C	A				MWG	11(1)
LEW 86220	25.0	IRON -WSIL INC.	C	A	7	9		MWG	11(1)
LEW 86221	17.6	H-6 CHONDRITE	C	A				MWG	11(1)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				C	B						SI	AMN
LEW 86225	102.8	H-5 CHONDRITE				18	16		42.5±0.7	MWG		11(2)
LEW 86231	18.2	L-6 CHONDRITE		B/C						MWG		11(1)
LEW 86236	1.5	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86238	28.9	L-6 CHONDRITE		B	A/B				59±9	MWG		11(1)
LEW 86239	25.4	H-6 CHONDRITE		C	B					MWG		11(1)
LEW 86246	2.3	L-3 CHONDRITE		C	A	1-29	2-18			MWG		11(1)
LEW 86250	141.8	H-5 CHONDRITE		C	A	19	17		45±2	MWG		11(2)
LEW 86252	32.9	H-6 CHONDRITE		C	A				155±19	MWG		11(1)
LEW 86253	10.1	H-6 CHONDRITE		B/C	A					MWG		11(1)
LEW 86258	24.1	CARBONACEOUS C4		B	A	29	5		4±2	MWG		11(1)
LEW 86268	22.0	L-6 CHONDRITE		B/C	A				16±1	MWG		11(1)
LEW 86269	22.4	L-6 CHONDRITE		C	A					MWG		11(1)
LEW 86270	4.2	L-3 CHONDRITE		B/C	B	0.6-28	0.4-19			MWG		11(1)
LEW 86274	36.0	L-6 CHONDRITE		B/C	A					MWG		11(1)
LEW 86281	55.7	H-6 CHONDRITE		C	A/B	17	15			MWG		11(2)
LEW 86282	62.4	L-6 CHONDRITE		B	A/B				89±0.2	MWG		11(1)
LEW 86287	41.5	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86288	10.8	L-6 CHONDRITE		C	A/B					MWG		11(1)
LEW 86289	17.6	L-6 CHONDRITE		B/C	B					MWG		11(1)
LEW 86295	43.8	H-6 CHONDRITE		B	A				5.7±0.3	MWG		11(1)
LEW 86307	4.9	L-3 CHONDRITE		B	A	3-29	2-14			MWG		11(2)
LEW 86309	13.8	L-6 CHONDRITE		B	B					MWG		11(1)
LEW 86311	67.1	L-6 CHONDRITE		B	A				53±1	MWG		11(1)
LEW 86312	101.8	H-5 CHONDRITE		B ^e	A	16	14		19.5±0.1	MWG		11(2)
LEW 86317	62.4	L-6 CHONDRITE		B	A				68±2	MWG		11(1)
LEW 86328	7.2	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86330	20.7	L-6 CHONDRITE		C	A					MWG		11(1)
LEW 86333	9.2	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86335	3.1	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86339	21.3	L-4 CHONDRITE		C	A	23	3-23			MWG		11(2)
LEW 86340	25.1	H-6 CHONDRITE		C	A				96±8	MWG		11(1)
LEW 86341	9.4	H-5 CHONDRITE		C	A					MWG		11(2)
LEW 86342	2.4	H-6 CHONDRITE		C	A	17	16			MWG		11(1)
LEW 86343	6.3	H-6 CHONDRITE		C	A					MWG		11(1)
LEW 86350	19.2	H-6 CHONDRITE		C	B				3±1	MWG		11(2)
LEW 86352	26.9	L-5 CHONDRITE		A/B	A	23	20		20.4±0.1	MWG		11(2)
LEW 86357	3.4	L-5 CHONDRITE		A/B	A	24	20			MWG		11(2)
LEW 86359	2.7	L-6 CHONDRITE		C	A					MWG		11(2)
LEW 86360	181.5	L-4 CHONDRITE		B/C	A	24	16-20		57±1	MWG		11(2)
LEW 86364	19.8	H-6 CHONDRITE		C	A				29.7±0.3	MWG		11(2)

LEW 86367	10.5	L-3 CHONDRITE	B	A	1-22	2-23	MWG	11(2)
LEW 86371	146.6	H-5 CHONDRITE	C	B	19	17	MWG	11(2)
LEW 86372	11.8	L-6 CHONDRITE	C	A			MWG	11(2)
LEW 86378	3.6	LL-6 CHONDRITE	C	A			MWG	11(2)
LEW 86380	31.6	H-4 CHONDRITE	B/C	A	16	14-21	MWG	11(2)
LEW 86381	6.6	H-6 CHONDRITE	C	B			MWG	11(2)
LEW 86392	6.0	L-5 CHONDRITE	B	A	25	21	MWG	11(2)
LEW 86393	69.9	H-5 CHONDRITE	C	B	18	16	MWG	11(2)
LEW 86399	6.9	L-6 CHONDRITE	B/C	A			MWG	11(2)
LEW 86404	8.2	L-6 CHONDRITE	B/C	A			MWG	11(2)
LEW 86408	1.4	L-3 CHONDRITE	C	A	11-25	2-23	MWG	11(2)
LEW 86409	23.7	L-6 CHONDRITE	C	A			MWG	11(2)
LEW 86416	18.2	H-6 CHONDRITE	C	A			MWG	11(2)
LEW 86417	1.6	L-3 CHONDRITE	B	A/B			MWG	11(2)
LEW 86418	42.8	H-5 CHONDRITE	C	C	1-22	2-24	MWG	11(2)
LEW 86419	2.3	LL-6 CHONDRITE	B	A	17	15	MWG	11(2)
LEW 86421	2.5	L-6 CHONDRITE	C	A			MWG	11(2)
LEW 86425	2.4	L-6 CHONDRITE	C	A			MWG	11(2)
LEW 86426	3.1	L-6 CHONDRITE	C	A			MWG	11(2)
LEW 86429	6.6	L-6 CHONDRITE	B/C	A/B			MWG	11(2)
LEW 86432	7.3	LL-6 CHONDRITE	B	A	30	24	MWG	11(2)
LEW 86433	6.1	H-6 CHONDRITE	C	A			MWG	11(2)
LEW 86435	4.8	H-4 CHONDRITE	C	A	18	6-18	MWG	11(2)
LEW 86436	3.9	L-3 CHONDRITE	C	A	6-26	2-22	MWG	11(2)
LEW 86442	59.1	H-5 CHONDRITE	C	A	18	16	MWG	11(2)
LEW 86445	9.3	H-6 CHONDRITE	C	A			MWG	11(2)
LEW 86446	9.8	H-4 CHONDRITE	C	A	18	8-19	MWG	11(2)
LEW 86447	9.5	L-6 CHONDRITE	B/C	A			MWG	11(2)
LEW 86463	64.8	H-5 CHONDRITE	C	A	18	16	MWG	11(2)
LEW 86466	70.9	H-6 CHONDRITE	C	A/B			MWG	11(2)
LEW 86470	58.5	H-5 CHONDRITE	C	A	18	16	MWG	11(2)
LEW 86471	82.9	H-6 CHONDRITE	C	A	17	15	MWG	11(2)
LEW 86474	6.8	H-6 CHONDRITE	C	A			MWG	11(2)
LEW 86478	1.9	L-6 CHONDRITE	A/B	A			MWG	11(2)
LEW 86479	141.2	H-5 CHONDRITE	C	A	17	15	MWG	11(2)
LEW 86483	10.0	LL-6 CHONDRITE	B/C	A			MWG	11(2)
LEW 86485	51.9	H-5 CHONDRITE	C	A	18	16	MWG	11(2)
LEW 86490	2209.1	L-6 CHONDRITE	Be	B/C			MWG	11(2)
LEW 86493	4.6	H-6 CHONDRITE	C	A/B			MWG	11(2)
LEW 86498 **	134.2	IRON-ANOMALOUS (UNGR)					MWG	11(2)
LEW 86501	84.6	H-5 CHONDRITE	C	B	18	16	MWG	11(2)
LEW 86504	7.6	H-6 CHONDRITE	B/C	A			MWG	11(2)
LEW 86505	43.9	L-3 CHONDRITE	Ae	A/B	2-30	1-20	MWG	11(2)
LEW 86513	6.1	H-5 CHONDRITE	B/C	B	18	16	MWG	11(2)
LEW 86514	65.1	H-5 CHONDRITE	C	A	18	16	MWG	11(2)
LEW 86522	42.7	H-6 CHONDRITE	C	A			MWG	11(2)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING		DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
			A/B	B/C	A/B	A/B						SI	AMN
LEW 86528	49.7	L-6 CHONDRITE	A/B	A/B	A/B	18	16		27±0.3	MWG		11(2)	
LEW 86534	89.3	H-5 CHONDRITE	B/C	A/B	A/B				14.4±0.4	MWG		11(2)	
LEW 86537	17.2	H-6 CHONDRITE	C	A	A					MWG		11(2)	
LEW 86540**	21.1	IRON-GROUP IIICD								MWG		11(2)	
LEW 86541	12.6	L-6 CHONDRITE	B	A	A		16		18.9±0.3	MWG		11(2)	
LEW 86543	26.4	H-6 CHONDRITE	B/C	A	A				52±4	MWG		11(2)	
LEW 86544	65.3	H-6 CHONDRITE	C	A	A	18				MWG		11(2)	
LEW 86549	50.1	L-3 CHONDRITE	B	A/B	A/B	5-20	1-29			MWG		11(2)	
LEW 87001	4.0	CARBONACEOUS C2	A	A	A	0-28	0-6			MWG		11(2)	
LEW 87002	6.9	EUCRITE	Ae	A	A	0-39	0-5			MWG		11(2)	
LEW 87003	2.1	CARBONACEOUS C2	B	A	A				4.3±0.4	MWG		11(2)	
LEW 87004	208.4	EUCRITE	A	A	A		31-56			MWG		11(2)	
LEW 87005	17.7	HOWARDITE	A	A	A		17-66			MWG		11(2)	
LEW 87006	269.5	MESOSIDERITE	B	A/B	A/B		17-36		10±1	MWG		11(2)	
LEW 87007	3.2	AUBRITE	B	B	B		0			MWG		11(2)	
LEW 87008	1.4	CARBONACEOUS C2	B	A	A					MWG		11(2)	
LEW 87009	50.5	CARBONACEOUS C6	Ae	A	A	31	28-55			MWG		11(2)	
LEW 87010	2.6	EUCRITE	A	A	A					MWG		11(2)	
LEW 87011	1.0	AUBRITE	B	A/B	A/B					MWG		11(2)	
LEW 87012	1.1	LL-5 CHONDRITE	B	B	B	29	23			MWG		11(2)	
LEW 87013	0.2	AUBRITE	A/B	B	B					MWG		11(2)	
LEW 87014	8.8	LL-6 CHONDRITE	A	A	A					MWG		11(2)	
LEW 87015	1.3	HOWARDITE	A	A	A		14-58			MWG		11(2)	
LEW 87016	16.8	CARBONACEOUS C2	B	B	B	0-28	0-1			MWG		11(2)	
LEW 87017	1.3	AUBRITE	A/B	A	A					MWG		11(2)	
LEW 87018	1.2	AUBRITE	A/B	A	A					MWG		11(2)	
LEW 87019	0.5	AUBRITE	A/B	B/C	B/C					MWG		11(2)	
LEW 87020	1.9	AUBRITE	B	B/C	B/C		0			MWG		11(2)	
LEW 87021	0.5	AUBRITE	A/B	B	B					MWG		11(2)	
LEW 87022	75.4	CARBONACEOUS C2	B	B	B	0-70	3-11		<1±	MWG		11(2)	
LEW 87023	14.0	H-5 CHONDRITE	C	A	A	17	15			MWG		11(2)	
LEW 87025	0.9	CARBONACEOUS C2	B	B	B					MWG		11(2)	
LEW 87026	22.7	EUCRITE	A	A	A		32-50			MWG		11(2)	
LEW 87027	0.8	CARBONACEOUS C2	B	A	A					MWG		11(2)	
LEW 87028	1.2	CARBONACEOUS C2	A	A	A					MWG		11(2)	
LEW 87029	4026.6	H-5 CHONDRITE	B/Ce	B	B	17	15		20.4±0.3	MWG		12(1)	
LEW 87030	7986.5	H-5 CHONDRITE	A/B	A/B	A/B	17	15		11.5±0.1	MWG		12(1)	
LEW 87031	1315.1	H-5 CHONDRITE	C	B	B	18	16		37.4±0.8	MWG		12(1)	
LEW 87032	1581.8	H-6 CHONDRITE	B	A	A					MWG		12(1)	
LEW 87033	1264.2	H-5 CHONDRITE	Be	A	A	17	15		5.0±0.1	MWG		12(1)	

LEW 87034	734.8	H-5 CHONDRITE	Be	A	18	16	29.7±0.2	MWG	12(1)
LEW 87035	413.3	L-6 CHONDRITE	A/Be	A	26	22	35±1	MWG	12(1)
LEW 87036	224.5	L-6 CHONDRITE	B	A	18	16	37±1	MWG	12(1)
LEW 87037	232.2	H-5 CHONDRITE	B	A	18	16	43.6±0.1	MWG	12(1)
LEW 87038	428.2	L-6 CHONDRITE	A/Be	A	16	15	39.6±0.6	MWG	12(1)
LEW 87039	309.4	H-6 CHONDRITE	C	A	16	15	42.7±0.2	MWG	12(1)
LEW 87040	418.2	L-6 CHONDRITE	B	A	17	16	44.0±0.5	MWG	12(1)
LEW 87041	181.6	H-5 CHONDRITE	C	A	17	16	117±2	MWG	12(1)
LEW 87042	212.1	L-6 CHONDRITE	B	A	26	22	37.0±0.3	MWG	12(1)
LEW 87043	201.8	H-5 CHONDRITE	B/C	A	17	15	0.65±0.04	MWG	12(1)
LEW 87044	534.8	H-6 CHONDRITE	B/C	A	16	15	34.7±0.6	MWG	12(1)
LEW 87045	245.1	L-6 CHONDRITE	C	A/B	16	15	29.8±0.3	MWG	12(1)
LEW 87046	440.2	L-6 CHONDRITE	B	A	18	16	26.8±0.3	MWG	12(1)
LEW 87047	455.7	H-6 CHONDRITE	B/C	A	19	16	6.9±0.1	MWG	12(1)
LEW 87048	277.6	H-6 CHONDRITE	Ce	C	19	16	1.7±0.3	MWG	12(1)
LEW 87049	309.7	L-4 CHONDRITE	B	A	24	19		MWG	12(1)
LEW 87050	129.7	H-6 CHONDRITE	B/C	A	18	16		MWG	12(1)
LEW 87051**	0.6	ANGRITE	A	A	19	33		MWG	12(1)
LEW 87052	2.8	H-6 CHONDRITE	C	A				MWG	12(1)
LEW 87053	0.4	HOWARDITE	A	A		20-64		MWG	12(1)
LEW 87055	150.0	H-6 CHONDRITE	C	A/B			25.5±0.7	MWG	12(1)
LEW 87058	7.3	L-6 CHONDRITE	B	A				MWG	12(1)
LEW 87060	0.8	H-6 CHONDRITE		A				MWG	12(1)
LEW 87061	14.0	L-6 CHONDRITE	B/C	A	24	20		MWG	12(1)
LEW 87062	24.0	L-6 CHONDRITE	B	A				MWG	12(1)
LEW 87063	25.0	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87066	7.2	L-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87069	10.3	L-6 CHONDRITE	B/C	A	23	20		MWG	12(1)
LEW 87070	2.6	L-5 CHONDRITE	B/C	A	29	23		MWG	12(1)
LEW 87071	5.3	LL-6 CHONDRITE	C	A				MWG	12(1)
LEW 87072	11.1	L-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87076	51.7	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87083	82.9	L-6 CHONDRITE	B/C	A	23	19		MWG	12(1)
LEW 87090	12.5	L-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87091	4.0	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87092	15.3	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87095	75.3	H-5 CHONDRITE	A/B	A	17	15	5.5±0.1	MWG	12(1)
LEW 87102	15.8	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87104	9.6	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87105	15.9	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87106	81.6	H-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87107	20.4	L-6 CHONDRITE	C	A				MWG	12(1)
LEW 87109**	0.9	IRON		A				MWG	12(3)
LEW 87113	97.8	L-6 CHONDRITE	B	A				MWG	12(1)
LEW 87114	3.1	L-6 CHONDRITE	B/C	A				MWG	12(1)
LEW 87118	27.2	L-6 CHONDRITE	B	A	24	19		MWG	12(1)

** Classification Change

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				C	B						SI	AMN
LEW 87119	12.0	E-6 CHONDRITE					0.5			MWG		12(1)
LEW 87120	6.3	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87122	2.1	L-6 CHONDRITE		B	A/B					MWG		12(1)
LEW 87123	43.9	LL-6 CHONDRITE		A	A			107±2		MWG		12(1)
LEW 87125	4.3	H-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87126	15.8	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87135	11.0	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87136	4.0	H-5 CHONDRITE		B/C	A	18	16			MWG		12(1)
LEW 87140	7.7	LL-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87142	4.1	H-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87143	112.9	L-6 CHONDRITE		A/B	A			0.42±0.03		MWG		12(1)
LEW 87145	9.7	L-6 CHONDRITE		A/B	A					MWG		12(1)
LEW 87146	2.0	LL-6 CHONDRITE		A	A					MWG		12(1)
LEW 87148	42.5	CARBONACEOUS C2		Ae	A	0-22	2-58		<1±	MWG		12(1)
LEW 87149	2.1	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87151	21.5	LL-6 CHONDRITE		B	B/C	27	23			MWG		12(1)
LEW 87152	0.6	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87153	34.1	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87154	61.4	H-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87155	54.0	H-5 CHONDRITE		C	A	17	15			MWG		12(1)
LEW 87158	28.9	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87159	0.3	LL-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87161	20.0	H-6 CHONDRITE		B/C	B					MWG		12(1)
LEW 87165	5.0	URELITE		B	A	15	13			MWG		12(1)
LEW 87166	122.7	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87167	1.4	CARBONACEOUS C2		B	A					MWG		12(1)
LEW 87169	169.8	L-6 CHONDRITE		B	B				0.7±0.1	MWG		11(2)
LEW 87170	0.2	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87171	95.6	H-5 CHONDRITE		B/C	A	16	15			MWG		12(1)
LEW 87172	93.2	H-5 CHONDRITE		B/C	A	17	15			MWG		12(1)
LEW 87173	45.1	L-6 CHONDRITE		B	B					MWG		12(1)
LEW 87174	101.5	L-6 CHONDRITE		A/B	A					MWG		12(1)
LEW 87175	127.4	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87179	4.9	L-6 CHONDRITE		B	A					MWG		12(1)
LEW 87181	38.3	LL-6 CHONDRITE		B	A					MWG		12(1)
LEW 87182	60.1	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87183	57.9	H-5 CHONDRITE		C	B	18	16			MWG		12(1)
LEW 87187	6.3	L-6 CHONDRITE		B/C	A					MWG		12(1)
LEW 87189	30.6	H-6 CHONDRITE		B/Ce	A					MWG		12(1)
LEW 87192	24.0	L-6 CHONDRITE		A	A					MWG		12(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING		%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				B/C	A/B						SI	AMN
LEW 88014	466.5	H-5 CHONDRITE	B/C	B/C	18	16				MWG		12(3)
LEW 88015	528.2	L-6 CHONDRITE	A/B	A	23	20				MWG		12(3)
LEW 88023**	8.0	IRON-W/SIL INC.								MWG		12(3)
MAC 87300	167.5	CARBONACEOUS C2	B	A	0-52	1-8		17±6		MWG		11(2)
MAC 87301	110.9	CARBONACEOUS C2	B	A	0-45	2-9		17±2		MWG		11(2)
MAC 87302	1094.6	L-4 CHONDRITE	A/B	A	24	20		2.5±0.4		MWG		11(2)
MAC 87303	254.2	L-4 CHONDRITE	A/B	A	24	20		5±2		MWG		11(2)
MAC 87304	1433.0	L-6 CHONDRITE	Be	A/B				12.9±0.1		MWG		12(1)
MAC 87305	1244.2	L-4 CHONDRITE	B/C	B/C	23	8-21		100±1		MWG		12(1)
MAC 87306	1198.7	L-4 CHONDRITE	Be	A	23	8-21		67±2		MWG		12(1)
MAC 87307	1055.6	H-4 CHONDRITE	Be	A	18	16		0.7±0.1		MWG		12(1)
MAC 87308	770.8	L-6 CHONDRITE	B/Ce	B				0.14±0.03		MWG		12(1)
MAC 87309	684.7	L-6 CHONDRITE	B	A				21.2±0.4		MWG		12(1)
MAC 87310	411.0	L-4 CHONDRITE	A/B	A	23	19		3±1		MWG		11(2)
MAC 87311	312.8	H-4 CHONDRITE	C	A/B	18	16		0.6±0.1		MWG		12(1)
MAC 87312	322.5	H-5 CHONDRITE	C	A/B	18	16		2.1±0.4		MWG		12(1)
MAC 87313	430.0	H-5 CHONDRITE	B/C	A/B	19	16		23.2±0.3		MWG		12(1)
MAC 87314	319.3	L-6 CHONDRITE	A/B	A				50.4±0.5		MWG		12(1)
MAC 87315	219.1	H-6 CHONDRITE	C	A				0.68±0.02		MWG		12(1)
MAC 87316	13.3	L-6 CHONDRITE	B	A						MWG		12(1)
MAC 87317	120.5	LL-6 CHONDRITE	A/B	A				47.0±0.5		MWG		12(1)
MAC 87318	196.9	LL-6 CHONDRITE	B	B				22.1±0.3		MWG		12(1)
MAC 87319	86.2	H-5 CHONDRITE	B/C	B	17	16		86±1		MWG		12(1)
MAC 87320	16.2	CARBONACEOUS C2	Be	A	1-30	1-7				MWG		12(1)
MAC 88100	177.3	CARBONACEOUS C2	Be	A	0.5-24	1-4				MWG		12(3)
MAC 88102	754.3	MESOSIDERITE	B	B	18	30				MWG		12(3)
MAC 88103	20.4	H-5 CHONDRITE	B	A	19	16				MWG		12(3)
MAC 88104	61.2	LUNAR-ANORTH. BRECCIA	A/Be	A/B	24	19-28		2.4±0.3		MWG		12(2)
MAC 88105	662.5	LUNAR-ANORTH. BRECCIA	A/Be	A/B	10-34	25		2.9±0.3		MWG		12(2)
MAC 88107	192.8	CARBONACEOUS C2	Be	A	0.5-39	0.8-9				MWG		12(3)
MAC 88108	6988.4	H-5 CHONDRITE	B/Ce	B	18	16				MWG		12(3)
MAC 88109	4112.1	L-5 CHONDRITE	B	A/B	24	21				MWG		12(3)
MAC 88110	5369.9	H-5 CHONDRITE	B/Ce	B/C	17	15				MWG		12(3)
MAC 88111	6441.5	H-4 CHONDRITE	B	A	18	15-17				MWG		12(3)
MAC 88115	2247.3	H-5 CHONDRITE	B	B/C	17	15				MWG		12(3)
MAC 88116	1453.0	H-5 CHONDRITE	C	A	18	16				MWG		12(3)
MAC 88118	1142.3	L-5 CHONDRITE	A/B	A/B	23	20				MWG		12(3)
MAC 88119	920.8	H-5 CHONDRITE	A/B	A	19	16				MWG		12(3)

MBRA76001	4108.0	H-6 CHONDRITE	B	B	18	16	73±4	MWG	23,12	1(3) 4(1)
MBRA76002	13773.0	H-6 CHONDRITE	B	B	18	16		MWG		
META78001	624.4	H-4 CHONDRITE	B/C	B	17	14-21	53±3	MWG	24,19	3(1) 4(1)
META78002	542.2	L-6 CHONDRITE	B	A	23	20	47±3	MWG	24,19	3(1) 4(1)
META78003	1726.0	L-6 CHONDRITE	B	B	24	21	50±3	NMNH	24,19	3(2) 4(1)
META78004	30.3	L-6 CHONDRITE	B	A			49±4	MWG		9(2)
META78005	172.0	L-6 CHONDRITE	B	B	24	20	44±3	NMNH	24,19	3(2) 4(1)
META78006	409.6	H-6 CHONDRITE	C	B	18	15	60±4	MWG	24,19	3(1) 4(1)
META78007	174.8	H-6 CHONDRITE	B/C	B	19	17		MWG	24,19	3(1) 3(3) 4(1)
META78008	125.5	URELITE	B	B	22	13		MWG		3(1) 9(2)
META78009	28.8	H-5 CHONDRITE	B	A			68±4	MWG		9(2)
META78010	233.5	H-5 CHONDRITE	B ^e	A	19	17	56±3	MWG	24,19	3(2) 4(1)
META78011	115.7	H-5 CHONDRITE	C	A	17	15	39±3	MWG		9(2)
META78012	86.3	H-5 CHONDRITE	B	B	17	16		MWG		3(1) 9(2)
META78013	131.9	H-6 CHONDRITE	B	B			61±4	MWG		9(2)
META78014	100.5	H-6 CHONDRITE	C	A			68±4	MWG		3(1) 9(2)
META78015	36.8	L-5 CHONDRITE	B	A			42±5	MWG		3(1) 9(2)
META78016	114.1	H-6 CHONDRITE	B/C	B				MWG		3(1) 9(2)
META78017	46.9	H-6 CHONDRITE	B/C	A	18	16		MWG		9(2)
META78018	81.9	H-5 CHONDRITE	B	A			58±4	MWG		9(2)
META78019	91.1	H-6 CHONDRITE	A/B	B			08±6	MWG		9(2)
META78020	63.7	H-6 CHONDRITE	C	A	18	16		MWG		9(2)
META78021	22.6	L-6 CHONDRITE	B/C	B			52±12	MWG		9(2)
META78022	48.5	H-6 CHONDRITE	B/C	A				MWG		9(2)
META78023	55.6	H-6 CHONDRITE	B	A	18	16	54±5	MWG		9(2)
META78024	22.2	H-6 CHONDRITE	B	B				MWG		9(2)
META78025	58.2	H-6 CHONDRITE	C	B/C			33±2	MWG		9(2)
META78026	75.2	H-6 CHONDRITE	C	A	18	15		MWG		9(2)
META78027	52.5	H-6 CHONDRITE	B	B	18	16	69±6	MWG		9(2)
META78028	20657.0	L-6 CHONDRITE	B	B	25	21	56±3	MWG	22.7±0.7	3(1) 3(2) 4(1)

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Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING			%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@ 250°C)	CUSTODY	REFERENCES	
				C	A	B/C						SI	AMN
MIL 85600	496.9	H-5 CHONDRITE		C	A		18	15			MMG	26,23	10(1)
OTTA80301	35.5	H-3 CHONDRITE		B/C	B		17-19	4-19	82±3		MMG	28,29	5(1)
PCA 82500	90.9	CARBONACEOUS C4		Be	C		31				MMG		6(2)
PCA 82501	54.4	EUCRITE (UNBRECCIATED)		A	A			41-57			MMG	28,29	7(2)
PCA 82502	890.4	EUCRITE (UNBRECCIATED)		A	A			36-61			MMG	28,29	6(2)
PCA 82503	8308.0	L-6 CHONDRITE		Ae	B		24	20			MMG	28,29	7(1)
PCA 82504	3093.6	L-5 CHONDRITE		A/B	B		23	20			MMG	28,29	7(1)
PCA 82505	3085.5	L-5 CHONDRITE		B	B		23	20			MMG	28,29	7(1)
PCA 82506	5316.0	URELITE		A/Be	A		21	18			MMG	28,29	7(1)
PCA 82507	479.8	L-6 CHONDRITE		A	A/B		30	25			MMG	28,29	7(1)
PCA 82508	389.3	L-6 CHONDRITE		A/B	B		23	20			MMG	28,29	7(1)
PCA 82509	285.6	L-6 CHONDRITE		B	A		25	21			MMG	28,29	7(1)
PCA 82510	254.2	L-5 CHONDRITE		A	A		24	20			MMG	28,29	7(1)
PCA 82511	149.0	H-4 CHONDRITE		B	B		17	14			MMG	28,29	7(1)
PCA 82512	55.2	H-6 CHONDRITE		B	A		18	16			MMG	28,29	7(2)
PCA 82513	239.1	L-5 CHONDRITE		A/B	A		24	20			MMG	28,29	7(1)
PCA 82514	129.8	L-4 CHONDRITE		B	A		23	11-22			MMG	28,29	7(2)
PCA 82515	6.9	H-4 CHONDRITE		B	A/B		17	14			MMG		7(2)
PCA 82516	16.0	H-6 CHONDRITE		B/C	B		18	16			NMNH		7(2)
PCA 82517	41.3	H-5 CHONDRITE		B/C	B		19	17			MMG		7(2)
PCA 82518	21.9	E-4 CHONDRITE		B	A		0.8				MMG	28,29	7(2)
PCA 82519	125.0	L-5 CHONDRITE		B	A		24	21			MMG	28,29	7(2)
PCA 82520	22.7	H-3 CHONDRITE		B/C	A/B		15-22	2-19			MMG	28,29	7(2)
PCA 82521	1.4	H-5 CHONDRITE		C	A		18	16			NMNH		7(2)
PCA 82522	45.5	H-5 CHONDRITE		B/C	B		18	16			MMG		7(2)
PCA 82523	11.5	H-6 CHONDRITE		A	B		19	16			NMNH		7(2)
PCA 82524	113.8	H-4 CHONDRITE		A/B	B		18	16			MMG	28,29	7(2)
PCA 82525	40.2	L-6 CHONDRITE		B	B		24	20			MMG		7(2)
PCA 82526	24.9	H-6 CHONDRITE		B	A		18	16			MMG		7(2)
PCA 82527	3.4	H-6 CHONDRITE		A	A		18	16			NMNH		7(2)
PCA 82528	51.4	L-6 CHONDRITE		B/C	B		25	21			MMG	24,49	7(2)
PGPA77006	19068.0	IRON-GROUP IA									NMNH	23,12	3(2)
QUE 86900	1532.3	MESOSIDERITE		C	A			21-64			MMG		4(1)
QUE 87400	118.7	L-6 CHONDRITE		B	A				16±7		MMG		10(2)
QUE 87401	4866.2	L-6 CHONDRITE		B	A				1.1±0.5		MMG		12(1)
									50.0±0.7		MMG		12(1)

RKPA78001	234.9	L-6 CHONDRITE	C	B	23	20	49±3	MMG	24,19	3(1)
RKPA78002	8483.0	H-4 CHONDRITE	Be	A/B	18	15		MMG	24,19	4(1)
RKPA78003	1276.0	L-6 CHONDRITE	Ce	B	23	20	50±3	NMNH	24,19	3(2)
RKPA78004	166.9	H-4 CHONDRITE	A	A	17	14-21	39±2	MMG	24,19	4(1)
RKPA78005	28.7	H-5 CHONDRITE	B	B			65±5	MMG		4(1)
RKPA79001	3006.0	L-6 CHONDRITE	Be	C	23	20	58±4	MMG	24,19	9(2)
RKPA79002	203.6	L-6 CHONDRITE	B	B	24	20	60±3	NMNH	24,19	4(1)
RKPA79003	182.2	H-6 CHONDRITE	B	A	18	16	59±4	MMG	24,19	4(1)
RKPA79004	370.9	H-5 CHONDRITE	B/C	B	18	16	45±3	MMG	24,19	4(1)
RKPA79008	73.0	L-3 CHONDRITE	B	B	1-29	2-28		MMG	24,19	4(1)
RKPA79009	54.7	H-6 CHONDRITE	C	B	18	16	47±2	NMNH	24,19	4(1)
RKPA79012	12.8	H-6 CHONDRITE	B	B	18	16		NMNH	24,19	4(1)
RKPA79013	11.0	L-5 CHONDRITE	B/C	B	23	20	56±4	NMNH	24,19	4(1)
RKPA79014	77.7	H-5 CHONDRITE	B/C	B	18	16		MMG	24,19	4(1)
RKPA79015	10022.0	MESOSIDERITE	A/B	A		24		NMNH	26,49	3(3)
RKPA80201	813.0	H-6 CHONDRITE	Be	A	19	16	52±3	NMNH	26,23	4(1)
RKPA80202	544.5	L-6 CHONDRITE	Be	A	24	20	53±3	MMG	26,23	4(2)
RKPA80203	3.8	H-6 CHONDRITE	C	A	19	17		NMNH		5(1)
RKPA80204	15.5	EUCRITE	A	A		52-57		MMG	26,23	4(2)
RKPA80205	53.8	H-3 CHONDRITE	B	B	17-20	5-13		MMG	26,23	5(1)
RKPA80206	46.6	H-6 CHONDRITE	C	B	19	17		NMNH		5(1)
RKPA80207	17.7	L-3 CHONDRITE	C	B	15-29	6-28		MMG	26,23	5(1)
RKPA80208	10.2	H-6 CHONDRITE	B	A	19	17		NMNH		5(1)
RKPA80209	9.7	L-5 CHONDRITE	C	B	25	21	44±2	NMNH	26,23	5(1)
RKPA80210	10.6	H-5 CHONDRITE	B/C	B	19	16		NMNH		5(1)
RKPA80211	2.1	H-6 CHONDRITE	C	B	19	17		MMG		5(1)
RKPA80213	19.1	H-6 CHONDRITE	B/C	B	19	17		NMNH		5(1)
RKPA80214	4.9	H-6 CHONDRITE	C	B	19	17		NMNH		5(1)
RKPA80215	9.0	L-6 CHONDRITE	C	B	24	20		NMNH	26,23	5(1)
RKPA80216	44.3	L-4 CHONDRITE	B	B	23	20	71±5	MMG	26,23	5(1)
RKPA80217	7.8	H-5 CHONDRITE	C	A	18	15		NMNH		5(1)
RKPA80218	6.7	H-5 CHONDRITE	C	A	18	15		NMNH		5(1)
RKPA80219	21.5	L-6 CHONDRITE	B	A	25	21	60±2	NMNH		5(1)
RKPA80220	124.5	H-5 CHONDRITE	B/C	B/C	18	16		MMG	26,23	5(1)
RKPA80221	51.9	H-6 CHONDRITE	C	B/C	19	17		NMNH		5(1)
RKPA80222	7.0	LL-6 CHONDRITE	B	B	28	23	61±4	NMNH	26,23	5(1)
RKPA80223	25.1	H-5 CHONDRITE	C	B	18	16	54±2	NMNH	26,23	5(1)

Table 1. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	WEATHERING	DEGREE OF FRACTURING	%Fa	%Fs	²⁶ Al (dpm/kg)	NTL (krad@250°C)	CUSTODY	REFERENCES
		(UNBRECCIATED)	A/B	A						SI AMN
RKPA80224	8.0	EUCRITE	A/B	A		54			MWG	26,23 4(2)
RKPA80225	8.3	L-6 CHONDRITE	C	A	25	21			NMNH	5(1)
RKPA80226**	160.3	IRON-GROUP IA							MWG	5(1)
RKPA80227	7.7	H-5 CHONDRITE	B/C	A	19	16			MWG	26,49 5(1)
RKPA80228	11.1	L-5 CHONDRITE	C	B	23	19			NMNH	5(1)
RKPA80229	14.1	MESOSIDERITE	C	B/C		24			MWG	26,23 5(1)
RKPA80230	58.2	H-5 CHONDRITE	B	B	18	16			MWG	26,49 5(1)
RKPA80231	238.1	H-6 CHONDRITE	C	B/C	18	16	62±4		NMNH	5(1) 4(2)
RKPA80232	80.1	H-4 CHONDRITE	B	A	18	16	62±4		MWG	5(1)
RKPA80233	413.5	H-5 CHONDRITE	B/C	B	18	16	67±4		MWG	5(1) 4(2)
RKPA80234	136.2	LL-5 CHONDRITE	B	B	26	22	58±3		MWG	5(1)
RKPA80235	261.2	LL-6 CHONDRITE	A/B	B	30	24	55±3		MWG	5(1) 4(2)
RKPA80236	15.6	H-5 CHONDRITE	B/C	B	18	16			NMNH	5(1)
RKPA80237	22.2	H-4 CHONDRITE	C	B	18	16	46±3		MWG	5(1)
RKPA80238	18.4	LL-6 CHONDRITE	A/B	A	28	23			NMNH	5(1)
RKPA80239	5.6	UREILITE	B	B	16	15			MWG	5(1)
RKPA80240	61.4	H-5 CHONDRITE	C	A	18	16			MWG	5(1)
RKPA80241	0.6	CARBONACEOUS C3V	B	B	1-6	1-8			MWG	5(1)
RKPA80242	7.3	L-4 CHONDRITE	B/C	B	22	19			MWG	5(1)
RKPA80243	3.4	H-5 CHONDRITE	C	A	18	16			MWG	5(1)
RKPA80244	14.2	H-5 CHONDRITE	C	B	18	16			NMNH	5(1)
RKPA80245	36.7	H-5 CHONDRITE	B/C	B	18	16			NMNH	5(1)
RKPA80246	5.8	MESOSIDERITE	C	C	18	16			MWG	5(1)
RKPA80247	1.1	H-5 CHONDRITE	C	B	18	16			MWG	5(1)
RKPA80248	11.3	LL-6 CHONDRITE	A/B	A	27	23			MWG	5(1)
RKPA80249	9.7	H-5 CHONDRITE	B/C	A	17	15			NMNH	5(1)
RKPA80250	3.9	H-5 CHONDRITE	B/C	A	17	15			NMNH	5(1)
RKPA80251	29.1	H-5 CHONDRITE	B	B	17	15	49±4		NMNH	5(1)
RKPA80252	11.2	L-6 CHONDRITE	A/B	A	24	20			NMNH	5(1)
RKPA80253	4.6	LL-5 CHONDRITE	A/B	A	27	22			NMNH	5(1)
RKPA80254	68.5	H-6 CHONDRITE	C	B/C	19	17	60±2		NMNH	5(1)
RKPA80255	6.7	H-6 CHONDRITE	C	B	19	17			NMNH	5(1)
RKPA80256	153.2	L-3 CHONDRITE	B	A	20-25	10-26	62±4		MWG	5(1) 4(2)
RKPA80257	8.5	H-5 CHONDRITE	B/C	B	17	15			NMNH	5(1)
RKPA80258	4.3	MESOSIDERITE	B/C	B		17-21			MWG	5(1)

RKPA80259	20.2	E-5 CHONDRITE	B/Ce	B	0-1	MMG	26,23	5(1)
RKPA80260	7.5	H-5 CHONDRITE	C	B	18	NMNH		5(1)
RKPA80261	61.6	L-6 CHONDRITE	B	A	24	MMG		5(1)
RKPA80262	32.1	H-6 CHONDRITE	C	B	19	NMNH		5(1)
RKPA80263	16.7	MESOSIDERITE	C	B	24	MMG	26,49	5(1)
RKPA80264	23.9	L-6 CHONDRITE	B	B	24	NMNH		5(1)
RKPA80265	7.8	H-6 CHONDRITE	C	B	19	NMNH		5(1)
RKPA80266	9.8	H-6 CHONDRITE	B/C	B	19	NMNH		5(1)
RKPA80267	24.2	H-4 CHONDRITE	C	A	19	MMG	26,23	5(1)
RKPA80268	3.4	L-5 CHONDRITE	B/C	B	24	NMNH	26,23	5(1)
RKP 86700	424.1	L-3 CHONDRITE	B	B	17-27	MMG		11(1)
RKP 86701	176.8	H-6 CHONDRITE	B	A	18	MMG		11(1)
RKP 86702	195.2	L-6 CHONDRITE	C	A/B	24	MMG		11(1)
RKP 86703	196.0	H-6 CHONDRITE	C	B/C	19	MMG		11(1)
RKP 86704	137.9	LL-6 CHONDRITE	B/C	A	18	MMG		11(1)
RKP 86705	68.5	H-5 CHONDRITE	B	C	25	MMG	28,29	7(1)
TIL 82400	220.8	L-5 CHONDRITE	A/B	B	21	MMG	28,29	7(1)
TIL 82401	281.6	L-6 CHONDRITE	A/B	A	25	MMG	28,29	7(1)
TIL 82402	476.0	LL-6 CHONDRITE	A/B	A	29	MMG	28,29	7(1)
TIL 82403	49.8	EUCRITE (BRECCIATED)	A	A	43-58	MMG	28,29	6(2)
TIL 82404	321.6	L-4 CHONDRITE	B	B	23	MMG	28,29	7(1)
TIL 82405	1115.7	H-6 CHONDRITE	B	A	19	MMG	28,29	7(1)
TIL 82406	152.0	L-4 CHONDRITE	B	A	23	MMG	28,29	7(2)
TIL 82407	220.8	L-4 CHONDRITE	B/C	A	23	MMG	28,29	7(1)
TIL 82408	80.1	LL-3 CHONDRITE	B	A/B	1-29	MMG	28,29	7(2)
TIL 82409	230.9	H-5 CHONDRITE	B	A	18	MMG	28,29	7(1)
TIL 82410	18.8	DIAGENITE	A	B	24	MMG	28,29	7(2)
TIL 82411	179.5	L-4 CHONDRITE	A/B	A	24	MMG	28,29	7(1)
TIL 82412	35.2	H-5 CHONDRITE	C	B	17	MMG		7(2)
TIL 82413	18.4	H-5 CHONDRITE	C	B	17	NMNH		7(2)
TIL 82414	15.4	H-5 CHONDRITE	B	A	17	NMNH		7(2)
TIL 82415	70.2	H-5 CHONDRITE	A/B	A	17	MMG		7(2)
TYR82700	892.1	L-4 CHONDRITE	Be	A	24	MMG	28,29	7(1)

TABLE 2

**COMPREHENSIVE LISTING OF METEORITES SORTED
BY PETROLOGIC TYPE**

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
ACHONDRITES				
ALH 84025**	4.6	ACHON. (BRACHINA-LIKE)		FAR WESTERN
ALHA81187	40.0	ACHONDRITE (UNIQUE)	ALHA81187	MAIN
ALH 84190	7.9	ACHONDRITE (UNIQUE)	ALHA81187	MAIN
EET 84302**	59.6	ACHONDRITE (UNIQUE)		
LEW 86010**	6.9	ANGRITE		UPPER ICE TONGUE
LEW 87051**	.6	ANGRITE		SOUTH LEWIS CLIFF
ALHA78113	298.6	AUBRITE		MAIN
ALH 83009	1.7	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 83015	3.1	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84007	705.6	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84008	301.6	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84009	335.6	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84010	303.0	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84011	138.2	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84012	224.7	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84013	159.9	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84014	49.4	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84015	263.9	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84016	149.7	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84017	79.8	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84018	81.7	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84019	93.2	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84020	191.1	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84021	35.7	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84022	12.5	AUBRITE	ALH 83009	NEAR WESTERN
ALH 84023	262.4	AUBRITE	ALH 83009	MIDDLE WESTERN
ALH 84024	194.4	AUBRITE	ALH 83009	MIDDLE WESTERN
LEW 87007	3.2	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87011	1.0	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87013	.2	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87017	1.3	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87018	1.2	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87019	.5	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87020	1.9	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87021	.5	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
LEW 87294	3.9	AUBRITE	LEW 87007	SOUTH LEWIS CLIFF
ALHA77256	676.2	DIOGENITE		MAIN
ALH 84001	1930.9	DIOGENITE		FAR WESTERN
ALH 85015	3.2	DIOGENITE		FAR WESTERN
EETA79002	2843.0	DIOGENITE		
EET 83246	48.3	DIOGENITE		
EET 83247	22.5	DIOGENITE		
EET 87530	5.0	DIOGENITE		
TIL 82410	18.8	DIOGENITE		
ALHA81208	1.6	DIOGENITE/MESOSIDERITE		MAIN
ALH 85001	212.3	EUCRITE		FAR WESTERN
EET 83236	6.4	EUCRITE		
EET 87520	52.3	EUCRITE		
EET 87532	193.5	EUCRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 87542	608.6	EUCRITE		
EET 87548	560.2	EUCRITE		
HOW 88401	1622.7	EUCRITE		
LEW 85300	210.3	EUCRITE	LEW 85300	LOWER ICE TONGUE
LEW 85302	114.5	EUCRITE	LEW 85300	LOWER ICE TONGUE
LEW 85303	408.0	EUCRITE	LEW 85300	LOWER ICE TONGUE
LEW 85305	40.8	EUCRITE		LOWER ICE TONGUE
LEW 85353	24.5	EUCRITE		LOWER ICE TONGUE
LEW 86001	290.6	EUCRITE		UPPER ICE TONGUE
LEW 87002	6.9	EUCRITE		SOUTH LEWIS CLIFF
LEW 87004	208.4	EUCRITE		SOUTH LEWIS CLIFF
LEW 87010	2.6	EUCRITE		SOUTH LEWIS CLIFF
LEW 87026	22.7	EUCRITE		UPPER ICE TONGUE
LEW 88005	253.9	EUCRITE	LEW 85300	LOWER ICE TONGUE
RKPA80204	15.5	EUCRITE		
LEW 86003	1.6	EUCRITE (BRECCIATED)		UPPER ICE TONGUE
TIL 82403	49.8	EUCRITE (BRECCIATED)		
ALHA76005	1425.0	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA77302	235.5	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA78040	211.7	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA78132	656.0	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA78158	15.1	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA78165	20.9	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA79017	310.0	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA80102	471.2	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA81001**	52.9	EUCRITE (POLYMICT ?)	ALHA76005	MAIN
ALHA81006	254.9	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA81007	163.5	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA81008	43.8	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA81009**	229.0	EUCRITE (POLYMICT ?)	ALHA76005	MAIN
ALHA81010	219.1	EUCRITE (POLYMICT)	ALHA76005	MAIN
ALHA81011**	405.7	EUCRITE (POLYMICT)		MAIN
ALHA81012**	36.7	EUCRITE (POLYMICT)	ALHA76005	MAIN
EETA79004**	390.3	EUCRITE (POLYMICT)	EETA79004	
EETA79005	450.9	EUCRITE (POLYMICT)	EETA79005	
EETA79011	86.4	EUCRITE (POLYMICT)	EETA79004	
EET 83212	402.1	EUCRITE (POLYMICT)		
EET 83227	1973.0	EUCRITE (POLYMICT)	EETA79005	
EET 83228	1206.0	EUCRITE (POLYMICT)	EETA79004	
EET 83229	312.9	EUCRITE (POLYMICT)	EETA79004	
EET 83231	66.4	EUCRITE (POLYMICT)	EETA79004	
EET 83232	211.2	EUCRITE (POLYMICT)	EETA79004	
EET 83234	180.6	EUCRITE (POLYMICT)	EETA79004	
EET 83235**	254.6	EUCRITE (POLYMICT)	EETA79005	
EET 83251	261.4	EUCRITE (POLYMICT)	EETA79004	
EET 83283	57.3	EUCRITE (POLYMICT)	EETA79004	
LEW 86002	32.6	EUCRITE (UNBRECCIATED)		LOWER ICE TONGUE
PCA 82501	54.4	EUCRITE (UNBRECCIATED)		
PCA 82502	890.4	EUCRITE (UNBRECCIATED)		
RKPA80224	8.0	EUCRITE (UNBRECCIATED)		
ALHA78006	8.0	HOWARDITE		MAIN
EETA79006	716.4	HOWARDITE	EETA79006	
EET 82600	247.1	HOWARDITE	EETA79006	
EET 83376	79.3	HOWARDITE		
EET 87503	1734.5	HOWARDITE	EET 87503	

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 87509	583.9	HOWARDITE	EET 87503	
EET 87510	250.3	HOWARDITE	EET 87503	
EET 87512	181.6	HOWARDITE	EET 87503	
EET 87513	394.5	HOWARDITE	EET 87503	
EET 87518	349.6	HOWARDITE	EET 87503	
EET 87528	40.5	HOWARDITE		
EET 87531	527.2	HOWARDITE	EET 87503	
LEW 85313	191.2	HOWARDITE	LEW 85441	LOWER ICE TONGUE
LEW 85441	10.9	HOWARDITE	LEW 85441	LOWER ICE TONGUE
LEW 87005	17.7	HOWARDITE	LEW 87005	SOUTH LEWIS CLIFF
LEW 87015	1.3	HOWARDITE	LEW 87005	SOUTH LEWIS CLIFF
LEW 87053	.4	HOWARDITE	LEW 87005	SOUTH LEWIS CLIFF
ALHA81005	31.4	LUNAR-ANORTH. BRECCIA		MIDDLE WESTERN
MAC 88104	61.2	LUNAR-ANORTH. BRECCIA	MAC88104	
MAC 88105	662.5	LUNAR-ANORTH. BRECCIA	MAC88104	
EET 87521	30.7	LUNAR-BASALTIC BRECCIA		
ALHA77005	482.5	SHERGOTTITE		MAIN
ALHA81313	.5	SHERGOTTITE (?)		MAIN
EETA79001	7942.0	SHERGOTTITE		
ALHA77257	1995.7	UREILITE		MAIN
ALHA78019	30.3	UREILITE	ALHA78019	MAIN
ALHA78262	26.2	UREILITE	ALHA78019	MAIN
ALHA81101	119.2	UREILITE		MAIN
ALH 82106	35.1	UREILITE	ALH 82106	FAR WESTERN
ALH 82130	44.6	UREILITE	ALH 82106	FAR WESTERN
ALH 83014	1.3	UREILITE		MIDDLE WESTERN
ALH 84136	83.5	UREILITE		FAR WESTERN
EET 83225	44.0	UREILITE		
EET 83309**	60.8	UREILITE		
EET 87511	65.1	UREILITE	EET 87511	
EET 87517	272.6	UREILITE		
EET 87523	27.5	UREILITE	EET 87511	
EET 87717	27.2	UREILITE	EET 87511	
EET 87720	91.3	UREILITE		
LEW 85328	106.8	UREILITE		LOWER ICE TONGUE
LEW 85440	43.8	UREILITE		LOWER ICE TONGUE
LEW 86216	6.5	UREILITE		UPPER ICE TONGUE
LEW 87165	5.0	UREILITE		SOUTH LEWIS CLIFF
META78008	125.5	UREILITE		
PCA 82506	5316.0	UREILITE		
RKPA80239	5.6	UREILITE		
STONY IRONS				
ALHA77219	637.1	MESOSIDERITE	ALHA77219	NEAR WESTERN
ALHA81059	539.5	MESOSIDERITE	ALHA77219	NEAR WESTERN
ALHA81098	70.9	MESOSIDERITE	ALHA77219	NEAR WESTERN
EET 87500	8132.0	MESOSIDERITE	EET 87500	
EET 87501	4403.0	MESOSIDERITE	EET 87500	
LEW 86210	9.2	MESOSIDERITE		UPPER ICE TONGUE
LEW 87006	269.5	MESOSIDERITE		SOUTH LEWIS CLIFF
MAC 88102	754.3	MESOSIDERITE		
QUE 86900	1532.3	MESOSIDERITE		
RKPA79015	10022.0	MESOSIDERITE	RKPA79015	

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
RKPA80229	14.1	MESOSIDERITE	RKPA79015	
RKPA80246	5.8	MESOSIDERITE	RKPA79015	
RKPA80258	4.3	MESOSIDERITE	RKPA79015	
RKPA80263	16.7	MESOSIDERITE	RKPA79015	
IRONS				
LEW 87109**	.9	IRON		UPPER ICE TONGUE
LEW 86220	25.0	IRON-W/SIL.INC.		UPPER ICE TONGUE
LEW 88023**	8.0	IRON-W/SIL.INC.		LOWER ICE TONGUE
ALHA81014**	188.2	IRON-(UNGR)		MAIN
LEW 85369**	6.3	IRON-(UNGR)		LOWER ICE TONGUE
ALH 84233**	13.6	IRON-(UNGR) W/SIL.INC.		NEAR WESTERN
LEW 86211**	163.1	IRON-ANOMALOUS (UNGR)	LEW 86211	SECOND ICE FALL
LEW 86498**	134.2	IRON-ANOMALOUS UNGR)	LEW 86211	LOWER ICE TONGUE
ALHA77255**	765.1	IRON-ATAXITE (UNGR)		NEAR WESTERN
ALHA80104**	882.0	IRON-ATAXITE (UNGR)		MAIN
EET 83230	530.0	IRON-ATAXITE (UNGR)		
ILD 83500**	2523.0	IRON-ATAXITE (UNGR)		
ALHA76002	1510.0	IRON-GROUP IA	ALHA76002	MAIN
ALHA77250	10555.0	IRON-GROUP IA	ALHA76002	MAIN
ALHA77263	1669.0	IRON-GROUP IA	ALHA76002	MAIN
ALHA77283	10510.0	IRON-GROUP IA		MAIN
ALHA77289	2186.0	IRON-GROUP IA	ALHA76002	MAIN
ALHA77290	3784.0	IRON-GROUP IA	ALHA76002	MAIN
PGPA77006	19068.0	IRON-GROUP IA		
RKPA80226**	160.3	IRON-GROUP IA		
EET 83333**	188.6	IRON-GROUP IAB		
EET 84300**	72.2	IRON IAB-W/SIL.INC.		
EET 87504**	10.7	IRON IAB-AN W/SIL.INC.	EET 87504	
EET 87505**	14.5	IRON IAB-AN W/SIL.INC.	EET 87504	
EET 87506**	15.2	IRON IAB-AN W/SIL.INC.	EET 87504	
ALHA78100	84.9	IRON-GROUP IIA	ALHA78100	MAIN
ALHA81013**	17727.0	IRON-GROUP IIA	ALHA78100	NEAR WESTERN
EET 83245**	59.0	IRON-GROUP IIB (ANOM)		
DRPA78001	15200.0	IRON-GROUP IIB	DRPA78001	
DRPA78002	7188.0	IRON-GROUP IIB	DRPA78001	
DRPA78003	144.2	IRON-GROUP IIB	DRPA78001	
DRPA78004	133.6	IRON-GROUP IIB	DRPA78001	
DRPA78005	18600.0	IRON-GROUP IIB	DRPA78001	
DRPA78006	389.3	IRON-GROUP IIB	DRPA78001	
DRPA78007	11800.0	IRON-GROUP IIB	DRPA78001	
DRPA78008	59400.0	IRON-GROUP IIB	DRPA78001	
DRPA78009	138100.0	IRON-GROUP IIB	DRPA78001	
EET 83390**	15.2	IRON-GROUP IIE (ANOM)		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 84165**	94.7	IRON-GROUP IIIAB		MAIN
GRO 85201**	1400.7	IRON-GROUP IIIAB		
LEW 86540**	21.1	IRON-GROUP III CD		LOWER ICE TONGUE
ALHA78252	2789.0	IRON-GROUP IVA		MAIN
EET 87516**	36.0	IRON-OCTAHEDRITE(UNGR)		

CARBONACEOUS CHONDRITES

ALH 85085**	11.9	CARBONACEOUS (UNIQUE)		FAR WESTERN
ALHA77306	19.9	CARBONACEOUS C2		MAIN
ALHA78261	5.1	CARBONACEOUS C2	ALHA81002	MAIN
ALHA81002	14.0	CARBONACEOUS C2	ALHA81002	MAIN
ALHA81004	4.7	CARBONACEOUS C2	ALHA81002	MIDDLE WESTERN
ALHA81312	.7	CARBONACEOUS C2		MAIN
ALH 82100	24.3	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 82131	1.0	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 83016	4.1	CARBONACEOUS C2	ALHA81002	MIDDLE WESTERN
ALH 83100	3019.0	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 83102	1786.2	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 83106	22.3	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84029	119.8	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84030	6.2	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84031	12.5	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84032	7.9	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84033	60.4	CARBONACEOUS C2	ALHA81002	NEAR WESTERN
ALH 84034	44.1	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84035	3.2	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84036	2.8	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 84039	32.8	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 84040	28.7	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84041	1.3	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84042	51.3	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84043	16.8	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84044	147.4	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84045	11.4	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84046	1.5	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 84047	4.4	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84048	12.6	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84049	29.4	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84050	3.2	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 84051	34.3	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 84053	5.2	CARBONACEOUS C2	ALHA81002	FAR WESTERN
ALH 84054	19.4	CARBONACEOUS C2	ALHA81002	NEAR WESTERN
ALH 84191	14.0	CARBONACEOUS C2	ALHA81002	MIDDLE WESTERN
ALH 85004	8.4	CARBONACEOUS C2	ALH 83100	FAR WESTERN
ALH 85005	18.9	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85007	82.0	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85008	32.1	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85009	46.6	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85010	3.2	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85011	10.7	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85012	3.9	CARBONACEOUS C2	ALH 85005	FAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 85013	130.4	CARBONACEOUS C2	ALH 85005	FAR WESTERN
ALH 85106	2.7	CARBONACEOUS C2		FAR WESTERN
EET 83224	8.6	CARBONACEOUS C2		
EET 83226	33.1	CARBONACEOUS C2	EET 83226	
EET 83250	11.5	CARBONACEOUS C2		
EET 83334	2.5	CARBONACEOUS C2		
EET 83355	66.2	CARBONACEOUS C2	EET 83226	
EET 83389	19.2	CARBONACEOUS C2		
EET 87522	68.6	CARBONACEOUS C2		
GRO 85202	27.2	CARBONACEOUS C2		
LEW 85306	6.5	CARBONACEOUS C2	LEW 85306	LOWER ICE TONGUE
LEW 85307	1.7	CARBONACEOUS C2	LEW 85306	LOWER ICE TONGUE
LEW 85309	54.1	CARBONACEOUS C2	LEW 85306	LOWER ICE TONGUE
LEW 85311	199.5	CARBONACEOUS C2	LEW 85306	LOWER ICE TONGUE
LEW 85312	31.7	CARBONACEOUS C2	LEW 85306	LOWER ICE TONGUE
LEW 86004	2.1	CARBONACEOUS C2	LEW 86004	UPPER ICE TONGUE
LEW 86005	4.7	CARBONACEOUS C2	LEW 86004	UPPER ICE TONGUE
LEW 86007	1.6	CARBONACEOUS C2	LEW 86004	UPPER ICE TONGUE
LEW 86008	5.6	CARBONACEOUS C2	LEW 86004	UPPER ICE TONGUE
LEW 86009	6.5	CARBONACEOUS C2	LEW 86004	UPPER ICE TONGUE
LEW 87001	4.0	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87003	2.1	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87008	1.4	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87016	16.8	CARBONACEOUS C2		SOUTH LEWIS CLIFF
LEW 87022	75.4	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87025	.9	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87027	.8	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87028	1.2	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87148	42.5	CARBONACEOUS C2		SOUTH LEWIS CLIFF
LEW 87167	1.4	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87249	3.1	CARBONACEOUS C2	LEW 87001	SOUTH LEWIS CLIFF
LEW 87271	.9	CARBONACEOUS C2		SOUTH LEWIS CLIFF
MAC 87300	167.5	CARBONACEOUS C2	MAC 87300	
MAC 87301	110.9	CARBONACEOUS C2	MAC 87300	
MAC 87320	16.2	CARBONACEOUS C2		
MAC 88100	177.3	CARBONACEOUS C2		
MAC 88107	192.8	CARBONACEOUS C2		
EET 87711**	5.7	CARBONACEOUS C2R	EET 87711	
EET 87747**	38.2	CARBONACEOUS C2R	EET 87711	
EET 87770**	38.6	CARBONACEOUS C2R	EET 87711	
EET 87812**	11.9	CARBONACEOUS C2R	EET 87711	
EET 87846**	8.1	CARBONACEOUS C2R	EET 87711	
EET 87847**	32.9	CARBONACEOUS C2R	EET 87711	
EET 87850**	14.5	CARBONACEOUS C2R	EET 87711	
ALHA77307	181.3	CARBONACEOUS C3		MAIN
ALHA77003	779.6	CARBONACEOUS C3O	ALHA77003	NEAR WESTERN
ALHA77029	1.4	CARBONACEOUS C3O		MAIN
ALH 82101	29.1	CARBONACEOUS C3O	ALH 82101	FAR WESTERN
ALH 83026	.1	CARBONACEOUS C3O	ALHA77003	MIDDLE WESTERN
ALH 83108	1519.4	CARBONACEOUS C3O	ALHA77003	FAR WESTERN
ALH 85003	50.1	CARBONACEOUS C3O	ALH 82101	FAR WESTERN
LEW 85332	113.7	CARBONACEOUS C3O		LOWER ICE TONGUE
ALHA81003	10.1	CARBONACEOUS C3V	ALHA81003	MAIN
ALHA81258	1.1	CARBONACEOUS C3V	ALHA81003	NEAR WESTERN
ALH 84028	735.9	CARBONACEOUS C3V	ALH 84028	NEAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 84037	3.0	CARBONACEOUS C3V	ALH 84028	FAR WESTERN
ALH 85006	49.0	CARBONACEOUS C3V		FAR WESTERN
LEW 86006	.8	CARBONACEOUS C3V		UPPER ICE TONGUE
RKPA80241	.6	CARBONACEOUS C3V		
ALH 82135	12.1	CARBONACEOUS C4	ALH 82135	FAR WESTERN
ALH 84038	12.3	CARBONACEOUS C4	ALH 82135	FAR WESTERN
ALH 84096	293.6	CARBONACEOUS C4		MIDDLE WESTERN
ALH 85002	437.7	CARBONACEOUS C4	ALH 82135	FAR WESTERN
ALH 85151	13.9	CARBONACEOUS C4		FAR NORTH
EET 83311	15.3	CARBONACEOUS C4		
EET 87507	36.2	CARBONACEOUS C4	EET 87507	
EET 87508	13.4	CARBONACEOUS C4	EET 87507	
EET 87514	33.6	CARBONACEOUS C4	EET 87507	
EET 87519	23.2	CARBONACEOUS C4	EET 87507	
EET 87525	10.3	CARBONACEOUS C4	EET 87507	
EET 87526	88.2	CARBONACEOUS C4	EET 87507	
EET 87527	5.8	CARBONACEOUS C4	EET 87507	
EET 87529	35.7	CARBONACEOUS C4	EET 87507	
LEW 86258	24.1	CARBONACEOUS C4		UPPER ICE TONGUE
LEW 87214	.4	CARBONACEOUS C4	LEW 87214	SOUTH LEWIS CLIFF
LEW 87250	1.7	CARBONACEOUS C4	LEW 87214	SOUTH LEWIS CLIFF
PCA 82500	90.9	CARBONACEOUS C4		
EET 87860	32.8	CARBONACEOUS C5		
LEW 87009	50.5	CARBONACEOUS C6		SOUTH LEWIS CLIFF
ENSTATITE CHONDRITES				
ALH 84170	39.2	E-3 CHONDRITE		NEAR WESTERN
LEW 87223	110.3	E-3 CHONDRITE		SOUTH LEWIS CLIFF
ALHA77156	17.7	EH-4 CHONDRITE	ALHA77156	MAIN
ALHA77295	141.3	EH-4 CHONDRITE	ALHA77156	NEAR WESTERN
ALHA81189	2.6	E-4 CHONDRITE	ALH 82132	MAIN
ALH 82132	5.9	E-4 CHONDRITE	ALH 82132	FAR WESTERN
ALH 84188	3.1	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84200	8.5	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84206	15.1	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84220	8.4	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84235	6.0	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84250	10.0	E-4 CHONDRITE	ALH 82132	NEAR WESTERN
ALH 84254	2.0	E-4 CHONDRITE	ALH 82132	FAR WESTERN
ALH 85119	20.6	E-4 CHONDRITE		FAR WESTERN
ALH 85159	11.0	E-4 CHONDRITE	ALH 82132	FAR WESTERN
EET 83254	7.7	E-4 CHONDRITE	EET 83307	
EET 83307	4.8	E-4 CHONDRITE	EET 83307	
EET 83322	14.3	E-4 CHONDRITE	EET 83307	
EET 87746	142.3	E-4 CHONDRITE		
PCA 82518	21.9	E-4 CHONDRITE		
RKPA80259	20.2	E-5 CHONDRITE		
ALHA81021	695.1	E-6 CHONDRITE	ALHA81021	MIDDLE WESTERN
ALHA81260	124.1	E-6 CHONDRITE	ALHA81021	MIDDLE WESTERN
ALH 83018	3.7	E-6 CHONDRITE	ALHA81021	MIDDLE WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 87119	12.0	E-6 CHONDRITE		UPPER ICE TONGUE
ORDINARY CHONDRITES				
LEW 87241	.5	FUSION CRUST-H CHON?		SOUTH LEWIS CLIFF
ALHA77081**	8.6	H? CHON./ACAPULCO-LIKE	ALHA77081	MAIN
ALHA81261**	11.8	H? CHON./ACAPULCO-LIKE	ALHA77081	MAIN
ALHA81315**	2.5	H? CHON./ACAPULCO-LIKE	ALHA77081	MAIN
ALHA77299	260.7	H-3 CHONDRITE		MAIN
ALH 82110	39.3	H-3 CHONDRITE		FAR WESTERN
ALH 83042	.5	H-3 CHONDRITE		MIDDLE WESTERN
ALH 85121	55.3	H-3 CHONDRITE		FAR WESTERN
EET 83248	39.2	H-3 CHONDRITE		
EET 83267	27.7	H-3 CHONDRITE		
EET 87726	82.5	H-3 CHONDRITE	EET 87726	
EET 87778	161.7	H-3 CHONDRITE	EET 87726	
EET 87805	62.7	H-3 CHONDRITE		
EET 87823	95.4	H-3 CHONDRITE	EET 87726	
OTTA80301	35.5	H-3 CHONDRITE		
PCA 82520	22.7	H-3 CHONDRITE		
RKPA80205	53.8	H-3 CHONDRITE		
ALHA77004	2230.0	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77009	235.5	H-4 CHONDRITE	ALHA77009	MAIN
ALHA77010	295.8	H-4 CHONDRITE		MAIN
ALHA77056	12.3	H-4 CHONDRITE		MAIN
ALHA77190	387.1	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77191	642.2	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77192	845.3	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77208	1733.0	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77221	229.2	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77222	125.4	H-4 CHONDRITE		NEAR WESTERN
ALHA77223	207.9	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77224	786.9	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77225	5878.0	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77226	15323.0	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77232	6494.3	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77233	4087.0	H-4 CHONDRITE	ALHA77004	NEAR WESTERN
ALHA77262	861.5	H-4 CHONDRITE		MAIN
ALHA77286	245.8	H-4 CHONDRITE		MAIN
ALHA78029	4.1	H-4 CHONDRITE		MAIN
ALHA78033	5.0	H-4 CHONDRITE		MAIN
ALHA78051	119.5	H-4 CHONDRITE		MAIN
ALHA78053	179.0	H-4 CHONDRITE		MAIN
ALHA78057	8.7	H-4 CHONDRITE		MAIN
ALHA78077	330.6	H-4 CHONDRITE		MAIN
ALHA78084	14280.0	H-4 CHONDRITE		MAIN
ALHA78120	44.3	H-4 CHONDRITE		MAIN
ALHA78134	458.3	H-4 CHONDRITE		MAIN
ALHA78140	16.6	H-4 CHONDRITE		MAIN
ALHA78157	63.4	H-4 CHONDRITE		MAIN
ALHA78168	33.6	H-4 CHONDRITE		MAIN
ALHA78172	29.4	H-4 CHONDRITE		MAIN
ALHA78193	13.3	H-4 CHONDRITE	ALHA78193	MAIN
ALHA78196	11.2	H-4 CHONDRITE	ALHA78193	MAIN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA78223	6.5	H-4 CHONDRITE	ALHA78193	MAIN
ALHA79023	68.1	H-4 CHONDRITE		MAIN
ALHA79035	37.6	H-4 CHONDRITE		MAIN
ALHA79039	108.3	H-4 CHONDRITE		MAIN
ALHA80106	432.2	H-4 CHONDRITE	ALHA80106	MAIN
ALHA80121	39.1	H-4 CHONDRITE	ALHA80106	MAIN
ALHA80128	138.2	H-4 CHONDRITE	ALHA80106	MAIN
ALHA80131	19.8	H-4 CHONDRITE	ALHA80106	MAIN
ALHA81022	912.5	H-4 CHONDRITE	ALHA77009	MIDDLE WESTERN
ALHA81041	728.8	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81043	106.0	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81044	386.8	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81045	90.2	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81046	16.6	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81047	81.2	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81048	190.6	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81049	8.5	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81050	25.7	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81051	43.0	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81052	28.7	H-4 CHONDRITE	ALHA81041	NEAR WESTERN
ALHA81056	1.4	H-4 CHONDRITE		MAIN
ALHA81057	8.4	H-4 CHONDRITE		MAIN
ALHA81058	66.2	H-4 CHONDRITE		NEAR WESTERN
ALHA81068	23.7	H-4 CHONDRITE		MAIN
ALHA81073	3.3	H-4 CHONDRITE		MAIN
ALHA81074	8.0	H-4 CHONDRITE		MAIN
ALHA81092	15.6	H-4 CHONDRITE		MAIN
ALHA81095	58.8	H-4 CHONDRITE		NEAR WESTERN
ALHA81097	79.9	H-4 CHONDRITE		MAIN
ALHA81104	183.8	H-4 CHONDRITE		NEAR WESTERN
ALHA81105	92.7	H-4 CHONDRITE		MAIN
ALHA81109	1.1	H-4 CHONDRITE		MAIN
ALHA81114	79.3	H-4 CHONDRITE		MAIN
ALHA81117	32.9	H-4 CHONDRITE		MAIN
ALHA81140	14.4	H-4 CHONDRITE		MAIN
ALHA81142	1.2	H-4 CHONDRITE		MAIN
ALHA81147	1.7	H-4 CHONDRITE		MAIN
ALHA81149	8.8	H-4 CHONDRITE		MAIN
ALHA81157	11.8	H-4 CHONDRITE		MAIN
ALHA81177	17.3	H-4 CHONDRITE		MAIN
ALHA81199	16.0	H-4 CHONDRITE		MAIN
ALHA81200	9.5	H-4 CHONDRITE		MAIN
ALHA81206	3.8	H-4 CHONDRITE		MAIN
ALHA81212	11.5	H-4 CHONDRITE		MAIN
ALHA81231	9.2	H-4 CHONDRITE		MAIN
ALHA81234	4.7	H-4 CHONDRITE		MAIN
ALHA81267	26.8	H-4 CHONDRITE		NEAR WESTERN
ALHA81279	27.1	H-4 CHONDRITE		NEAR WESTERN
ALHA81290	1.5	H-4 CHONDRITE		MAIN
ALHA81309	.6	H-4 CHONDRITE		MAIN
ALH 82126	139.9	H-4 CHONDRITE		FAR WESTERN
ALH 82128	15.2	H-4 CHONDRITE		FAR WESTERN
ALH 82133	19.7	H-4 CHONDRITE		FAR WESTERN
ALH 82136	4.3	H-4 CHONDRITE		FAR WESTERN
ALH 83019	2.6	H-4 CHONDRITE		MIDDLE WESTERN
ALH 84004	9000.0	H-4 CHONDRITE		NEAR WESTERN
ALH 84059	856.9	H-4 CHONDRITE		NEAR WESTERN
ALH 84084	331.8	H-4 CHONDRITE		FAR WESTERN
ALH 84103	137.5	H-4 CHONDRITE		NEAR WESTERN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
ALH 84230	2.4	H-4 CHONDRITE		NEAR WESTERN
ALH 84232	9.9	H-4 CHONDRITE		NEAR WESTERN
ALH 85153	.4	H-4 CHONDRITE		MAIN
EET 82602	1824.1	H-4 CHONDRITE		
EET 82609	325.5	H-4 CHONDRITE		
EET 82616	2.1	H-4 CHONDRITE		
EET 83207	1238.3	H-4 CHONDRITE		
EET 83211	542.7	H-4 CHONDRITE		
EET 86802	29.6	H-4 CHONDRITE		
EET 87553	682.2	H-4 CHONDRITE		
EET 87663	57.8	H-4 CHONDRITE		
EET 87666	4.2	H-4 CHONDRITE		
EET 87808	6.6	H-4 CHONDRITE		
LEW 85351	12.1	H-4 CHONDRITE		LOWER ICE TONGUE
LEW 85445	10.8	H-4 CHONDRITE		LOWER ICE TONGUE
LEW 86033	21.5	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 86123	11.5	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 86165	18.2	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 86380	31.6	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 86435	4.8	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 86446	9.8	H-4 CHONDRITE		UPPER ICE TONGUE
LEW 87209	53.6	H-4 CHONDRITE		LOWER ICE TONGUE
LEW 87213	56.1	H-4 CHONDRITE		SOUTH LEWIS CLIFF
MAC 87307	1055.6	H-4 CHONDRITE		SOUTH LEWIS CLIFF
MAC 87311	312.8	H-4 CHONDRITE		
MAC 88111	6441.5	H-4 CHONDRITE		
META78001	624.4	H-4 CHONDRITE		
PCA 82511	149.0	H-4 CHONDRITE		
PCA 82515	6.9	H-4 CHONDRITE		
PCA 82524	113.8	H-4 CHONDRITE		
RKPA78002	8483.0	H-4 CHONDRITE		
RKPA78004	166.9	H-4 CHONDRITE		
RKPA80232	80.1	H-4 CHONDRITE		
RKPA80237	22.2	H-4 CHONDRITE	RKPA80237	
RKPA80267	24.2	H-4 CHONDRITE	RKPA80237	
ALH 84006	16000.0	H-4,5 CHONDRITE		NEAR WESTERN
EET 83221	313.9	H-4,6 CHONDRITE		
ALHA77007	99.3	H-5 CHONDRITE		MAIN
ALHA77012	180.2	H-5 CHONDRITE		MAIN
ALHA77014	308.8	H-5 CHONDRITE	ALHA77014	MAIN
ALHA77016	78.3	H-5 CHONDRITE		MAIN
ALHA77017	77.9	H-5 CHONDRITE		MAIN
ALHA77018	51.8	H-5 CHONDRITE		MAIN
ALHA77021	16.7	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77022	16.0	H-5 CHONDRITE		MAIN
ALHA77023	21.4	H-5 CHONDRITE		MAIN
ALHA77025	19.4	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77038	18.8	H-5 CHONDRITE		MAIN
ALHA77039	8.2	H-5 CHONDRITE		MAIN
ALHA77042	20.4	H-5 CHONDRITE		MAIN
ALHA77045	17.9	H-5 CHONDRITE		MAIN
ALHA77051	15.0	H-5 CHONDRITE		MAIN
ALHA77054	10.4	H-5 CHONDRITE		MAIN
ALHA77058	3.7	H-5 CHONDRITE		MAIN
ALHA77061	12.6	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77062	16.7	H-5 CHONDRITE	ALHA77021	MAIN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA77063	2.9	H-5 CHONDRITE		MAIN
ALHA77064	6.5	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77066	4.9	H-5 CHONDRITE		MAIN
ALHA77070	18.4	H-5 CHONDRITE		MAIN
ALHA77071	10.9	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77073	10.1	H-5 CHONDRITE		MAIN
ALHA77074	12.1	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77076	1.7	H-5 CHONDRITE		MAIN
ALHA77078	24.1	H-5 CHONDRITE		MAIN
ALHA77079	7.8	H-5 CHONDRITE		MAIN
ALHA77082	12.0	H-5 CHONDRITE		MAIN
ALHA77084	44.1	H-5 CHONDRITE		MAIN
ALHA77085	45.9	H-5 CHONDRITE		MAIN
ALHA77086	19.4	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77087	30.7	H-5 CHONDRITE		MAIN
ALHA77088	51.2	H-5 CHONDRITE	ALHA77021	MAIN
ALHA77091	4.2	H-5 CHONDRITE		MAIN
ALHA77092	45.0	H-5 CHONDRITE		MAIN
ALHA77094	6.6	H-5 CHONDRITE		MAIN
ALHA77096	2.5	H-5 CHONDRITE		MAIN
ALHA77098	8.0	H-5 CHONDRITE		MAIN
ALHA77100	18.2	H-5 CHONDRITE		MAIN
ALHA77101	3.8	H-5 CHONDRITE		MAIN
ALHA77102	12.3	H-5 CHONDRITE		MAIN
ALHA77104	6.3	H-5 CHONDRITE		MAIN
ALHA77106	7.8	H-5 CHONDRITE		MAIN
ALHA77108	.7	H-5 CHONDRITE		MAIN
ALHA77112	21.7	H-5 CHONDRITE		MAIN
ALHA77113	2.0	H-5 CHONDRITE		MAIN
ALHA77114	44.5	H-5 CHONDRITE		MAIN
ALHA77118	7.8	H-5 CHONDRITE	ALHA77118	MAIN
ALHA77119	6.4	H-5 CHONDRITE	ALHA77118	MAIN
ALHA77120	3.9	H-5 CHONDRITE		MAIN
ALHA77122	4.6	H-5 CHONDRITE		MAIN
ALHA77124	4.4	H-5 CHONDRITE	ALHA77118	MAIN
ALHA77125	18.7	H-5 CHONDRITE		MAIN
ALHA77126	25.2	H-5 CHONDRITE		MAIN
ALHA77129	1.7	H-5 CHONDRITE		MAIN
ALHA77130	24.8	H-5 CHONDRITE		MAIN
ALHA77132	115.4	H-5 CHONDRITE		MAIN
ALHA77136	3.6	H-5 CHONDRITE		MAIN
ALHA77138	2.1	H-5 CHONDRITE		MAIN
ALHA77139	65.9	H-5 CHONDRITE		MAIN
ALHA77142	3.1	H-5 CHONDRITE		MAIN
ALHA77143	39.0	H-5 CHONDRITE		MAIN
ALHA77151	16.9	H-5 CHONDRITE		MAIN
ALHA77152	17.8	H-5 CHONDRITE		MAIN
ALHA77153	12.0	H-5 CHONDRITE		MAIN
ALHA77158	19.9	H-5 CHONDRITE		MAIN
ALHA77161	6.1	H-5 CHONDRITE		MAIN
ALHA77168	24.7	H-5 CHONDRITE		MAIN
ALHA77171	23.8	H-5 CHONDRITE		MAIN
ALHA77173	25.8	H-5 CHONDRITE		MAIN
ALHA77174	32.4	H-5 CHONDRITE		MAIN
ALHA77177	368.2	H-5 CHONDRITE		MAIN
ALHA77181	33.0	H-5 CHONDRITE		MAIN
ALHA77182	1134.7	H-5 CHONDRITE		MAIN
ALHA77184	127.6	H-5 CHONDRITE		NEAR WESTERN
ALHA77186	122.4	H-5 CHONDRITE		NEAR WESTERN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA77187	52.2	H-5 CHONDRITE		NEAR WESTERN
ALHA77188	109.0	H-5 CHONDRITE		NEAR WESTERN
ALHA77193	6.7	H-5 CHONDRITE		MAIN
ALHA77195	4.7	H-5 CHONDRITE		MAIN
ALHA77201	15.0	H-5 CHONDRITE		MAIN
ALHA77202	2.7	H-5 CHONDRITE		MAIN
ALHA77205	3.1	H-5 CHONDRITE		MAIN
ALHA77207	4.9	H-5 CHONDRITE		MAIN
ALHA77213	8.4	H-5 CHONDRITE		MAIN
ALHA77220	69.1	H-5 CHONDRITE		NEAR WESTERN
ALHA77227	16.0	H-5 CHONDRITE		MAIN
ALHA77228	19.3	H-5 CHONDRITE		MAIN
ALHA77235	4.9	H-5 CHONDRITE		MAIN
ALHA77237	4.1	H-5 CHONDRITE		MAIN
ALHA77240	25.1	H-5 CHONDRITE		MAIN
ALHA77242	56.5	H-5 CHONDRITE		MAIN
ALHA77245	33.4	H-5 CHONDRITE		MAIN
ALHA77247	44.3	H-5 CHONDRITE		MAIN
ALHA77253	23.6	H-5 CHONDRITE		MAIN
ALHA77259	294.0	H-5 CHONDRITE		MAIN
ALHA77264	11.0	H-5 CHONDRITE	ALHA77014	MAIN
ALHA77265	18.3	H-5 CHONDRITE		MAIN
ALHA77266	108.4	H-5 CHONDRITE		MAIN
ALHA77268	272.0	H-5 CHONDRITE		MAIN
ALHA77274	288.1	H-5 CHONDRITE		MAIN
ALHA77275	24.9	H-5 CHONDRITE		MAIN
ALHA77279	174.5	H-5 CHONDRITE		MAIN
ALHA77287	230.1	H-5 CHONDRITE		MAIN
ALHA77291	5.8	H-5 CHONDRITE		MAIN
ALHA77294	1351.0	H-5 CHONDRITE		MANHAUL BAY
ALHA77300	234.5	H-5 CHONDRITE		MAIN
ALHA78001	84.5	H-5 CHONDRITE		MAIN
ALHA78004	35.9	H-5 CHONDRITE		MAIN
ALHA78005	28.2	H-5 CHONDRITE		MAIN
ALHA78008	7.4	H-5 CHONDRITE		MAIN
ALHA78010	1.3	H-5 CHONDRITE		MAIN
ALHA78012	38.1	H-5 CHONDRITE		MAIN
ALHA78018	17.9	H-5 CHONDRITE		MAIN
ALHA78021	17.1	H-5 CHONDRITE		MAIN
ALHA78023	9.8	H-5 CHONDRITE		MAIN
ALHA78025	8.3	H-5 CHONDRITE		MAIN
ALHA78027	29.2	H-5 CHONDRITE		MAIN
ALHA78028	4.4	H-5 CHONDRITE		MAIN
ALHA78031	4.6	H-5 CHONDRITE		MAIN
ALHA78047	130.3	H-5 CHONDRITE		MAIN
ALHA78049	95.8	H-5 CHONDRITE		MAIN
ALHA78052	97.3	H-5 CHONDRITE		MAIN
ALHA78075	280.6	H-5 CHONDRITE		MAIN
ALHA78079	4.5	H-5 CHONDRITE		MAIN
ALHA78080	24.8	H-5 CHONDRITE		MAIN
ALHA78081	17.8	H-5 CHONDRITE		MAIN
ALHA78085	219.3	H-5 CHONDRITE		MAIN
ALHA78088	5.2	H-5 CHONDRITE		MAIN
ALHA78090	7.5	H-5 CHONDRITE		MAIN
ALHA78092	16.3	H-5 CHONDRITE		MAIN
ALHA78094	4.0	H-5 CHONDRITE		MAIN
ALHA78096	7.5	H-5 CHONDRITE		MAIN
ALHA78098	2.2	H-5 CHONDRITE		MAIN
ALHA78102	336.9	H-5 CHONDRITE		MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
ALHA78107	198.4	H-5 CHONDRITE		MAIN
ALHA78108	172.5	H-5 CHONDRITE		MAIN
ALHA78110	160.7	H-5 CHONDRITE		MAIN
ALHA78111	126.8	H-5 CHONDRITE		MAIN
ALHA78116	127.8	H-5 CHONDRITE		MAIN
ALHA78117	4.3	H-5 CHONDRITE		MAIN
ALHA78121	30.4	H-5 CHONDRITE		MAIN
ALHA78123	18.4	H-5 CHONDRITE		MAIN
ALHA78128	154.7	H-5 CHONDRITE		MAIN
ALHA78129	128.3	H-5 CHONDRITE		MAIN
ALHA78136	51.6	H-5 CHONDRITE		MAIN
ALHA78139	17.0	H-5 CHONDRITE		MAIN
ALHA78141	24.1	H-5 CHONDRITE		MAIN
ALHA78146	16.5	H-5 CHONDRITE		MAIN
ALHA78150	15.8	H-5 CHONDRITE		MAIN
ALHA78154	11.8	H-5 CHONDRITE		MAIN
ALHA78159	22.6	H-5 CHONDRITE		MAIN
ALHA78160	16.0	H-5 CHONDRITE		MAIN
ALHA78163	9.6	H-5 CHONDRITE		MAIN
ALHA78164	25.1	H-5 CHONDRITE		MAIN
ALHA78173	19.8	H-5 CHONDRITE		MAIN
ALHA78174	13.5	H-5 CHONDRITE		MAIN
ALHA78178	7.2	H-5 CHONDRITE		MAIN
ALHA78182	10.1	H-5 CHONDRITE		MAIN
ALHA78190	20.1	H-5 CHONDRITE		MAIN
ALHA78194	24.5	H-5 CHONDRITE		MAIN
ALHA78197	20.2	H-5 CHONDRITE		MAIN
ALHA78199	12.9	H-5 CHONDRITE		MAIN
ALHA78201	9.8	H-5 CHONDRITE		MAIN
ALHA78203	10.9	H-5 CHONDRITE		MAIN
ALHA78205	8.9	H-5 CHONDRITE		MAIN
ALHA78209	12.1	H-5 CHONDRITE	ALHA78209	MAIN
ALHA78217	8.3	H-5 CHONDRITE		MAIN
ALHA78219	8.2	H-5 CHONDRITE		MAIN
ALHA78221	5.4	H-5 CHONDRITE	ALHA78209	MAIN
ALHA78225	4.6	H-5 CHONDRITE	ALHA78209	MAIN
ALHA78227	2.4	H-5 CHONDRITE	ALHA78209	MAIN
ALHA78233	1.3	H-5 CHONDRITE	ALHA78209	MAIN
ALHA78241	6.5	H-5 CHONDRITE		MAIN
ALHA78245	4.0	H-5 CHONDRITE		MAIN
ALHA78247	2.7	H-5 CHONDRITE		MAIN
ALHA78253	6.8	H-5 CHONDRITE		MAIN
ALHA78255	3.2	H-5 CHONDRITE		MAIN
ALHA78257	2.1	H-5 CHONDRITE		MAIN
ALHA78259	6.2	H-5 CHONDRITE		MAIN
ALHA79004	34.9	H-5 CHONDRITE		MAIN
ALHA79006	41.0	H-5 CHONDRITE		MAIN
ALHA79008	12.0	H-5 CHONDRITE		MAIN
ALHA79009	75.7	H-5 CHONDRITE		MAIN
ALHA79010	25.1	H-5 CHONDRITE		MAIN
ALHA79011	14.0	H-5 CHONDRITE		MAIN
ALHA79012	191.9	H-5 CHONDRITE		MAIN
ALHA79013	28.3	H-5 CHONDRITE		MAIN
ALHA79014	10.8	H-5 CHONDRITE		MAIN
ALHA79015	64.0	H-5 CHONDRITE		MAIN
ALHA79021	29.4	H-5 CHONDRITE		MAIN
ALHA79025	1208.0	H-5 CHONDRITE		MAIN
ALHA79026	572.0	H-5 CHONDRITE		MAIN
ALHA79029	505.5	H-5 CHONDRITE		MAIN

**Classification Change

C-2

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA79031	2.7	H-5 CHONDRITE	ALHA79031	MAIN
ALHA79032	2.6	H-5 CHONDRITE	ALHA79031	MAIN
ALHA79036	20.2	H-5 CHONDRITE		MAIN
ALHA79038	49.7	H-5 CHONDRITE		MAIN
ALHA79040	13.2	H-5 CHONDRITE		MAIN
ALHA79041	20.1	H-5 CHONDRITE		MAIN
ALHA79042	11.5	H-5 CHONDRITE		MAIN
ALHA79046	89.7	H-5 CHONDRITE		MAIN
ALHA79047	19.3	H-5 CHONDRITE		MAIN
ALHA79048	36.7	H-5 CHONDRITE		MAIN
ALHA79050	27.0	H-5 CHONDRITE		MAIN
ALHA79051	23.9	H-5 CHONDRITE		MAIN
ALHA79053	86.1	H-5 CHONDRITE		MAIN
ALHA79054	36.0	H-5 CHONDRITE		MAIN
ALHA80111	42.4	H-5 CHONDRITE	ALHA80111	MAIN
ALHA80123	27.8	H-5 CHONDRITE		MAIN
ALHA80124	12.0	H-5 CHONDRITE	ALHA80111	MAIN
ALHA80127	47.5	H-5 CHONDRITE	ALHA80111	MAIN
ALHA80129	93.4	H-5 CHONDRITE	ALHA80111	MAIN
ALHA80132	152.8	H-5 CHONDRITE	ALHA80111	MAIN
ALHA81015	5489.0	H-5 CHONDRITE		NEAR WESTERN
ALHA81019	1051.2	H-5 CHONDRITE		MIDDLE WESTERN
ALHA81020	1352.5	H-5 CHONDRITE		MAIN
ALHA81033	252.4	H-5 CHONDRITE		NEAR WESTERN
ALHA81034	254.9	H-5 CHONDRITE		NEAR WESTERN
ALHA81036	252.1	H-5 CHONDRITE		NEAR WESTERN
ALHA81039	205.9	H-5 CHONDRITE		MAIN
ALHA81042	534.4	H-5 CHONDRITE		NEAR WESTERN
ALHA81062	.5	H-5 CHONDRITE		MAIN
ALHA81063	4.9	H-5 CHONDRITE		MAIN
ALHA81064	191.0	H-5 CHONDRITE		MAIN
ALHA81067	227.6	H-5 CHONDRITE		MAIN
ALHA81070	3.7	H-5 CHONDRITE		MAIN
ALHA81071	2.5	H-5 CHONDRITE		MAIN
ALHA81072	3.2	H-5 CHONDRITE		MAIN
ALHA81075	15.7	H-5 CHONDRITE		MAIN
ALHA81077	4.2	H-5 CHONDRITE		MAIN
ALHA81080	16.7	H-5 CHONDRITE		MAIN
ALHA81081	5.0	H-5 CHONDRITE		MAIN
ALHA81082	5.9	H-5 CHONDRITE		MAIN
ALHA81083	6.6	H-5 CHONDRITE		MAIN
ALHA81084	15.7	H-5 CHONDRITE		MAIN
ALHA81088	3.8	H-5 CHONDRITE		MAIN
ALHA81089	11.2	H-5 CHONDRITE		MAIN
ALHA81090	9.5	H-5 CHONDRITE		MAIN
ALHA81091	12.2	H-5 CHONDRITE		MAIN
ALHA81100	154.6	H-5 CHONDRITE		MAIN
ALHA81108	69.1	H-5 CHONDRITE		MAIN
ALHA81110	3.0	H-5 CHONDRITE		MAIN
ALHA81113	111.1	H-5 CHONDRITE		NEAR WESTERN
ALHA81115	154.9	H-5 CHONDRITE		MAIN
ALHA81116	1.7	H-5 CHONDRITE		MAIN
ALHA81118	84.7	H-5 CHONDRITE		MAIN
ALHA81120	13.8	H-5 CHONDRITE		MAIN
ALHA81124	9.3	H-5 CHONDRITE		MAIN
ALHA81125	10.2	H-5 CHONDRITE		MAIN
ALHA81126	21.5	H-5 CHONDRITE		MAIN
ALHA81128	15.9	H-5 CHONDRITE		MAIN
ALHA81129	31.6	H-5 CHONDRITE		MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA81130	29.9	H-5 CHONDRITE		MAIN
ALHA81132	5.4	H-5 CHONDRITE		MAIN
ALHA81133	20.7	H-5 CHONDRITE		MAIN
ALHA81135	9.5	H-5 CHONDRITE		MAIN
ALHA81136	1.2	H-5 CHONDRITE		MAIN
ALHA81138	4.3	H-5 CHONDRITE		MAIN
ALHA81139	7.1	H-5 CHONDRITE		MAIN
ALHA81141	1.5	H-5 CHONDRITE		MAIN
ALHA81143	12.5	H-5 CHONDRITE		MAIN
ALHA81144	3.0	H-5 CHONDRITE		MAIN
ALHA81148	13.3	H-5 CHONDRITE		MAIN
ALHA81152	10.3	H-5 CHONDRITE		MAIN
ALHA81155	4.5	H-5 CHONDRITE		MAIN
ALHA81158	2.4	H-5 CHONDRITE		MAIN
ALHA81161	122.2	H-5 CHONDRITE		NEAR WESTERN
ALHA81163	82.2	H-5 CHONDRITE		MAIN
ALHA81164	20.1	H-5 CHONDRITE		MAIN
ALHA81165	6.3	H-5 CHONDRITE		MAIN
ALHA81166	26.3	H-5 CHONDRITE		MAIN
ALHA81168	8.2	H-5 CHONDRITE		MAIN
ALHA81169	5.6	H-5 CHONDRITE		MAIN
ALHA81170	59.0	H-5 CHONDRITE		MAIN
ALHA81171	23.7	H-5 CHONDRITE		MAIN
ALHA81173	25.8	H-5 CHONDRITE		MAIN
ALHA81174**	33.3	H-5 CHONDRITE		MAIN
ALHA81175	13.2	H-5 CHONDRITE		MAIN
ALHA81176	94.5	H-5 CHONDRITE		MAIN
ALHA81178	29.9	H-5 CHONDRITE		MAIN
ALHA81179	13.7	H-5 CHONDRITE		MAIN
ALHA81182	4.6	H-5 CHONDRITE		MAIN
ALHA81183	104.2	H-5 CHONDRITE		MAIN
ALHA81186	22.7	H-5 CHONDRITE		MAIN
ALHA81188	8.7	H-5 CHONDRITE		MAIN
ALHA81192	8.9	H-5 CHONDRITE		MAIN
ALHA81194	17.0	H-5 CHONDRITE		MAIN
ALHA81195	4.9	H-5 CHONDRITE		MAIN
ALHA81197	67.7	H-5 CHONDRITE		NEAR WESTERN
ALHA81201	6.5	H-5 CHONDRITE		MAIN
ALHA81202	5.4	H-5 CHONDRITE		MAIN
ALHA81207	14.1	H-5 CHONDRITE		NEAR WESTERN
ALHA81209	13.9	H-5 CHONDRITE		NEAR WESTERN
ALHA81211	7.2	H-5 CHONDRITE		MAIN
ALHA81213	2.9	H-5 CHONDRITE		MAIN
ALHA81215	11.2	H-5 CHONDRITE		MAIN
ALHA81216	2.4	H-5 CHONDRITE		MAIN
ALHA81218	5.5	H-5 CHONDRITE		MAIN
ALHA81219	24.4	H-5 CHONDRITE		MAIN
ALHA81220	3.5	H-5 CHONDRITE		MAIN
ALHA81226	2.9	H-5 CHONDRITE		MAIN
ALHA81227	11.3	H-5 CHONDRITE		MAIN
ALHA81228	7.7	H-5 CHONDRITE		MAIN
ALHA81230	12.5	H-5 CHONDRITE		MAIN
ALHA81232	4.6	H-5 CHONDRITE		MAIN
ALHA81233	25.0	H-5 CHONDRITE		MAIN
ALHA81236	40.9	H-5 CHONDRITE		MAIN
ALHA81237	26.9	H-5 CHONDRITE		MAIN
ALHA81238	24.1	H-5 CHONDRITE		MAIN
ALHA81239	31.6	H-5 CHONDRITE		MAIN
ALHA81240	41.3	H-5 CHONDRITE		MAIN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA81241	34.2	H-5 CHONDRITE		NEAR WESTERN
ALHA81242	19.9	H-5 CHONDRITE		MAIN
ALHA81244	4.6	H-5 CHONDRITE		MAIN
ALHA81245	3.8	H-5 CHONDRITE		MAIN
ALHA81246	3.4	H-5 CHONDRITE		MAIN
ALHA81249	10.4	H-5 CHONDRITE		MAIN
ALHA81252	2.1	H-5 CHONDRITE		MAIN
ALHA81255	11.5	H-5 CHONDRITE		MAIN
ALHA81256	28.5	H-5 CHONDRITE		MAIN
ALHA81263	6.0	H-5 CHONDRITE		MAIN
ALHA81265	7.5	H-5 CHONDRITE		MAIN
ALHA81269	4.7	H-5 CHONDRITE		MAIN
ALHA81270	3.8	H-5 CHONDRITE		MAIN
ALHA81274	18.5	H-5 CHONDRITE		MAIN
ALHA81275	11.1	H-5 CHONDRITE		MAIN
ALHA81276	42.3	H-5 CHONDRITE		MAIN
ALHA81277	6.6	H-5 CHONDRITE		MAIN
ALHA81281	45.6	H-5 CHONDRITE		MAIN
ALHA81283	.6	H-5 CHONDRITE		MAIN
ALHA81284	9.9	H-5 CHONDRITE		MAIN
ALHA81286	27.9	H-5 CHONDRITE		MAIN
ALHA81287	77.6	H-5 CHONDRITE		NEAR WESTERN
ALHA81293	2.0	H-5 CHONDRITE		MAIN
ALHA81294	8.6	H-5 CHONDRITE		MAIN
ALHA81295	105.1	H-5 CHONDRITE		NEAR WESTERN
ALHA81296	12.7	H-5 CHONDRITE		MAIN
ALHA81297	20.1	H-5 CHONDRITE		MAIN
ALHA81300	10.3	H-5 CHONDRITE		MAIN
ALHA81301	12.5	H-5 CHONDRITE		MAIN
ALHA81302	4.2	H-5 CHONDRITE		MAIN
ALHA81305	1.1	H-5 CHONDRITE		MAIN
ALHA81306	7.1	H-5 CHONDRITE		MAIN
ALHA81308	18.7	H-5 CHONDRITE		MAIN
ALHA81314	2.9	H-5 CHONDRITE		MAIN
ALH 82103	2529.2	H-5 CHONDRITE		FAR WESTERN
ALH 82108	13.5	H-5 CHONDRITE		FAR WESTERN
ALH 82109	47.2	H-5 CHONDRITE		FAR WESTERN
ALH 82112	28.3	H-5 CHONDRITE		FAR WESTERN
ALH 82114	40.7	H-5 CHONDRITE		FAR WESTERN
ALH 82115	48.5	H-5 CHONDRITE		FAR WESTERN
ALH 82119	23.9	H-5 CHONDRITE		FAR WESTERN
ALH 82120	7.2	H-5 CHONDRITE		FAR WESTERN
ALH 82122	142.0	H-5 CHONDRITE		FAR WESTERN
ALH 82129	14.1	H-5 CHONDRITE		FAR WESTERN
ALH 82134	28.2	H-5 CHONDRITE		FAR WESTERN
ALH 82141	.6	H-5 CHONDRITE		FAR WESTERN
ALH 82144	7.3	H-5 CHONDRITE		FAR WESTERN
ALH 83003	321.8	H-5 CHONDRITE		MAIN
ALH 83005	227.9	H-5 CHONDRITE		MAIN
ALH 83006	230.2	H-5 CHONDRITE		NEAR WESTERN
ALH 83012	202.7	H-5 CHONDRITE		NEAR WESTERN
ALH 83020	2.9	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83025	77.8	H-5 CHONDRITE		MAIN
ALH 83029	96.2	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83030	48.7	H-5 CHONDRITE		MAIN
ALH 83031	10.4	H-5 CHONDRITE		MAIN
ALH 83034	6.5	H-5 CHONDRITE		MAIN
ALH 83035	1.2	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83036	24.3	H-5 CHONDRITE		MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 83037	2.5	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83039	6.3	H-5 CHONDRITE		MAIN
ALH 83040	77.9	H-5 CHONDRITE		MAIN
ALH 83044	4.8	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83046	32.9	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83047	20.0	H-5 CHONDRITE		MAIN
ALH 83049	6.1	H-5 CHONDRITE		MAIN
ALH 83051	16.5	H-5 CHONDRITE		MAIN
ALH 83053	63.2	H-5 CHONDRITE		NEAR WESTERN
ALH 83055	18.4	H-5 CHONDRITE		MAIN
ALH 83056	1.4	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83057	62.9	H-5 CHONDRITE		MAIN
ALH 83059	3.5	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83060	8.8	H-5 CHONDRITE		MAIN
ALH 83061	33.6	H-5 CHONDRITE		NEAR WESTERN
ALH 83062	76.9	H-5 CHONDRITE		NEAR WESTERN
ALH 83064	12.4	H-5 CHONDRITE		NEAR WESTERN
ALH 83065	53.6	H-5 CHONDRITE		NEAR WESTERN
ALH 83066	45.9	H-5 CHONDRITE		NEAR WESTERN
ALH 83068	.8	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83072	1.6	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83073	49.2	H-5 CHONDRITE		NEAR WESTERN
ALH 83074	6.4	H-5 CHONDRITE		MIDDLE WESTERN
ALH 83104	2.1	H-5 CHONDRITE		FAR WESTERN
ALH 83107	38.4	H-5 CHONDRITE		FAR WESTERN
ALH 84003	3088.7	H-5 CHONDRITE		NEAR WESTERN
ALH 84055	6900.5	H-5 CHONDRITE		NEAR WESTERN
ALH 84060	338.9	H-5 CHONDRITE		FAR WESTERN
ALH 84064	1889.1	H-5 CHONDRITE		FAR WESTERN
ALH 84067	391.2	H-5 CHONDRITE		NEAR WESTERN
ALH 84068	1114.1	H-5 CHONDRITE		FAR WESTERN
ALH 84069	1136.3	H-5 CHONDRITE		NEAR WESTERN
ALH 84073	630.6	H-5 CHONDRITE		FAR WESTERN
ALH 84074	757.5	H-5 CHONDRITE		FAR WESTERN
ALH 84075	788.6	H-5 CHONDRITE		NEAR WESTERN
ALH 84076	368.7	H-5 CHONDRITE		FAR WESTERN
ALH 84077	276.4	H-5 CHONDRITE		FAR WESTERN
ALH 84078	283.3	H-5 CHONDRITE		FAR WESTERN
ALH 84085	554.2	H-5 CHONDRITE		NEAR WESTERN
ALH 84088	297.5	H-5 CHONDRITE		FAR WESTERN
ALH 84089	303.8	H-5 CHONDRITE		FAR WESTERN
ALH 84091	214.6	H-5 CHONDRITE		FAR WESTERN
ALH 84094	207.6	H-5 CHONDRITE		FAR WESTERN
ALH 84098	260.5	H-5 CHONDRITE		FAR WESTERN
ALH 84099	150.3	H-5 CHONDRITE		FAR WESTERN
ALH 84100	110.3	H-5 CHONDRITE		NEAR WESTERN
ALH 84111	131.5	H-5 CHONDRITE		MAIN
ALH 84117	71.8	H-5 CHONDRITE		FAR WESTERN
ALH 84121	141.4	H-5 CHONDRITE		NEAR WESTERN
ALH 84124	114.5	H-5 CHONDRITE		NEAR WESTERN
ALH 84128	2.1	H-5 CHONDRITE		NEAR WESTERN
ALH 84131	107.9	H-5 CHONDRITE		NEAR WESTERN
ALH 84133	70.5	H-5 CHONDRITE		FAR WESTERN
ALH 84135	31.3	H-5 CHONDRITE		FAR WESTERN
ALH 84137	145.4	H-5 CHONDRITE		NEAR WESTERN
ALH 84138	20.2	H-5 CHONDRITE		NEAR WESTERN
ALH 84139	157.1	H-5 CHONDRITE		NEAR WESTERN
ALH 84144	53.9	H-5 CHONDRITE		FAR WESTERN
ALH 84145	19.2	H-5 CHONDRITE		FAR WESTERN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 84146	33.2	H-5 CHONDRITE		NEAR WESTERN
ALH 84148	168.4	H-5 CHONDRITE		NEAR WESTERN
ALH 84149	12.0	H-5 CHONDRITE		NEAR WESTERN
ALH 84152	6.4	H-5 CHONDRITE		FAR WESTERN
ALH 84155	113.9	H-5 CHONDRITE		FAR WESTERN
ALH 84156	27.8	H-5 CHONDRITE		MAIN
ALH 84157	88.6	H-5 CHONDRITE		FAR WESTERN
ALH 84158	53.7	H-5 CHONDRITE		FAR WESTERN
ALH 84161	82.9	H-5 CHONDRITE		NEAR WESTERN
ALH 84162	42.3	H-5 CHONDRITE		NEAR WESTERN
ALH 84163	134.9	H-5 CHONDRITE		FAR WESTERN
ALH 84167	150.7	H-5 CHONDRITE		MAIN
ALH 84172	3.0	H-5 CHONDRITE		NEAR WESTERN
ALH 84175	35.4	H-5 CHONDRITE		FAR WESTERN
ALH 84178	.4	H-5 CHONDRITE		MIDDLE WESTERN
ALH 84179	46.5	H-5 CHONDRITE		FAR WESTERN
ALH 84183	27.8	H-5 CHONDRITE		MAIN
ALH 84184	42.1	H-5 CHONDRITE		NEAR WESTERN
ALH 84185	4.8	H-5 CHONDRITE		MIDDLE WESTERN
ALH 84192	4.2	H-5 CHONDRITE		MAIN
ALH 84194	3.9	H-5 CHONDRITE		MAIN
ALH 84196	10.2	H-5 CHONDRITE		MAIN
ALH 84199	27.1	H-5 CHONDRITE		FAR WESTERN
ALH 84201	6.3	H-5 CHONDRITE		NEAR WESTERN
ALH 84202	87.5	H-5 CHONDRITE		NEAR WESTERN
ALH 84213	6.7	H-5 CHONDRITE		MAIN
ALH 84216	5.5	H-5 CHONDRITE		MIDDLE WESTERN
ALH 84217	2.7	H-5 CHONDRITE		FAR WESTERN
ALH 84221	16.4	H-5 CHONDRITE		FAR WESTERN
ALH 84222	9.9	H-5 CHONDRITE		MAIN
ALH 84223	10.6	H-5 CHONDRITE		FAR WESTERN
ALH 84225	8.7	H-5 CHONDRITE		MAIN
ALH 84226	27.6	H-5 CHONDRITE		MAIN
ALH 84227	12.1	H-5 CHONDRITE		NEAR WESTERN
ALH 84228	9.8	H-5 CHONDRITE		MAIN
ALH 84236	32.3	H-5 CHONDRITE		MAIN
ALH 84237	7.5	H-5 CHONDRITE		MAIN
ALH 84239	14.7	H-5 CHONDRITE		MAIN
ALH 84240	25.9	H-5 CHONDRITE		NEAR WESTERN
ALH 84241	16.7	H-5 CHONDRITE		FAR WESTERN
ALH 84245	18.9	H-5 CHONDRITE		FAR WESTERN
ALH 84246	1.8	H-5 CHONDRITE		MIDDLE WESTERN
ALH 84248	4.9	H-5 CHONDRITE		MAIN
ALH 84249	23.4	H-5 CHONDRITE		FAR WESTERN
ALH 84251	34.3	H-5 CHONDRITE		FAR WESTERN
ALH 84253	7.1	H-5 CHONDRITE		FAR WESTERN
ALH 84259	23.1	H-5 CHONDRITE		NEAR WESTERN
ALH 84260	14.6	H-5 CHONDRITE		MAIN
ALH 84263	4.6	H-5 CHONDRITE		NEAR WESTERN
ALH 85021	646.8	H-5 CHONDRITE		FAR WESTERN
ALH 85024	387.7	H-5 CHONDRITE		FAR WESTERN
ALH 85025	713.0	H-5 CHONDRITE		FAR WESTERN
ALH 85038	124.9	H-5 CHONDRITE		FAR WESTERN
ALH 85042	127.9	H-5 CHONDRITE		FAR WESTERN
ALH 85043	204.7	H-5 CHONDRITE		FAR WESTERN
ALH 85048	16.9	H-5 CHONDRITE		MAIN
ALH 85051	4.9	H-5 CHONDRITE		FAR WESTERN
ALH 85054	55.3	H-5 CHONDRITE		FAR WESTERN
ALH 85055	5.8	H-5 CHONDRITE		FAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 85056	7.5	H-5 CHONDRITE		FAR WESTERN
ALH 85067	1.3	H-5 CHONDRITE		MAIN
ALH 85068	3.6	H-5 CHONDRITE		MAIN
ALH 85071	18.7	H-5 CHONDRITE		FAR WESTERN
ALH 85074	3.3	H-5 CHONDRITE		FAR WESTERN
ALH 85077	12.0	H-5 CHONDRITE		FAR WESTERN
ALH 85086	12.2	H-5 CHONDRITE		FAR WESTERN
ALH 85088	.4	H-5 CHONDRITE		MAIN
ALH 85089	1.5	H-5 CHONDRITE		FAR WESTERN
ALH 85091	31.1	H-5 CHONDRITE		FAR WESTERN
ALH 85097	61.4	H-5 CHONDRITE		FAR WESTERN
ALH 85098	6.8	H-5 CHONDRITE		FAR WESTERN
ALH 85099	7.1	H-5 CHONDRITE		FAR WESTERN
ALH 85100	57.7	H-5 CHONDRITE		FAR WESTERN
ALH 85102	12.6	H-5 CHONDRITE		FAR WESTERN
ALH 85104	98.9	H-5 CHONDRITE		FAR WESTERN
ALH 85107	36.6	H-5 CHONDRITE		FAR WESTERN
ALH 85110	22.2	H-5 CHONDRITE		MAIN
ALH 85111	12.9	H-5 CHONDRITE		FAR WESTERN
ALH 85114	11.4	H-5 CHONDRITE		FAR WESTERN
ALH 85120	8.2	H-5 CHONDRITE		FAR WESTERN
ALH 85122	61.2	H-5 CHONDRITE		MAIN
ALH 85125	18.8	H-5 CHONDRITE		FAR WESTERN
ALH 85126	46.5	H-5 CHONDRITE		FAR WESTERN
ALH 85133	90.6	H-5 CHONDRITE		FAR WESTERN
ALH 85134	10.4	H-5 CHONDRITE		FAR WESTERN
ALH 85141	10.6	H-5 CHONDRITE		FAR WESTERN
ALH 85142	50.8	H-5 CHONDRITE		FAR WESTERN
ALH 85143	17.9	H-5 CHONDRITE		FAR WESTERN
ALH 85144	18.3	H-5 CHONDRITE		MAIN
ALH 85145	45.6	H-5 CHONDRITE		FAR WESTERN
ALH 85146	39.7	H-5 CHONDRITE		FAR WESTERN
ALH 86601	309.0	H-5 CHONDRITE		MAIN
ALH 86603	104.5	H-5 CHONDRITE		MAIN
ALH 86606	4.5	H-5 CHONDRITE		MAIN
ALH 86611	9.3	H-5 CHONDRITE		MAIN
ALH 86612	1.5	H-5 CHONDRITE		MAIN
DOM 85500	59.8	H-5 CHONDRITE		
DOM 85501	126.2	H-5 CHONDRITE		
DOM 85507	189.9	H-5 CHONDRITE		
EETA79007	199.9	H-5 CHONDRITE		
EET 82603	8210.0	H-5 CHONDRITE		
EET 82604	1570.6	H-5 CHONDRITE		
EET 82614	8.4	H-5 CHONDRITE		
EET 83200	778.8	H-5 CHONDRITE		
EET 83203	545.6	H-5 CHONDRITE		
EET 83208	263.0	H-5 CHONDRITE		
EET 83223	218.6	H-5 CHONDRITE		
EET 83256	5.0	H-5 CHONDRITE		
EET 83262	23.9	H-5 CHONDRITE		
EET 83278	71.9	H-5 CHONDRITE		
EET 83282	78.9	H-5 CHONDRITE		
EET 83285	3.2	H-5 CHONDRITE		
EET 83287	46.0	H-5 CHONDRITE		
EET 83292	9.3	H-5 CHONDRITE		
EET 83293	18.6	H-5 CHONDRITE		
EET 83300	115.1	H-5 CHONDRITE		
EET 83303	11.8	H-5 CHONDRITE		
EET 83305	167.0	H-5 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 83324	142.8	H-5 CHONDRITE		
EET 83326	112.6	H-5 CHONDRITE		
EET 83331	.3	H-5 CHONDRITE		
EET 83338	26.6	H-5 CHONDRITE		
EET 83346	21.5	H-5 CHONDRITE		
EET 83347	37.2	H-5 CHONDRITE		
EET 83349	27.5	H-5 CHONDRITE		
EET 83351	80.8	H-5 CHONDRITE		
EET 83369	38.9	H-5 CHONDRITE		
EET 83372	168.9	H-5 CHONDRITE		
EET 83377	151.7	H-5 CHONDRITE		
EET 83388	34.7	H-5 CHONDRITE		
EET 83400	112.9	H-5 CHONDRITE		
EET 83402	50.3	H-5 CHONDRITE		
EET 83403	11.7	H-5 CHONDRITE		
EET 84303	57.5	H-5 CHONDRITE		
EET 87537	3702.0	H-5 CHONDRITE		
EET 87539	2928.5	H-5 CHONDRITE		
EET 87545	486.3	H-5 CHONDRITE		
EET 87550	1639.8	H-5 CHONDRITE		
EET 87551	476.0	H-5 CHONDRITE		
EET 87571	162.0	H-5 CHONDRITE		
EET 87576	327.5	H-5 CHONDRITE		
EET 87577	147.9	H-5 CHONDRITE		
EET 87579	326.4	H-5 CHONDRITE		
EET 87581	216.9	H-5 CHONDRITE		
EET 87609	19.6	H-5 CHONDRITE		
EET 87618	62.0	H-5 CHONDRITE		
EET 87636	17.4	H-5 CHONDRITE		
EET 87643	31.0	H-5 CHONDRITE		
EET 87674	3.9	H-5 CHONDRITE		
EET 87677	54.0	H-5 CHONDRITE		
EET 87681	32.0	H-5 CHONDRITE		
EET 87683	10.9	H-5 CHONDRITE		
EET 87687	10.5	H-5 CHONDRITE		
EET 87689	58.6	H-5 CHONDRITE		
EET 87695	118.5	H-5 CHONDRITE		
EET 87699	46.3	H-5 CHONDRITE		
EET 87712	35.4	H-5 CHONDRITE		
EET 87718	5.8	H-5 CHONDRITE		
EET 87731	8.3	H-5 CHONDRITE		
EET 87734	7.2	H-5 CHONDRITE		
EET 87740	39.0	H-5 CHONDRITE		
EET 87743	53.6	H-5 CHONDRITE		
EET 87745	123.0	H-5 CHONDRITE		
EET 87754	34.4	H-5 CHONDRITE		
EET 87755	88.4	H-5 CHONDRITE		
EET 87767	27.9	H-5 CHONDRITE		
EET 87772	23.9	H-5 CHONDRITE		
EET 87781	10.8	H-5 CHONDRITE		
EET 87787	20.8	H-5 CHONDRITE		
EET 87790	175.4	H-5 CHONDRITE		
EET 87798	35.7	H-5 CHONDRITE		
EET 87821	152.5	H-5 CHONDRITE		
EET 87822	96.2	H-5 CHONDRITE		
EET 87832	12.6	H-5 CHONDRITE		
EET 87838	13.3	H-5 CHONDRITE		
EET 87840	81.7	H-5 CHONDRITE		
EET 87859	33.0	H-5 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
GRO 85200	3821.6	H-5 CHONDRITE		
GRO 85203	1450.4	H-5 CHONDRITE		
GRO 85206	2420.1	H-5 CHONDRITE		
GRO 85210	246.8	H-5 CHONDRITE		
GRO 85211	355.3	H-5 CHONDRITE		
LEW 85314	14.0	H-5 CHONDRITE		
LEW 85316	34.3	H-5 CHONDRITE	LEW 85316	LOWER ICE TONGUE
LEW 85318	152.2	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85319	11491.0	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85320	110224.0	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85324	514.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85326	224.7	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85327	439.4	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85334	177.0	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85336	60.0	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85338	99.4	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85341	76.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85342	6.9	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85344	2.8	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85345	32.2	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85347	31.2	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85352	9.2	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85355	5.5	H-5 CHONDRITE	LEW 85316	LOWER ICE TONGUE
LEW 85357	61.4	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85358	14.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85371	55.3	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85375	37.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85387	3.8	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85393	51.3	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85405	62.8	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85433	57.3	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 85435	20.7	H-5 CHONDRITE	LEW 85316	LOWER ICE TONGUE
LEW 86020	360.5	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86026	22.1	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86029	16.5	H-5 CHONDRITE		METEORITE MORaine
LEW 86031	74.5	H-5 CHONDRITE		METEORITE MORaine
LEW 86032	1.4	H-5 CHONDRITE		METEORITE MORaine
LEW 86035	77.7	H-5 CHONDRITE		METEORITE MORaine
LEW 86036	9.3	H-5 CHONDRITE		METEORITE MORaine
LEW 86037	5.6	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86039	41.5	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86041	22.5	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86044	18.8	H-5 CHONDRITE		METEORITE MORaine
LEW 86045	5.4	H-5 CHONDRITE		METEORITE MORaine
LEW 86046	4.6	H-5 CHONDRITE		METEORITE MORaine
LEW 86047	68.7	H-5 CHONDRITE		METEORITE MORaine
LEW 86049	14.8	H-5 CHONDRITE		METEORITE MORaine
LEW 86050	10.6	H-5 CHONDRITE		METEORITE MORaine
LEW 86051	2.0	H-5 CHONDRITE		METEORITE MORaine
LEW 86083	198.9	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86086	104.0	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86091	66.7	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86096	70.9	H-5 CHONDRITE		METEORITE MORaine
LEW 86188	6.1	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86215	123.3	H-5 CHONDRITE		METEORITE MORaine
LEW 86225	102.8	H-5 CHONDRITE		METEORITE MORaine
LEW 86250	141.8	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86312	101.8	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86341	9.4	H-5 CHONDRITE		LOWER ICE TONGUE

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 86371	146.6	H-5 CHONDRITE		METEORITE MORaine
LEW 86393	69.9	H-5 CHONDRITE		METEORITE MORaine
LEW 86418	42.8	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 86442	59.1	H-5 CHONDRITE		METEORITE MORaine
LEW 86463	64.8	H-5 CHONDRITE		METEORITE MORaine
LEW 86470	58.5	H-5 CHONDRITE		METEORITE MORaine
LEW 86479	141.2	H-5 CHONDRITE		METEORITE MORaine
LEW 86485	51.9	H-5 CHONDRITE		METEORITE MORaine
LEW 86501	84.6	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86513	6.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86514	65.1	H-5 CHONDRITE		LOWER ICE TONGUE
LEW 86534	89.3	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 87023	14.0	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 87029	4026.6	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87030	7986.5	H-5 CHONDRITE		UPPER WALCOTT NEVE
LEW 87031	1315.1	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87033	1264.2	H-5 CHONDRITE		UPPER WALCOTT NEVE
LEW 87034	734.8	H-5 CHONDRITE		UPPER WALCOTT NEVE
LEW 87037	232.2	H-5 CHONDRITE		UPPER WALCOTT NEVE
LEW 87041	181.6	H-5 CHONDRITE		METEORITE MORaine
LEW 87043	201.8	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87095	75.3	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87136	4.0	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 87155	54.0	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87171	95.6	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87172	93.2	H-5 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87183	57.9	H-5 CHONDRITE		METEORITE MORaine
LEW 87205	51.3	H-5 CHONDRITE		METEORITE MORaine
LEW 87222	51.9	H-5 CHONDRITE		METEORITE MORaine
LEW 87240	44.3	H-5 CHONDRITE		METEORITE MORaine
LEW 87258	55.0	H-5 CHONDRITE		METEORITE MORaine
LEW 87261	89.1	H-5 CHONDRITE		METEORITE MORaine
LEW 87267	91.1	H-5 CHONDRITE		METEORITE MORaine
LEW 87268	55.4	H-5 CHONDRITE		METEORITE MORaine
LEW 87277	89.5	H-5 CHONDRITE		METEORITE MORaine
LEW 87291	61.4	H-5 CHONDRITE		METEORITE MORaine
LEW 88013	219.1	H-5 CHONDRITE		UPPER ICE TONGUE
LEW 88014	466.5	H-5 CHONDRITE		METEORITE MORaine
MAC 87312	322.5	H-5 CHONDRITE		
MAC 87313	430.0	H-5 CHONDRITE		
MAC 87319	86.2	H-5 CHONDRITE		
MAC 88103	20.4	H-5 CHONDRITE		
MAC 88108	6988.4	H-5 CHONDRITE		
MAC 88110	5369.9	H-5 CHONDRITE		
MAC 88115	2247.3	H-5 CHONDRITE		
MAC 88116	1453.0	H-5 CHONDRITE		
MAC 88119	920.8	H-5 CHONDRITE		
META78009	28.8	H-5 CHONDRITE		
META78010	233.5	H-5 CHONDRITE		
META78011	115.7	H-5 CHONDRITE		
META78012	86.3	H-5 CHONDRITE		
META78018	81.9	H-5 CHONDRITE		
MIL 85600	496.9	H-5 CHONDRITE		
PCA 82517	41.3	H-5 CHONDRITE		
PCA 82521	1.4	H-5 CHONDRITE		
PCA 82522	45.5	H-5 CHONDRITE		
RKPA78005	28.7	H-5 CHONDRITE		
RKPA79004	370.9	H-5 CHONDRITE		
RKPA79014	77.7	H-5 CHONDRITE		

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
RKPA80210	10.6	H-5 CHONDRITE		
RKPA80217	7.8	H-5 CHONDRITE	RKPA80217	
RKPA80218	6.7	H-5 CHONDRITE	RKPA80217	
RKPA80220	124.5	H-5 CHONDRITE	RKPA80220	
RKPA80223	25.1	H-5 CHONDRITE	RKPA80220	
RKPA80227	7.7	H-5 CHONDRITE		
RKPA80230	58.2	H-5 CHONDRITE		
RKPA80233	413.5	H-5 CHONDRITE		
RKPA80236	15.6	H-5 CHONDRITE		
RKPA80240	61.4	H-5 CHONDRITE		
RKPA80243	3.4	H-5 CHONDRITE		
RKPA80244	14.2	H-5 CHONDRITE		
RKPA80245	36.7	H-5 CHONDRITE		
RKPA80247	1.1	H-5 CHONDRITE		
RKPA80249	9.7	H-5 CHONDRITE		
RKPA80250	3.9	H-5 CHONDRITE	RKPA80250	
RKPA80251	29.1	H-5 CHONDRITE	RKPA80250	
RKPA80257	8.5	H-5 CHONDRITE		
RKPA80260	7.5	H-5 CHONDRITE		
RKP 86705	68.5	H-5 CHONDRITE		
TIL 82409	230.9	H-5 CHONDRITE		
TIL 82412	35.2	H-5 CHONDRITE	TIL 82412	
TIL 82413	18.4	H-5 CHONDRITE	TIL 82412	
TIL 82414	15.4	H-5 CHONDRITE	TIL 82414	
TIL 82415	70.2	H-5 CHONDRITE	TIL 82414	
ALH 82102	48.1	H-5 CHONDRITE (IN ICE)		FAR WESTERN
ALHA78147	30.6	H-5,6 CHONDRITE		MAIN
ALHA76006	1137.0	H-6 CHONDRITE		MAIN
ALHA76008	1150.0	H-6 CHONDRITE		MAIN
ALHA77046	7.6	H-6 CHONDRITE		MAIN
ALHA77111	52.3	H-6 CHONDRITE		MAIN
ALHA77131	25.9	H-6 CHONDRITE		MAIN
ALHA77133	18.7	H-6 CHONDRITE		MAIN
ALHA77134	19.1	H-6 CHONDRITE		MAIN
ALHA77144	7.9	H-6 CHONDRITE	ALHA77144	MAIN
ALHA77146	18.2	H-6 CHONDRITE		MAIN
ALHA77147	18.7	H-6 CHONDRITE		MAIN
ALHA77148	13.1	H-6 CHONDRITE	ALHA77144	MAIN
ALHA77149	25.6	H-6 CHONDRITE		MAIN
ALHA77157	88.3	H-6 CHONDRITE		MAIN
ALHA77183	288.0	H-6 CHONDRITE		MAIN
ALHA77200	.9	H-6 CHONDRITE		MAIN
ALHA77209	31.8	H-6 CHONDRITE		MAIN
ALHA77212	16.8	H-6 CHONDRITE		MAIN
ALHA77239	19.0	H-6 CHONDRITE		MAIN
ALHA77246	41.6	H-6 CHONDRITE		MAIN
ALHA77248	96.1	H-6 CHONDRITE		MAIN
ALHA77258	597.3	H-6 CHONDRITE		MAIN
ALHA77271	609.5	H-6 CHONDRITE	ALHA77271	MAIN
ALHA77285	271.1	H-6 CHONDRITE		MAIN
ALHA77288	1880.0	H-6 CHONDRITE	ALHA77271	MAIN
ALHA78002	11.5	H-6 CHONDRITE		MAIN
ALHA78035	2.5	H-6 CHONDRITE		MAIN
ALHA78065	7.3	H-6 CHONDRITE		MAIN
ALHA78067	7.8	H-6 CHONDRITE		MAIN
ALHA78069	4.4	H-6 CHONDRITE		MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA78076	275.6	H-6 CHONDRITE		MAIN
ALHA78086	9.0	H-6 CHONDRITE		MAIN
ALHA78115	847.6	H-6 CHONDRITE		MAIN
ALHA78122	4.7	H-6 CHONDRITE		MAIN
ALHA78124	27.7	H-6 CHONDRITE		MAIN
ALHA78135	130.8	H-6 CHONDRITE		MAIN
ALHA78137	70.0	H-6 CHONDRITE		MAIN
ALHA78145	34.4	H-6 CHONDRITE		MAIN
ALHA78152	4.7	H-6 CHONDRITE		MAIN
ALHA78169	22.2	H-6 CHONDRITE		MAIN
ALHA78184	8.2	H-6 CHONDRITE		MAIN
ALHA78189	22.7	H-6 CHONDRITE		MAIN
ALHA78191	19.6	H-6 CHONDRITE		MAIN
ALHA78207	8.4	H-6 CHONDRITE		MAIN
ALHA78211	11.5	H-6 CHONDRITE	ALHA78211	MAIN
ALHA78213	9.6	H-6 CHONDRITE	ALHA78211	MAIN
ALHA78215	6.4	H-6 CHONDRITE	ALHA78211	MAIN
ALHA78229	1.9	H-6 CHONDRITE	ALHA78211	MAIN
ALHA78231	1.9	H-6 CHONDRITE	ALHA78211	MAIN
ALHA78249	4.2	H-6 CHONDRITE		MAIN
ALHA79002	222.8	H-6 CHONDRITE		MAIN
ALHA79005	60.0	H-6 CHONDRITE		MAIN
ALHA79016	1146.0	H-6 CHONDRITE		MAIN
ALHA79019	12.1	H-6 CHONDRITE		MAIN
ALHA79020	4.2	H-6 CHONDRITE		MAIN
ALHA79024	21.6	H-6 CHONDRITE		MAIN
ALHA79028	16.3	H-6 CHONDRITE		MAIN
ALHA79034	12.6	H-6 CHONDRITE		MAIN
ALHA79037	14.8	H-6 CHONDRITE		MAIN
ALHA79049	54.0	H-6 CHONDRITE		MAIN
ALHA79055	15.3	H-6 CHONDRITE		MAIN
ALHA80118	2.4	H-6 CHONDRITE		MAIN
ALHA80122	49.8	H-6 CHONDRITE	ALHA80122	MAIN
ALHA80126	34.5	H-6 CHONDRITE	ALHA80122	MAIN
ALHA80130	5.3	H-6 CHONDRITE	ALHA80122	MAIN
ALHA81035	256.1	H-6 CHONDRITE	ALHA81035	MAIN
ALHA81037	320.3	H-6 CHONDRITE		MAIN
ALHA81038	229.0	H-6 CHONDRITE	ALHA81035	MAIN
ALHA81054	2.2	H-6 CHONDRITE		MAIN
ALHA81055	4.6	H-6 CHONDRITE		MAIN
ALHA81076	10.3	H-6 CHONDRITE		MAIN
ALHA81078	5.9	H-6 CHONDRITE		MAIN
ALHA81079	7.5	H-6 CHONDRITE		MAIN
ALHA81086	5.7	H-6 CHONDRITE		MAIN
ALHA81093	271.0	H-6 CHONDRITE		MAIN
ALHA81094	152.0	H-6 CHONDRITE		NEAR WESTERN
ALHA81096	83.0	H-6 CHONDRITE		MAIN
ALHA81102	196.0	H-6 CHONDRITE		MAIN
ALHA81103	136.1	H-6 CHONDRITE	ALHA81035	MIDDLE WESTERN
ALHA81111	210.3	H-6 CHONDRITE		MIDDLE WESTERN
ALHA81112	150.3	H-6 CHONDRITE	ALHA81035	MAIN
ALHA81127	15.4	H-6 CHONDRITE		MAIN
ALHA81134	15.4	H-6 CHONDRITE		MAIN
ALHA81137	9.4	H-6 CHONDRITE		MAIN
ALHA81146	23.8	H-6 CHONDRITE		MAIN
ALHA81154	1.1	H-6 CHONDRITE		MAIN
ALHA81160	11.7	H-6 CHONDRITE		MAIN
ALHA81180	16.6	H-6 CHONDRITE		MAIN
ALHA81193	13.4	H-6 CHONDRITE		MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
ALHA81196	9.4	H-6 CHONDRITE		MAIN
ALHA81204	7.3	H-6 CHONDRITE		MAIN
ALHA81210	.6	H-6 CHONDRITE		MAIN
ALHA81223	9.5	H-6 CHONDRITE		MAIN
ALHA81224	13.6	H-6 CHONDRITE		MAIN
ALHA81225	13.9	H-6 CHONDRITE		MAIN
ALHA81248	4.9	H-6 CHONDRITE		MAIN
ALHA81250	16.9	H-6 CHONDRITE		MAIN
ALHA81253	10.2	H-6 CHONDRITE		MAIN
ALHA81254	8.6	H-6 CHONDRITE		MAIN
ALHA81268	17.9	H-6 CHONDRITE		MAIN
ALHA81271	27.6	H-6 CHONDRITE		MAIN
ALHA81273	42.8	H-6 CHONDRITE		MAIN
ALHA81288	19.8	H-6 CHONDRITE		MAIN
ALHA81291	3.9	H-6 CHONDRITE		MAIN
ALHA81298	16.2	H-6 CHONDRITE		MAIN
ALHA81303	3.7	H-6 CHONDRITE		MAIN
ALHA81310	.7	H-6 CHONDRITE		MAIN
ALHA81317	.4	H-6 CHONDRITE		MAIN
ALH 82113	61.2	H-6 CHONDRITE		FAR WESTERN
ALH 82116	18.4	H-6 CHONDRITE		FAR WESTERN
ALH 82124	25.8	H-6 CHONDRITE		FAR WESTERN
ALH 82127	5.1	H-6 CHONDRITE		FAR WESTERN
ALH 82138	5.0	H-6 CHONDRITE		FAR WESTERN
ALH 82143	3.5	H-6 CHONDRITE		FAR WESTERN
ALH 83013	246.3	H-6 CHONDRITE		MAIN
ALH 83024	6.2	H-6 CHONDRITE		MIDDLE WESTERN
ALH 83028	16.0	H-6 CHONDRITE		MAIN
ALH 83050	9.7	H-6 CHONDRITE		MAIN
ALH 83071	4.9	H-6 CHONDRITE		MAIN
ALH 83103	51.8	H-6 CHONDRITE		FAR WESTERN
ALH 84071	797.7	H-6 CHONDRITE		MAIN
ALH 84082	556.6	H-6 CHONDRITE		FAR WESTERN
ALH 84083	419.7	H-6 CHONDRITE		NEAR WESTERN
ALH 84093	113.5	H-6 CHONDRITE		MIDDLE WESTERN
ALH 84101	220.9	H-6 CHONDRITE		MAIN
ALH 84105	260.9	H-6 CHONDRITE		NEAR WESTERN
ALH 84108	214.8	H-6 CHONDRITE		FAR WESTERN
ALH 84109	245.9	H-6 CHONDRITE		NEAR WESTERN
ALH 84110	318.5	H-6 CHONDRITE		NEAR WESTERN
ALH 84113	212.1	H-6 CHONDRITE		NEAR WESTERN
ALH 84114	119.9	H-6 CHONDRITE		FAR WESTERN
ALH 84115	194.5	H-6 CHONDRITE		FAR WESTERN
ALH 84118	113.7	H-6 CHONDRITE		MAIN
ALH 84147	54.2	H-6 CHONDRITE		FAR WESTERN
ALH 84150	20.0	H-6 CHONDRITE		FAR WESTERN
ALH 84151	112.4	H-6 CHONDRITE		NEAR WESTERN
ALH 84153	242.9	H-6 CHONDRITE		FAR WESTERN
ALH 84159	100.8	H-6 CHONDRITE		NEAR WESTERN
ALH 84171	36.6	H-6 CHONDRITE		FAR WESTERN
ALH 84176	4.6	H-6 CHONDRITE		MAIN
ALH 84180	47.4	H-6 CHONDRITE		MAIN
ALH 84186	19.6	H-6 CHONDRITE		MAIN
ALH 84187	25.9	H-6 CHONDRITE		NEAR WESTERN
ALH 84189	8.7	H-6 CHONDRITE		NEAR WESTERN
ALH 84204	24.4	H-6 CHONDRITE		FAR WESTERN
ALH 84208	20.9	H-6 CHONDRITE		FAR WESTERN
ALH 84211	49.2	H-6 CHONDRITE		FAR WESTERN
ALH 84214	4.9	H-6 CHONDRITE		MIDDLE WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 84215	9.2	H-6 CHONDRITE		MAIN
ALH 84224	7.2	H-6 CHONDRITE		MAIN
ALH 84242	16.9	H-6 CHONDRITE		MIDDLE WESTERN
ALH 84243	48.9	H-6 CHONDRITE		MANHAUL BAY
ALH 84252	3.1	H-6 CHONDRITE		FAR WESTERN
ALH 84257	18.8	H-6 CHONDRITE		FAR WESTERN
ALH 84262	15.3	H-6 CHONDRITE		NEAR WESTERN
ALH 85018	811.8	H-6 CHONDRITE		FAR WESTERN
ALH 85020	744.3	H-6 CHONDRITE		FAR WESTERN
ALH 85023	438.5	H-6 CHONDRITE		FAR WESTERN
ALH 85028	325.7	H-6 CHONDRITE		FAR WESTERN
ALH 85030	619.7	H-6 CHONDRITE	ALH 85030	FAR WESTERN
ALH 85031	200.6	H-6 CHONDRITE	ALH 85030	FAR WESTERN
ALH 85032	424.2	H-6 CHONDRITE	ALH 85030	FAR WESTERN
ALH 85036	231.5	H-6 CHONDRITE		FAR WESTERN
ALH 85037	141.2	H-6 CHONDRITE		MAIN
ALH 85041	168.0	H-6 CHONDRITE		MAIN
ALH 85044	104.8	H-6 CHONDRITE		MAIN
ALH 85052	17.4	H-6 CHONDRITE		FAR WESTERN
ALH 85069	4.6	H-6 CHONDRITE		FAR WESTERN
ALH 85072	4.3	H-6 CHONDRITE		FAR WESTERN
ALH 85081	12.2	H-6 CHONDRITE		FAR WESTERN
ALH 85094	8.7	H-6 CHONDRITE		MAIN
ALH 85108	14.6	H-6 CHONDRITE		FAR WESTERN
ALH 85109	20.7	H-6 CHONDRITE		MAIN
ALH 85117	27.8	H-6 CHONDRITE		FAR WESTERN
ALH 85127	10.0	H-6 CHONDRITE		FAR WESTERN
ALH 85128	16.1	H-6 CHONDRITE		FAR WESTERN
ALH 85130	99.7	H-6 CHONDRITE		FAR WESTERN
ALH 85136	75.3	H-6 CHONDRITE		FAR WESTERN
ALH 85139	26.0	H-6 CHONDRITE		FAR WESTERN
ALH 85140	9.1	H-6 CHONDRITE		FAR WESTERN
ALH 85148	3.6	H-6 CHONDRITE		FAR WESTERN
ALH 85156	32.0	H-6 CHONDRITE		FAR WESTERN
ALH 86607	2.9	H-6 CHONDRITE		MAIN
ALH 87901	21.5	H-6 CHONDRITE		MAIN
BOW 85800	140.6	H-6 CHONDRITE		
BTNA78005	81.8	H-6 CHONDRITE		
DOM 85508	14.0	H-6 CHONDRITE		
EET 82610	42.1	H-6 CHONDRITE	EET 82610	
EET 82615	29.3	H-6 CHONDRITE	EET 82610	
EET 83201	1059.8	H-6 CHONDRITE		
EET 83215	510.4	H-6 CHONDRITE		
EET 83263	10.2	H-6 CHONDRITE		
EET 83270	2.4	H-6 CHONDRITE		
EET 83275	85.8	H-6 CHONDRITE		
EET 83281	51.0	H-6 CHONDRITE		
EET 83288	37.7	H-6 CHONDRITE		
EET 83295	27.9	H-6 CHONDRITE		
EET 83299	6.3	H-6 CHONDRITE		
EET 83310	64.2	H-6 CHONDRITE		
EET 83320	56.3	H-6 CHONDRITE		
EET 83321	11.0	H-6 CHONDRITE		
EET 83360	40.1	H-6 CHONDRITE		
EET 83362	10.1	H-6 CHONDRITE		
EET 83367	107.4	H-6 CHONDRITE		
EET 83373	158.9	H-6 CHONDRITE		
EET 83374	95.8	H-6 CHONDRITE		
EET 83382	11.6	H-6 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 83385	3.9	H-6 CHONDRITE		
EET 83393	30.0	H-6 CHONDRITE		
EET 83394	54.3	H-6 CHONDRITE		
EET 83397	32.1	H-6 CHONDRITE		
EET 84306	3.5	H-6 CHONDRITE		
EET 87543	1761.9	H-6 CHONDRITE		
EET 87546	2018.2	H-6 CHONDRITE		
EET 87547	1223.2	H-6 CHONDRITE		
EET 87552	535.1	H-6 CHONDRITE		
EET 87562	308.3	H-6 CHONDRITE		
EET 87563	300.4	H-6 CHONDRITE		
EET 87565	343.7	H-6 CHONDRITE		
EET 87575	396.0	H-6 CHONDRITE		
EET 87591	19.6	H-6 CHONDRITE		
EET 87592	89.7	H-6 CHONDRITE		
EET 87602	76.7	H-6 CHONDRITE		
EET 87608	39.4	H-6 CHONDRITE		
EET 87654	5.2	H-6 CHONDRITE		
EET 87658	8.4	H-6 CHONDRITE		
EET 87662	2.5	H-6 CHONDRITE		
EET 87664	48.2	H-6 CHONDRITE		
EET 87672	126.3	H-6 CHONDRITE		
EET 87692	1.4	H-6 CHONDRITE		
EET 87693	11.3	H-6 CHONDRITE		
EET 87713	3.5	H-6 CHONDRITE		
EET 87719	65.7	H-6 CHONDRITE		
EET 87739	8.4	H-6 CHONDRITE		
EET 87751	3.2	H-6 CHONDRITE		
EET 87757	54.8	H-6 CHONDRITE		
EET 87785	14.1	H-6 CHONDRITE		
EET 87786	.6	H-6 CHONDRITE		
EET 87792	36.4	H-6 CHONDRITE		
EET 87793	1.3	H-6 CHONDRITE		
EET 87815	24.2	H-6 CHONDRITE		
EET 87816	3.3	H-6 CHONDRITE		
EET 87820	221.4	H-6 CHONDRITE		
EET 87824	20.1	H-6 CHONDRITE		
EET 87834	.8	H-6 CHONDRITE		
EET 87837	1.6	H-6 CHONDRITE		
GRO 85218	6.8	H-6 CHONDRITE		
HOW 88400	2104.2	H-6 CHONDRITE		
LEW 85301	13.1	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85315	10.2	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85322	582.0	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85329	169.6	H-6 CHONDRITE		NEAR METEORITE MORaine
LEW 85330	67.0	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85331	54.3	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85335	106.7	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85337	57.4	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85348	31.0	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85359	17.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85373	45.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 85377	30.8	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85378	65.6	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85381.	21.7	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85384	5.6	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85399	8.2	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85400	6.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 85402	65.9	H-6 CHONDRITE		LOWER ICE TONGUE

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 85408	3.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85410	2.3	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85411	3.6	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85412	70.9	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85446	41.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 85469	7.7	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86015	780.1	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86017	687.6	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86028	25.9	H-6 CHONDRITE		METEORITE MORaine
LEW 86030	13.4	H-6 CHONDRITE		METEORITE MORaine
LEW 86066	18.5	H-6 CHONDRITE		METEORITE MORaine
LEW 86089	84.8	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86120	32.9	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86137	6.5	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86139	3.8	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86160	15.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86163	15.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86168	18.3	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86170	4.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86178	13.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86182	18.8	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86183	22.9	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86190	28.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86196	18.5	H-6 CHONDRITE		METEORITE MORaine
LEW 86201	18.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86204	22.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86205	17.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86212	5.5	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86218	6.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86221	17.6	H-6 CHONDRITE		METEORITE MORaine
LEW 86236	1.5	H-6 CHONDRITE		METEORITE MORaine
LEW 86239	25.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86252	32.9	H-6 CHONDRITE		METEORITE MORaine
LEW 86253	10.1	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86281	55.7	H-6 CHONDRITE		METEORITE MORaine
LEW 86287	41.5	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86295	43.8	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86328	7.2	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86333	9.2	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86335	3.1	H-6 CHONDRITE		METEORITE MORaine
LEW 86340	25.1	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86342	2.4	H-6 CHONDRITE		METEORITE MORaine
LEW 86343	6.3	H-6 CHONDRITE		METEORITE MORaine
LEW 86350	19.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86364	19.8	H-6 CHONDRITE		METEORITE MORaine
LEW 86381	6.6	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86416	18.2	H-6 CHONDRITE		METEORITE MORaine
LEW 86433	6.1	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86445	9.3	H-6 CHONDRITE		METEORITE MORaine
LEW 86466	70.9	H-6 CHONDRITE		METEORITE MORaine
LEW 86471	82.9	H-6 CHONDRITE		METEORITE MORaine
LEW 86474	6.8	H-6 CHONDRITE		METEORITE MORaine
LEW 86493	4.6	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86504	7.6	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86522	42.7	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 86537	17.2	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86543	26.4	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 86544	65.3	H-6 CHONDRITE		LOWER ICE TONGUE
LEW 87032	1581.8	H-6 CHONDRITE		SOUTH LEWIS CLIFF

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 87039	309.4	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87044	534.8	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87047	455.7	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87048	277.6	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87050	129.7	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87052	2.8	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87055	150.0	H-6 CHONDRITE		UPPER WALCOTT NEVE?
LEW 87060	.8	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87063	25.0	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87076	51.7	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87091	4.0	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87092	15.3	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87102	15.8	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87104	9.6	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87105	15.9	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87106	81.6	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87125	4.3	H-6 CHONDRITE		UPPER ICE TONGUE
LEW 87142	4.1	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87154	61.4	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87161	20.0	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87189	30.6	H-6 CHONDRITE		METEORITE MORaine
LEW 87194	57.7	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87203	20.7	H-6 CHONDRITE		METEORITE MORaine
LEW 87221	15.1	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87230	175.1	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87231	75.1	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87253	3.9	H-6 CHONDRITE		METEORITE MORaine
LEW 87263	67.5	H-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87273	48.2	H-6 CHONDRITE		METEORITE MORaine
MAC 87315	219.1	H-6 CHONDRITE		
MBRA76001	4108.0	H-6 CHONDRITE	MBRA76001	
MBRA76002	13773.0	H-6 CHONDRITE	MBRA76001	
META78006	409.6	H-6 CHONDRITE		
META78007	174.8	H-6 CHONDRITE		
META78013	131.9	H-6 CHONDRITE		
META78014	100.5	H-6 CHONDRITE		
META78016	114.1	H-6 CHONDRITE		
META78017	46.9	H-6 CHONDRITE		
META78019	91.1	H-6 CHONDRITE		
META78020	63.7	H-6 CHONDRITE		
META78022	48.5	H-6 CHONDRITE		
META78023	55.6	H-6 CHONDRITE		
META78024	22.2	H-6 CHONDRITE		
META78025	58.2	H-6 CHONDRITE		
META78026	75.2	H-6 CHONDRITE		
META78027	52.5	H-6 CHONDRITE		
PCA 82512	55.2	H-6 CHONDRITE		
PCA 82516	16.0	H-6 CHONDRITE		
PCA 82523	11.5	H-6 CHONDRITE		
PCA 82526	24.9	H-6 CHONDRITE	PCA 82526	
PCA 82527	3.4	H-6 CHONDRITE	PCA 82526	
RKPA79003	182.2	H-6 CHONDRITE		
RKPA79009	54.7	H-6 CHONDRITE		
RKPA79012	12.8	H-6 CHONDRITE		
RKPA80201	813.0	H-6 CHONDRITE		
RKPA80203	3.8	H-6 CHONDRITE	RKPA80203	
RKPA80206	46.6	H-6 CHONDRITE	RKPA80203	
RKPA80208	10.2	H-6 CHONDRITE	RKPA80203	
RKPA80211	2.1	H-6 CHONDRITE	RKPA80203	

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
RKPA80213	19.1	H-6 CHONDRITE	RKPA80203	
RKPA80214	4.9	H-6 CHONDRITE	RKPA80203	
RKPA80221	51.9	H-6 CHONDRITE	RKPA80203	
RKPA80231	238.1	H-6 CHONDRITE	RKPA80203	
RKPA80254	68.5	H-6 CHONDRITE	RKPA80203	
RKPA80255	6.7	H-6 CHONDRITE	RKPA80203	
RKPA80262	32.1	H-6 CHONDRITE	RKPA80203	
RKPA80265	7.8	H-6 CHONDRITE	RKPA80203	
RKPA80266	9.8	H-6 CHONDRITE	RKPA80203	
RKP 86701	176.8	H-6 CHONDRITE		
RKP 86703	196.0	H-6 CHONDRITE		
TIL 82405	1115.7	H-6 CHONDRITE		
ALHA77011	291.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77013	23.0	L-3 CHONDRITE		MAIN
ALHA77015	411.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77031	.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77033	9.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77034	1.8	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77036	8.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77043	11.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77047	20.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77049	7.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77050	84.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77052	112.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77115	154.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77140	78.6	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77160	70.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77163	24.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77164	38.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77165	30.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77166	138.8	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77167	611.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77170	12.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77175	23.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77176	55.4	L-3 CHONDRITE		MAIN
ALHA77178	5.7	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77185	28.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77197	20.3	L-3 CHONDRITE		MAIN
ALHA77211	26.7	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77214	2111.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77215	819.6	L-3 CHONDRITE	ALHA77216	MAIN
ALHA77216	1470.0	L-3 CHONDRITE	ALHA77216	MAIN
ALHA77217	413.2	L-3 CHONDRITE	ALHA77216	MAIN
ALHA77241	144.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77244	39.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77249	503.6	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77252	343.1	L-3 CHONDRITE	ALHA77216	MAIN
ALHA77260	744.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA77303	78.6	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78013	4.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78015**	34.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78017	2.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78037	.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78038	363.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78041	117.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78046	70.0	L-3 CHONDRITE	ALHA78046	MAIN
ALHA78119	102.6	L-3 CHONDRITE		MAIN
ALHA78133	59.9	L-3 CHONDRITE		MAIN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
ALHA78149	23.2	L-3 CHONDRITE		MAIN
ALHA78162	33.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78170**	20.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78176	8.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78180	7.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78186	3.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78188	.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78235	19.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78236	14.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78238	9.8	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78239	16.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA78243	1.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA79001	32.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA79045	115.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA80133	3.6	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81024	797.7	L-3 CHONDRITE		MAIN
ALHA81025	379.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81030	1851.6	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81031	1594.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81032	726.8	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81053	2.5	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81060	28.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81061	23.7	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81065	13.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81066	8.7	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81069	7.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81085	16.2	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81087	8.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81121	88.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81145	21.1	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81156	19.7	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81162	59.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81190	48.3	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81191	30.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81214	4.4	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81229	40.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81243	15.0	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81259	9.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81272	22.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81280	54.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81292	12.9	L-3 CHONDRITE	ALHA77011	MAIN
ALHA81299	.5	L-3 CHONDRITE	ALHA77011	MAIN
ALH 83008	272.0	L-3 CHONDRITE	ALHA78046	MAIN
ALH 83010	395.2	L-3 CHONDRITE		MIDDLE WESTERN
ALH 83017	.6	L-3 CHONDRITE		MIDDLE WESTERN
ALH 83038	86.5	L-3 CHONDRITE	ALHA77011	MAIN
ALH 84120	129.0	L-3 CHONDRITE		FAR WESTERN
ALH 84205	25.2	L-3 CHONDRITE		FAR WESTERN
ALH 85045	145.0	L-3 CHONDRITE		FAR WESTERN
ALH 85062	167.3	L-3 CHONDRITE		FAR WESTERN
ALH 85070	12.9	L-3 CHONDRITE		FAR WESTERN
ALH 85155	18.5	L-3 CHONDRITE	ALHA77011	FAR WESTERN
EET 82601	149.5	L-3 CHONDRITE		
EET 83213	2727.0	L-3 CHONDRITE		
EET 83260	15.4	L-3 CHONDRITE		
EET 83274	82.7	L-3 CHONDRITE	EET 83274	
EET 83395	65.3	L-3 CHONDRITE	EET 83274	
EET 83399	203.3	L-3 CHONDRITE		
EET 87735	4.2	L-3 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 85339	28.8	L-3 CHONDRITE		LOWER ICE TONGUE
LEW 85396	60.2	L-3 CHONDRITE	LEW 85396	LOWER ICE TONGUE
LEW 85401	3.9	L-3 CHONDRITE	LEW 85396	LOWER ICE TONGUE
LEW 86018	502.0	L-3 CHONDRITE		LOWER ICE TONGUE
LEW 86021	325.8	L-3 CHONDRITE		UPPER ICE TONGUE
LEW 86022	351.7	L-3 CHONDRITE	LEW 85396	UPPER ICE TONGUE
LEW 86127	11.9	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86134	28.9	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86144	11.1	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86158	8.6	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86207	17.7	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86246	2.3	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86270	4.2	L-3 CHONDRITE		UPPER ICE TONGUE
LEW 86307	4.9	L-3 CHONDRITE	LEW 86307	LOWER ICE TONGUE
LEW 86367	10.5	L-3 CHONDRITE	LEW 86307	LOWER ICE TONGUE
LEW 86408	1.4	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86417	1.6	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86436	3.9	L-3 CHONDRITE	LEW 86127	UPPER ICE TONGUE
LEW 86505	43.9	L-3 CHONDRITE	LEW 86127	LOWER ICE TONGUE
LEW 86549	50.1	L-3 CHONDRITE		UPPER ICE TONGUE
LEW 87208	34.5	L-3 CHONDRITE		UPPER WALCOTT NEVE
LEW 87248	13.8	L-3 CHONDRITE		UPPER WALCOTT NEVE
LEW 87284	38.6	L-3 CHONDRITE		UPPER WALCOTT NEVE
RKPA79008	73.0	L-3 CHONDRITE		
RKPA80207	17.7	L-3 CHONDRITE		
RKPA80256	153.2	L-3 CHONDRITE	RKPA80256	
RKP 86700	424.1	L-3 CHONDRITE	RKPA80256	
ALHA79022	31.4	L-3,4 CHONDRITE		MAIN
ALHA77230	2473.0	L-4 CHONDRITE		MAIN
ALHA77304	650.4	L-4 CHONDRITE		MAIN
ALHA78044	164.1	L-4 CHONDRITE		MAIN
ALHA78070	10.0	L-4 CHONDRITE		MAIN
ALHA81040	194.5	L-4 CHONDRITE		MAIN
ALHA81119	107.4	L-4 CHONDRITE		NEAR WESTERN
ALHA81184	16.7	L-4 CHONDRITE		MAIN
ALH 83001	1568.6	L-4 CHONDRITE		NEAR WESTERN
ALH 83023	4.2	L-4 CHONDRITE		MIDDLE WESTERN
ALH 84195	2.1	L-4 CHONDRITE		MAIN
ALH 85033	249.8	L-4 CHONDRITE		FAR WESTERN
ALH 85053	.5	L-4 CHONDRITE		FAR WESTERN
ALH 85058	.3	L-4 CHONDRITE		FAR WESTERN
ALH 87903	32.2	L-4 CHONDRITE		MAIN
ALH 87904	27.2	L-4 CHONDRITE		MAIN
DOM 85504	120.6	L-4 CHONDRITE		
EET 82611	12.6	L-4 CHONDRITE		
EET 82613	4.2	L-4 CHONDRITE		
EET 83318	54.9	L-4 CHONDRITE		
EET 83329	67.7	L-4 CHONDRITE		
EET 87557	745.3	L-4 CHONDRITE		
EET 87564	471.0	L-4 CHONDRITE		
EET 87573	272.3	L-4 CHONDRITE		
EET 87582	236.4	L-4 CHONDRITE		
GRO 85212	342.2	L-4 CHONDRITE		
LEW 85317	8.7	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 85333	47.9	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 85343	78.0	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 85350	24.2	L-4 CHONDRITE		LOWER ICE TONGUE

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
LEW 85365	7.5	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 85390	1.5	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 85443	9.9	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 86014	662.4	L-4 CHONDRITE		UPPER ICE TONGUE
LEW 86024	248.5	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 86034	6.0	L-4 CHONDRITE		UPPER ICE TONGUE
LEW 86040	48.8	L-4 CHONDRITE		UPPER ICE TONGUE
LEW 86098	52.8	L-4 CHONDRITE		UPPER ICE TONGUE
LEW 86339	21.3	L-4 CHONDRITE		LOWER ICE TONGUE
LEW 86360	181.5	L-4 CHONDRITE		METEORITE MORaine
LEW 87049	309.7	L-4 CHONDRITE		SOUTH LEWIS CLIFF
MAC 87302	1094.6	L-4 CHONDRITE	MAC 87302	
MAC 87303	254.2	L-4 CHONDRITE	MAC 87302	
MAC 87305	1244.2	L-4 CHONDRITE		
MAC 87306	1198.7	L-4 CHONDRITE		
MAC 87310	411.0	L-4 CHONDRITE		
PCA 82514	129.8	L-4 CHONDRITE		
RKPA80216	44.3	L-4 CHONDRITE	RKPA80216	
RKPA80242	7.3	L-4 CHONDRITE	RKPA80216	
TIL 82404	321.6	L-4 CHONDRITE		
TIL 82406	152.0	L-4 CHONDRITE		
TIL 82407	220.8	L-4 CHONDRITE		
TIL 82411	179.5	L-4 CHONDRITE		
TYR 82700	892.1	L-4 CHONDRITE		
ALHA77002	235.2	L-5 CHONDRITE		MAIN
ALHA77117	20.8	L-5 CHONDRITE		MAIN
ALHA77127	3.8	L-5 CHONDRITE		MAIN
ALHA77218	45.1	L-5 CHONDRITE		MAIN
ALHA77254	245.8	L-5 CHONDRITE		MAIN
ALHA77267	103.5	L-5 CHONDRITE		MAIN
ALHA78142	31.5	L-5 CHONDRITE		MAIN
ALHA81018	2236.9	L-5 CHONDRITE	ALHA81018	MIDDLE WESTERN
ALHA81023	418.3	L-5 CHONDRITE	ALHA81018	MIDDLE WESTERN
ALHA81153	4.2	L-5 CHONDRITE		MAIN
ALHA81198	.5	L-5 CHONDRITE		MAIN
ALH 82104	398.8	L-5 CHONDRITE		FAR WESTERN
ALH 82107	9.2	L-5 CHONDRITE		FAR WESTERN
ALH 82117	4.2	L-5 CHONDRITE		FAR WESTERN
ALH 82137	10.8	L-5 CHONDRITE		FAR WESTERN
ALH 83002	367.1	L-5 CHONDRITE		NEAR WESTERN
ALH 83011	213.3	L-5 CHONDRITE		MAIN
ALH 83045	1.6	L-5 CHONDRITE		MIDDLE WESTERN
ALH 83048	2.3	L-5 CHONDRITE		MAIN
ALH 83069	78.2	L-5 CHONDRITE		MAIN
ALH 84005	12000.0	L-5 CHONDRITE		FAR WESTERN
ALH 84063	759.6	L-5 CHONDRITE		FAR WESTERN
ALH 84177	7.3	L-5 CHONDRITE		NEAR WESTERN
ALH 84209	5.5	L-5 CHONDRITE		MAIN
ALH 84258	2.6	L-5 CHONDRITE		FAR WESTERN
ALH 85092	25.6	L-5 CHONDRITE		FAR WESTERN
ALH 85118	48.0	L-5 CHONDRITE		MAIN
ALH 85123	15.3	L-5 CHONDRITE		MAIN
ALH 85150	13.0	L-5 CHONDRITE		FAR WESTERN
ALH 86610	.8	L-5 CHONDRITE		MAIN
EETA79009	140.3	L-5 CHONDRITE		
EET 83240	247.8	L-5 CHONDRITE		
EET 83242	282.1	L-5 CHONDRITE		
EET 83269	8.5	L-5 CHONDRITE		

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 83277	52.7	L-5 CHONDRITE		
EET 83291	4.7	L-5 CHONDRITE		
EET 83308	136.9	L-5 CHONDRITE		
EET 83340	15.2	L-5 CHONDRITE		
EET 83386	37.8	L-5 CHONDRITE		
EET 83398	67.2	L-5 CHONDRITE		
EET 87534	1155.3	L-5 CHONDRITE		
EET 87558	306.4	L-5 CHONDRITE		
EET 87570	307.7	L-5 CHONDRITE		
EET 87585	52.7	L-5 CHONDRITE		
EET 87595	19.4	L-5 CHONDRITE		
EET 87604	63.6	L-5 CHONDRITE		
EET 87606	7.5	L-5 CHONDRITE		
EET 87675	1.6	L-5 CHONDRITE		
EET 87685	44.3	L-5 CHONDRITE		
EET 87709	110.0	L-5 CHONDRITE		
EET 87774	65.6	L-5 CHONDRITE		
EET 87801	6.8	L-5 CHONDRITE		
GRO 85214	259.8	L-5 CHONDRITE	GRO 85214	
GRO 85215	35.2	L-5 CHONDRITE	GRO 85214	
GRO 85216	12.5	L-5 CHONDRITE	GRO 85214	
GRO 85217	33.6	L-5 CHONDRITE	GRO 85214	
LEW 85340	102.7	L-5 CHONDRITE		LOWER ICE TONGUE
LEW 86352	26.9	L-5 CHONDRITE		LOWER ICE TONGUE
LEW 86357	3.4	L-5 CHONDRITE		LOWER ICE TONGUE
LEW 86392	6.0	L-5 CHONDRITE		UPPER ICE TONGUE
LEW 87070	2.6	L-5 CHONDRITE		UPPER ICE TONGUE
MAC 88109	4112.1	L-5 CHONDRITE		
MAC 88118	1142.3	L-5 CHONDRITE		
META78015	36.8	L-5 CHONDRITE		
PCA 82504	3093.6	L-5 CHONDRITE	PCA 82504	
PCA 82505	3085.5	L-5 CHONDRITE	PCA 82504	
PCA 82510	254.2	L-5 CHONDRITE		
PCA 82513	239.1	L-5 CHONDRITE		
PCA 82519	125.0	L-5 CHONDRITE		
RKPA79013	11.0	L-5 CHONDRITE		
RKPA80209	9.7	L-5 CHONDRITE	RKPA80209	
RKPA80228	11.1	L-5 CHONDRITE	RKPA80209	
RKPA80268	3.4	L-5 CHONDRITE	RKPA80209	
TIL 82400	220.8	L-5 CHONDRITE		
LEW 85397	57.3	L-6 CHON. BRECCIA		LOWER ICE TONGUE
LEW 85420	12.4	L-6 CHON. BRECCIA		LOWER ICE TONGUE
ALHA76001	20151.0	L-6 CHONDRITE		MAIN
ALHA76003	10495.0	L-6 CHONDRITE		MAIN
ALHA76007	410.0	L-6 CHONDRITE		MAIN
ALHA76009	407000.0	L-6 CHONDRITE		MAIN
ALHA77001	252.0	L-6 CHONDRITE	ALHA77001	MAIN
ALHA77008	93.0	L-6 CHONDRITE		MAIN
ALHA77019	59.8	L-6 CHONDRITE		MAIN
ALHA77026	20.3	L-6 CHONDRITE		MAIN
ALHA77027	3.7	L-6 CHONDRITE		MAIN
ALHA77069	.8	L-6 CHONDRITE		MAIN
ALHA77089	7.8	L-6 CHONDRITE		MAIN
ALHA77150	58.3	L-6 CHONDRITE		MAIN
ALHA77155	305.3	L-6 CHONDRITE		MAIN
ALHA77159	17.0	L-6 CHONDRITE		MAIN
ALHA77162	29.0	L-6 CHONDRITE		MAIN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA77180	190.8	L-6 CHONDRITE		MAIN
ALHA77198	7.3	L-6 CHONDRITE		MAIN
ALHA77231	9270.0	L-6 CHONDRITE		MAIN
ALHA77251	68.8	L-6 CHONDRITE		MAIN
ALHA77261	411.7	L-6 CHONDRITE		MAIN
ALHA77269	1045.0	L-6 CHONDRITE		MAIN
ALHA77270	588.9	L-6 CHONDRITE		MAIN
ALHA77272	674.1	L-6 CHONDRITE	ALHA77272	MAIN
ALHA77273	492.0	L-6 CHONDRITE	ALHA77272	MAIN
ALHA77277	142.7	L-6 CHONDRITE		MAIN
ALHA77280	3226.0	L-6 CHONDRITE	ALHA77272	MAIN
ALHA77281	1231.0	L-6 CHONDRITE		MAIN
ALHA77282	4127.1	L-6 CHONDRITE	ALHA77272	MAIN
ALHA77284	376.2	L-6 CHONDRITE		MAIN
ALHA77292	199.6	L-6 CHONDRITE	ALHA77001	MAIN
ALHA77293	109.7	L-6 CHONDRITE	ALHA77001	MAIN
ALHA77296	963.3	L-6 CHONDRITE	ALHA77001	MAIN
ALHA77297	951.6	L-6 CHONDRITE	ALHA77001	MAIN
ALHA77301	54.9	L-6 CHONDRITE		MAIN
ALHA77305	6444.0	L-6 CHONDRITE		MAIN
ALHA78003	124.8	L-6 CHONDRITE		MAIN
ALHA78039	299.0	L-6 CHONDRITE		MAIN
ALHA78042	214.1	L-6 CHONDRITE		MAIN
ALHA78043	680.0	L-6 CHONDRITE	ALHA78043	MAIN
ALHA78045	396.5	L-6 CHONDRITE	ALHA78043	MAIN
ALHA78048	190.6	L-6 CHONDRITE		MAIN
ALHA78050	1045.0	L-6 CHONDRITE		MAIN
ALHA78055	13.7	L-6 CHONDRITE		MAIN
ALHA78059	9.1	L-6 CHONDRITE		MAIN
ALHA78074	200.2	L-6 CHONDRITE		MAIN
ALHA78078	290.3	L-6 CHONDRITE		MAIN
ALHA78101	121.2	L-6 CHONDRITE		MAIN
ALHA78103	589.7	L-6 CHONDRITE	ALHA78103	MAIN
ALHA78104	672.4	L-6 CHONDRITE		MAIN
ALHA78105	941.7	L-6 CHONDRITE	ALHA78103	MAIN
ALHA78106	464.5	L-6 CHONDRITE		MAIN
ALHA78112	2485.0	L-6 CHONDRITE		MAIN
ALHA78114	808.1	L-6 CHONDRITE		MAIN
ALHA78125	18.8	L-6 CHONDRITE		MAIN
ALHA78126	606.9	L-6 CHONDRITE		MAIN
ALHA78127	194.5	L-6 CHONDRITE		MAIN
ALHA78130	2733.0	L-6 CHONDRITE		MAIN
ALHA78131	268.8	L-6 CHONDRITE		MAIN
ALHA78156	8.6	L-6 CHONDRITE		MAIN
ALHA78171	22.5	L-6 CHONDRITE		MAIN
ALHA78251	1312.0	L-6 CHONDRITE		MAIN
ALHA79007	142.3	L-6 CHONDRITE		MAIN
ALHA79018	120.7	L-6 CHONDRITE		MAIN
ALHA79027	133.2	L-6 CHONDRITE		MAIN
ALHA79033	280.8	L-6 CHONDRITE		MAIN
ALHA79043	62.2	L-6 CHONDRITE		MAIN
ALHA79052	22.6	L-6 CHONDRITE		MAIN
ALHA80101	8725.0	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80103	535.9	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80105	445.1	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80107	177.8	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80108	124.5	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80110	167.6	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80112	330.7	L-6 CHONDRITE	ALHA80101	MAIN

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALHA80113	312.6	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80114	232.8	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80115	306.0	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80116	191.2	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80117	89.0	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80119	33.7	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80120	60.1	L-6 CHONDRITE	ALHA80101	MAIN
ALHA80125	139.2	L-6 CHONDRITE	ALHA80101	MAIN
ALHA81016	3850.2	L-6 CHONDRITE		NEAR WESTERN
ALHA81017**	1434.4	L-6 CHONDRITE	ALHA80101	MAIN
ALHA81026	515.5	L-6 CHONDRITE		MAIN
ALHA81027	3835.3	L-6 CHONDRITE	ALHA81027	MAIN
ALHA81028	80.1	L-6 CHONDRITE	ALHA81027	MAIN
ALHA81029	153.0	L-6 CHONDRITE	ALHA81027	MAIN
ALHA81099	151.6	L-6 CHONDRITE		NEAR WESTERN
ALHA81106	48.3	L-6 CHONDRITE		NEAR WESTERN
ALHA81107	139.6	L-6 CHONDRITE	ALHA80101	MAIN
ALHA81122	20.9	L-6 CHONDRITE		MAIN
ALHA81131	12.9	L-6 CHONDRITE		MAIN
ALHA81150	1.9	L-6 CHONDRITE		MAIN
ALHA81159	10.3	L-6 CHONDRITE		MAIN
ALHA81167	58.5	L-6 CHONDRITE		MIDDLE WESTERN
ALHA81172	33.4	L-6 CHONDRITE		MAIN
ALHA81181	15.0	L-6 CHONDRITE		MAIN
ALHA81203	3.8	L-6 CHONDRITE		MAIN
ALHA81205	2.8	L-6 CHONDRITE		MAIN
ALHA81217	5.4	L-6 CHONDRITE		MAIN
ALHA81221	9.2	L-6 CHONDRITE		NEAR WESTERN
ALHA81235	6.7	L-6 CHONDRITE		MAIN
ALHA81247	104.2	L-6 CHONDRITE		NEAR WESTERN
ALHA81257	28.7	L-6 CHONDRITE		MAIN
ALHA81262	55.5	L-6 CHONDRITE	ALHA80101	MAIN
ALHA81266	12.3	L-6 CHONDRITE		MAIN
ALHA81278	1.1	L-6 CHONDRITE		MAIN
ALHA81282	31.1	L-6 CHONDRITE		MAIN
ALHA81289	4.2	L-6 CHONDRITE		MAIN
ALHA81304	42.1	L-6 CHONDRITE		MAIN
ALHA81307	56.9	L-6 CHONDRITE		MAIN
ALHA81311	.9	L-6 CHONDRITE		MAIN
ALH 82105	363.3	L-6 CHONDRITE		FAR WESTERN
ALH 82111	63.0	L-6 CHONDRITE		FAR WESTERN
ALH 82118	110.9	L-6 CHONDRITE		FAR WESTERN
ALH 82121	2.4	L-6 CHONDRITE		FAR WESTERN
ALH 82123	110.8	L-6 CHONDRITE		FAR WESTERN
ALH 82125	178.4	L-6 CHONDRITE		FAR WESTERN
ALH 82139	.2	L-6 CHONDRITE		FAR WESTERN
ALH 82140	.3	L-6 CHONDRITE		FAR WESTERN
ALH 82142	20.0	L-6 CHONDRITE		FAR WESTERN
ALH 83004	813.9	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83021	42.4	L-6 CHONDRITE		MAIN
ALH 83027	2.7	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83033	20.7	L-6 CHONDRITE		MAIN
ALH 83041	.3	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83043	2.7	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83052	52.8	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83058	29.2	L-6 CHONDRITE		MIDDLE WESTERN
ALH 83063	16.9	L-6 CHONDRITE		MAIN
ALH 83067	95.8	L-6 CHONDRITE		MAIN
ALH 83101	639.2	L-6 CHONDRITE		FAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 83105	.7	L-6 CHONDRITE		FAR WESTERN
ALH 84002	7554.0	L-6 CHONDRITE		NEAR WESTERN
ALH 84056	2140.3	L-6 CHONDRITE		MAIN
ALH 84057	368.2	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84058	2002.5	L-6 CHONDRITE		FAR WESTERN
ALH 84061	676.4	L-6 CHONDRITE		FAR WESTERN
ALH 84062	958.2	L-6 CHONDRITE		FAR WESTERN
ALH 84065	1641.7	L-6 CHONDRITE		FAR WESTERN
ALH 84066	355.8	L-6 CHONDRITE		NEAR WESTERN
ALH 84070	3951.7	L-6 CHONDRITE		FAR WESTERN
ALH 84072	720.9	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84079	749.6	L-6 CHONDRITE		FAR WESTERN
ALH 84080	286.8	L-6 CHONDRITE		FAR WESTERN
ALH 84087	314.6	L-6 CHONDRITE		FAR WESTERN
ALH 84090	201.8	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84092	213.9	L-6 CHONDRITE		FAR WESTERN
ALH 84095	276.8	L-6 CHONDRITE		FAR WESTERN
ALH 84097	388.7	L-6 CHONDRITE		FAR WESTERN
ALH 84102	213.9	L-6 CHONDRITE		FAR WESTERN
ALH 84104	201.1	L-6 CHONDRITE		FAR WESTERN
ALH 84106	94.7	L-6 CHONDRITE		FAR WESTERN
ALH 84112	145.8	L-6 CHONDRITE		FAR WESTERN
ALH 84127	83.8	L-6 CHONDRITE		NEAR WESTERN
ALH 84129	37.6	L-6 CHONDRITE		FAR WESTERN
ALH 84130	45.1	L-6 CHONDRITE		MAIN
ALH 84132	157.8	L-6 CHONDRITE		FAR WESTERN
ALH 84134	113.4	L-6 CHONDRITE		FAR WESTERN
ALH 84140	164.0	L-6 CHONDRITE		FAR WESTERN
ALH 84141	130.3	L-6 CHONDRITE		FAR WESTERN
ALH 84142	78.5	L-6 CHONDRITE		FAR WESTERN
ALH 84143	74.3	L-6 CHONDRITE		NEAR WESTERN
ALH 84160	53.9	L-6 CHONDRITE		FAR WESTERN
ALH 84164	101.4	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84166	39.0	L-6 CHONDRITE		MAIN
ALH 84169	98.4	L-6 CHONDRITE		NEAR WESTERN
ALH 84173	1.7	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84174	32.2	L-6 CHONDRITE		MAIN
ALH 84181	32.9	L-6 CHONDRITE		NEAR WESTERN
ALH 84182	14.2	L-6 CHONDRITE		FAR WESTERN
ALH 84193	9.4	L-6 CHONDRITE		FAR WESTERN
ALH 84197	8.2	L-6 CHONDRITE		NEAR WESTERN
ALH 84203	8.8	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84207	4.5	L-6 CHONDRITE		FAR WESTERN
ALH 84210	8.8	L-6 CHONDRITE		NEAR WESTERN
ALH 84212	7.1	L-6 CHONDRITE		NEAR WESTERN
ALH 84218	33.0	L-6 CHONDRITE		FAR WESTERN
ALH 84219	9.8	L-6 CHONDRITE		FAR WESTERN
ALH 84229	6.9	L-6 CHONDRITE		NEAR WESTERN
ALH 84231	42.6	L-6 CHONDRITE		FAR WESTERN
ALH 84234	3.9	L-6 CHONDRITE		FAR WESTERN
ALH 84238	1.9	L-6 CHONDRITE		MIDDLE WESTERN
ALH 84244	33.5	L-6 CHONDRITE		FAR WESTERN
ALH 84247	49.6	L-6 CHONDRITE		FAR WESTERN
ALH 84256	3.0	L-6 CHONDRITE		NEAR WESTERN
ALH 84261	5.1	L-6 CHONDRITE		FAR WESTERN
ALH 84264	137.6	L-6 CHONDRITE		FAR WESTERN
ALH 85014	75.0	L-6 CHONDRITE		FAR WESTERN
ALH 85016	1412.0	L-6 CHONDRITE		FAR WESTERN
ALH 85017	2361.4	L-6 CHONDRITE		FAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 85022	951.5	L-6 CHONDRITE		FAR WESTERN
ALH 85026	817.1	L-6 CHONDRITE		FAR WESTERN
ALH 85027	370.4	L-6 CHONDRITE		FAR WESTERN
ALH 85029	388.8	L-6 CHONDRITE		FAR WESTERN
ALH 85034	343.9	L-6 CHONDRITE		FAR WESTERN
ALH 85039	140.2	L-6 CHONDRITE		FAR WESTERN
ALH 85040	95.7	L-6 CHONDRITE		FAR WESTERN
ALH 85046	148.9	L-6 CHONDRITE		FAR WESTERN
ALH 85047	4.2	L-6 CHONDRITE		FAR WESTERN
ALH 85049	4.8	L-6 CHONDRITE		FAR WESTERN
ALH 85050	.9	L-6 CHONDRITE		FAR WESTERN
ALH 85060	.5	L-6 CHONDRITE		FAR WESTERN
ALH 85061	2.0	L-6 CHONDRITE		FAR WESTERN
ALH 85063	12.7	L-6 CHONDRITE		FAR WESTERN
ALH 85064	3.7	L-6 CHONDRITE		FAR WESTERN
ALH 85075	36.4	L-6 CHONDRITE		FAR WESTERN
ALH 85076	78.3	L-6 CHONDRITE		MAIN
ALH 85078	1.2	L-6 CHONDRITE		FAR WESTERN
ALH 85080	54.2	L-6 CHONDRITE		FAR WESTERN
ALH 85082	19.4	L-6 CHONDRITE		FAR WESTERN
ALH 85083	92.9	L-6 CHONDRITE		FAR WESTERN
ALH 85087	11.3	L-6 CHONDRITE		FAR WESTERN
ALH 85090	10.5	L-6 CHONDRITE		FAR WESTERN
ALH 85093	11.5	L-6 CHONDRITE		FAR WESTERN
ALH 85095	32.5	L-6 CHONDRITE		FAR WESTERN
ALH 85096	3.1	L-6 CHONDRITE		FAR WESTERN
ALH 85101	8.1	L-6 CHONDRITE		FAR WESTERN
ALH 85103	86.9	L-6 CHONDRITE		FAR WESTERN
ALH 85105	12.4	L-6 CHONDRITE		FAR WESTERN
ALH 85112	23.0	L-6 CHONDRITE		FAR WESTERN
ALH 85113	39.9	L-6 CHONDRITE		FAR WESTERN
ALH 85115	21.9	L-6 CHONDRITE		FAR WESTERN
ALH 85124	63.5	L-6 CHONDRITE		FAR WESTERN
ALH 85131	34.2	L-6 CHONDRITE		FAR WESTERN
ALH 85132	49.3	L-6 CHONDRITE		FAR WESTERN
ALH 85147	3.0	L-6 CHONDRITE		FAR WESTERN
ALH 85149	16.9	L-6 CHONDRITE		FAR WESTERN
ALH 85157	20.1	L-6 CHONDRITE		FAR WESTERN
ALH 86600	411.1	L-6 CHONDRITE		MAIN
ALH 86602	264.5	L-6 CHONDRITE		MAIN
ALH 86604	12.8	L-6 CHONDRITE		MAIN
ALH 86605	12.3	L-6 CHONDRITE		MAIN
ALH 86608	9.8	L-6 CHONDRITE		MAIN
ALH 86609	7.8	L-6 CHONDRITE		MAIN
ALH 87900	8000.0	L-6 CHONDRITE		MAIN
ALH 87902	77.3	L-6 CHONDRITE		MAIN
ALH 87905	28.3	L-6 CHONDRITE		MAIN
BTNA78001	160.7	L-6 CHONDRITE	BTNA78001	
BTNA78002	4301.0	L-6 CHONDRITE	BTNA78001	
DOM 85502	302.2	L-6 CHONDRITE		
DOM 85503	719.7	L-6 CHONDRITE		
DOM 85509	76.1	L-6 CHONDRITE		
DOM 85510	31.7	L-6 CHONDRITE		
EETA79003	435.6	L-6 CHONDRITE		
EETA79010	287.3	L-6 CHONDRITE		
EET 82605	624.6	L-6 CHONDRITE	EET 82605	
EET 82606	981.9	L-6 CHONDRITE	EET 82605	
EET 82607	165.3	L-6 CHONDRITE		
EET 82612	31.6	L-6 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 83202	1213.2	L-6 CHONDRITE		
EET 83205	470.8	L-6 CHONDRITE		
EET 83206	461.9	L-6 CHONDRITE		
EET 83209	520.0	L-6 CHONDRITE		
EET 83210	425.6	L-6 CHONDRITE		
EET 83214	1397.5	L-6 CHONDRITE		
EET 83216	789.9	L-6 CHONDRITE		
EET 83217	374.7	L-6 CHONDRITE		
EET 83218	191.9	L-6 CHONDRITE		
EET 83219	243.3	L-6 CHONDRITE		
EET 83220	330.9	L-6 CHONDRITE		
EET 83222	317.0	L-6 CHONDRITE		
EET 83237	882.7	L-6 CHONDRITE		
EET 83238	382.1	L-6 CHONDRITE		
EET 83239	282.3	L-6 CHONDRITE		
EET 83241	203.3	L-6 CHONDRITE		
EET 83243	288.1	L-6 CHONDRITE		
EET 83244	384.1	L-6 CHONDRITE		
EET 83252	183.7	L-6 CHONDRITE		
EET 83253	44.1	L-6 CHONDRITE		
EET 83255	38.8	L-6 CHONDRITE		
EET 83257	13.6	L-6 CHONDRITE		
EET 83258	46.7	L-6 CHONDRITE		
EET 83259	4.1	L-6 CHONDRITE		
EET 83261	54.5	L-6 CHONDRITE		
EET 83264	17.5	L-6 CHONDRITE		
EET 83265	54.9	L-6 CHONDRITE		
EET 83266	55.9	L-6 CHONDRITE		
EET 83268	19.5	L-6 CHONDRITE		
EET 83271	67.3	L-6 CHONDRITE		
EET 83272	34.5	L-6 CHONDRITE		
EET 83276	48.9	L-6 CHONDRITE		
EET 83279	35.6	L-6 CHONDRITE		
EET 83280	29.1	L-6 CHONDRITE		
EET 83284	53.3	L-6 CHONDRITE		
EET 83286	33.6	L-6 CHONDRITE		
EET 83289	7.8	L-6 CHONDRITE		
EET 83294	82.4	L-6 CHONDRITE		
EET 83296	62.9	L-6 CHONDRITE		
EET 83297	17.5	L-6 CHONDRITE		
EET 83298	8.9	L-6 CHONDRITE		
EET 83301	87.0	L-6 CHONDRITE		
EET 83302	130.4	L-6 CHONDRITE		
EET 83304	37.3	L-6 CHONDRITE		
EET 83306	41.8	L-6 CHONDRITE		
EET 83312	93.0	L-6 CHONDRITE		
EET 83314	23.7	L-6 CHONDRITE		
EET 83315	113.5	L-6 CHONDRITE		
EET 83316	51.1	L-6 CHONDRITE		
EET 83317	119.0	L-6 CHONDRITE	EET 83317	
EET 83319	7.2	L-6 CHONDRITE		
EET 83323	140.5	L-6 CHONDRITE	EET 83317	
EET 83325	93.4	L-6 CHONDRITE		
EET 83328	88.1	L-6 CHONDRITE		
EET 83330	49.2	L-6 CHONDRITE		
EET 83335	226.9	L-6 CHONDRITE		
EET 83336	130.0	L-6 CHONDRITE		
EET 83339	72.7	L-6 CHONDRITE		
EET 83342	148.6	L-6 CHONDRITE	EET 83317	

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 83343	125.1	L-6 CHONDRITE	EET 83317	
EET 83344	87.1	L-6 CHONDRITE		
EET 83345	11.8	L-6 CHONDRITE		
EET 83348	299.2	L-6 CHONDRITE		
EET 83350	88.7	L-6 CHONDRITE		
EET 83353	53.8	L-6 CHONDRITE		
EET 83354	8.4	L-6 CHONDRITE		
EET 83356	18.2	L-6 CHONDRITE		
EET 83358	25.7	L-6 CHONDRITE		
EET 83363	184.7	L-6 CHONDRITE		
EET 83364	204.9	L-6 CHONDRITE		
EET 83365	157.6	L-6 CHONDRITE		
EET 83366	188.5	L-6 CHONDRITE		
EET 83368	50.9	L-6 CHONDRITE		
EET 83370	24.1	L-6 CHONDRITE		
EET 83371	169.9	L-6 CHONDRITE		
EET 83375	266.6	L-6 CHONDRITE		
EET 83378	212.3	L-6 CHONDRITE		
EET 83379	177.4	L-6 CHONDRITE		
EET 83383	116.8	L-6 CHONDRITE		
EET 83384	21.7	L-6 CHONDRITE		
EET 83387	80.9	L-6 CHONDRITE		
EET 83392	163.8	L-6 CHONDRITE		
EET 83396	198.3	L-6 CHONDRITE		
EET 84301	75.1	L-6 CHONDRITE		
EET 84304	152.2	L-6 CHONDRITE		
EET 84307	5.1	L-6 CHONDRITE		
EET 84308	9.3	L-6 CHONDRITE		
EET 86800	116.0	L-6 CHONDRITE		
EET 86801	82.9	L-6 CHONDRITE		
EET 87502	1810.1	L-6 CHONDRITE		
EET 87515	588.1	L-6 CHONDRITE		
EET 87533	7364.8	L-6 CHONDRITE		
EET 87535	1230.8	L-6 CHONDRITE		
EET 87536	7526.4	L-6 CHONDRITE		
EET 87538	11894.0	L-6 CHONDRITE		
EET 87540	1172.4	L-6 CHONDRITE		
EET 87541	1161.4	L-6 CHONDRITE		
EET 87549	538.6	L-6 CHONDRITE		
EET 87554	1293.5	L-6 CHONDRITE		
EET 87555	474.1	L-6 CHONDRITE		
EET 87556	362.6	L-6 CHONDRITE		
EET 87559	584.2	L-6 CHONDRITE		
EET 87560	389.9	L-6 CHONDRITE		
EET 87561	304.6	L-6 CHONDRITE		
EET 87566	388.1	L-6 CHONDRITE		
EET 87567	298.5	L-6 CHONDRITE		
EET 87568	305.7	L-6 CHONDRITE		
EET 87569	211.3	L-6 CHONDRITE		
EET 87572	355.0	L-6 CHONDRITE		
EET 87574	238.5	L-6 CHONDRITE		
EET 87578	350.0	L-6 CHONDRITE		
EET 87580	286.5	L-6 CHONDRITE		
EET 87583	201.3	L-6 CHONDRITE		
EET 87584	263.1	L-6 CHONDRITE		
EET 87586	215.5	L-6 CHONDRITE		
EET 87587	102.6	L-6 CHONDRITE		
EET 87588	28.5	L-6 CHONDRITE		
EET 87589	98.4	L-6 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
EET 87590	69.0	L-6 CHONDRITE		
EET 87593	40.2	L-6 CHONDRITE		
EET 87594	79.1	L-6 CHONDRITE		
EET 87596	90.0	L-6 CHONDRITE		
EET 87597	9.0	L-6 CHONDRITE		
EET 87598	22.3	L-6 CHONDRITE		
EET 87599	15.9	L-6 CHONDRITE		
EET 87600	11.7	L-6 CHONDRITE		
EET 87601	50.1	L-6 CHONDRITE		
EET 87603	169.8	L-6 CHONDRITE		
EET 87605	45.1	L-6 CHONDRITE		
EET 87607	109.0	L-6 CHONDRITE		
EET 87610	23.4	L-6 CHONDRITE		
EET 87611	21.2	L-6 CHONDRITE		
EET 87612	23.6	L-6 CHONDRITE		
EET 87613	77.0	L-6 CHONDRITE		
EET 87614	16.4	L-6 CHONDRITE		
EET 87615	144.5	L-6 CHONDRITE		
EET 87616	91.3	L-6 CHONDRITE		
EET 87617	4.1	L-6 CHONDRITE		
EET 87619	9.1	L-6 CHONDRITE		
EET 87620	2.1	L-6 CHONDRITE		
EET 87621	13.5	L-6 CHONDRITE		
EET 87622	106.8	L-6 CHONDRITE		
EET 87623	81.3	L-6 CHONDRITE		
EET 87624	17.2	L-6 CHONDRITE		
EET 87625	22.5	L-6 CHONDRITE		
EET 87626	71.9	L-6 CHONDRITE		
EET 87627	93.2	L-6 CHONDRITE		
EET 87628	11.7	L-6 CHONDRITE		
EET 87629	.5	L-6 CHONDRITE		
EET 87630	16.8	L-6 CHONDRITE		
EET 87631	42.8	L-6 CHONDRITE		
EET 87632	8.2	L-6 CHONDRITE		
EET 87633	27.9	L-6 CHONDRITE		
EET 87634	14.1	L-6 CHONDRITE		
EET 87635	162.3	L-6 CHONDRITE		
EET 87637	17.2	L-6 CHONDRITE		
EET 87638	7.7	L-6 CHONDRITE		
EET 87639	53.4	L-6 CHONDRITE		
EET 87640	13.8	L-6 CHONDRITE		
EET 87641	18.5	L-6 CHONDRITE		
EET 87642	25.8	L-6 CHONDRITE		
EET 87644	127.3	L-6 CHONDRITE		
EET 87645	3.8	L-6 CHONDRITE		
EET 87646	57.2	L-6 CHONDRITE		
EET 87647	51.1	L-6 CHONDRITE		
EET 87648	7.0	L-6 CHONDRITE		
EET 87649	27.0	L-6 CHONDRITE		
EET 87650	23.2	L-6 CHONDRITE		
EET 87651	45.7	L-6 CHONDRITE		
EET 87652	72.1	L-6 CHONDRITE		
EET 87653	24.5	L-6 CHONDRITE		
EET 87655	93.0	L-6 CHONDRITE		
EET 87656	35.3	L-6 CHONDRITE		
EET 87657	64.8	L-6 CHONDRITE		
EET 87659	4.3	L-6 CHONDRITE		
EET 87660	144.9	L-6 CHONDRITE		
EET 87661	118.6	L-6 CHONDRITE		

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
EET 87667	9.0	L-6 CHONDRITE		
EET 87668	70.3	L-6 CHONDRITE		
EET 87669	25.9	L-6 CHONDRITE		
EET 87670	17.8	L-6 CHONDRITE		
EET 87671	78.0	L-6 CHONDRITE		
EET 87673	3.8	L-6 CHONDRITE		
EET 87676	67.5	L-6 CHONDRITE		
EET 87678	55.8	L-6 CHONDRITE		
EET 87679	5.8	L-6 CHONDRITE		
EET 87680	48.1	L-6 CHONDRITE		
EET 87682	3.0	L-6 CHONDRITE		
EET 87684	27.9	L-6 CHONDRITE		
EET 87686	23.4	L-6 CHONDRITE		
EET 87688	59.1	L-6 CHONDRITE		
EET 87690	54.0	L-6 CHONDRITE		
EET 87691	39.2	L-6 CHONDRITE		
EET 87694	23.4	L-6 CHONDRITE		
EET 87696	10.7	L-6 CHONDRITE		
EET 87697	79.0	L-6 CHONDRITE		
EET 87698	9.0	L-6 CHONDRITE		
EET 87700	43.6	L-6 CHONDRITE		
EET 87701	65.3	L-6 CHONDRITE		
EET 87702	43.7	L-6 CHONDRITE		
EET 87703	8.1	L-6 CHONDRITE		
EET 87704	26.8	L-6 CHONDRITE		
EET 87705	2.3	L-6 CHONDRITE		
EET 87706	16.8	L-6 CHONDRITE		
EET 87707	69.2	L-6 CHONDRITE		
EET 87708	32.2	L-6 CHONDRITE		
EET 87710	14.4	L-6 CHONDRITE		
EET 87714	4.8	L-6 CHONDRITE		
EET 87715	21.4	L-6 CHONDRITE		
EET 87716	56.0	L-6 CHONDRITE		
EET 87721	13.9	L-6 CHONDRITE		
EET 87722	21.8	L-6 CHONDRITE		
EET 87723	27.9	L-6 CHONDRITE		
EET 87724	115.0	L-6 CHONDRITE		
EET 87725	12.5	L-6 CHONDRITE		
EET 87727	28.5	L-6 CHONDRITE		
EET 87728	3.4	L-6 CHONDRITE		
EET 87729	1.4	L-6 CHONDRITE		
EET 87730	70.4	L-6 CHONDRITE		
EET 87732	4.2	L-6 CHONDRITE		
EET 87733	26.9	L-6 CHONDRITE		
EET 87736	3.3	L-6 CHONDRITE		
EET 87737	24.9	L-6 CHONDRITE		
EET 87738	3.0	L-6 CHONDRITE		
EET 87741	39.0	L-6 CHONDRITE		
EET 87742	19.6	L-6 CHONDRITE		
EET 87744	129.8	L-6 CHONDRITE		
EET 87748	3.9	L-6 CHONDRITE		
EET 87750	23.1	L-6 CHONDRITE		
EET 87752	9.2	L-6 CHONDRITE		
EET 87753	7.8	L-6 CHONDRITE		
EET 87756	170.5	L-6 CHONDRITE		
EET 87758	38.1	L-6 CHONDRITE		
EET 87759	110.8	L-6 CHONDRITE		
EET 87760	19.4	L-6 CHONDRITE		
EET 87761	12.5	L-6 CHONDRITE		

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 87762	27.4	L-6 CHONDRITE		
EET 87763	26.5	L-6 CHONDRITE		
EET 87764	38.7	L-6 CHONDRITE		
EET 87765	41.4	L-6 CHONDRITE		
EET 87766	18.9	L-6 CHONDRITE		
EET 87768	58.6	L-6 CHONDRITE		
EET 87769	13.9	L-6 CHONDRITE		
EET 87773	18.4	L-6 CHONDRITE		
EET 87775	16.8	L-6 CHONDRITE		
EET 87776	29.9	L-6 CHONDRITE		
EET 87777	8.4	L-6 CHONDRITE		
EET 87779	21.6	L-6 CHONDRITE		
EET 87780	18.4	L-6 CHONDRITE		
EET 87782	7.1	L-6 CHONDRITE		
EET 87783	5.3	L-6 CHONDRITE		
EET 87784	15.1	L-6 CHONDRITE		
EET 87788	83.8	L-6 CHONDRITE		
EET 87789	45.9	L-6 CHONDRITE		
EET 87791	5.5	L-6 CHONDRITE		
EET 87794	77.0	L-6 CHONDRITE		
EET 87795	5.8	L-6 CHONDRITE		
EET 87796	12.5	L-6 CHONDRITE		
EET 87797	2.2	L-6 CHONDRITE		
EET 87799	12.4	L-6 CHONDRITE		
EET 87800	20.3	L-6 CHONDRITE		
EET 87802	1.3	L-6 CHONDRITE		
EET 87803	9.0	L-6 CHONDRITE		
EET 87804	40.2	L-6 CHONDRITE		
EET 87807	120.1	L-6 CHONDRITE		
EET 87809	33.4	L-6 CHONDRITE		
EET 87810	12.9	L-6 CHONDRITE		
EET 87811	18.1	L-6 CHONDRITE		
EET 87813	.9	L-6 CHONDRITE		
EET 87814	13.5	L-6 CHONDRITE		
EET 87817	61.8	L-6 CHONDRITE		
EET 87818	90.6	L-6 CHONDRITE		
EET 87819	25.9	L-6 CHONDRITE		
EET 87825	30.9	L-6 CHONDRITE		
EET 87826	24.5	L-6 CHONDRITE		
EET 87827	67.8	L-6 CHONDRITE		
EET 87828	14.8	L-6 CHONDRITE		
EET 87829	116.2	L-6 CHONDRITE		
EET 87830	70.8	L-6 CHONDRITE		
EET 87831	16.7	L-6 CHONDRITE		
EET 87833	5.7	L-6 CHONDRITE		
EET 87835	1.7	L-6 CHONDRITE		
EET 87836	13.2	L-6 CHONDRITE		
EET 87839	12.1	L-6 CHONDRITE		
EET 87841	18.6	L-6 CHONDRITE		
EET 87842	29.8	L-6 CHONDRITE		
EET 87843	78.6	L-6 CHONDRITE		
EET 87844	35.9	L-6 CHONDRITE		
EET 87845	15.1	L-6 CHONDRITE		
EET 87848	1.5	L-6 CHONDRITE		
EET 87849	12.7	L-6 CHONDRITE		
EET 87852	3.8	L-6 CHONDRITE		
EET 87853	6.2	L-6 CHONDRITE		
EET 87854	3.8	L-6 CHONDRITE		
EET 87855	29.0	L-6 CHONDRITE		

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
EET 87856	4.3	L-6 CHONDRITE		
EET 87857	22.6	L-6 CHONDRITE		
EET 87858	31.9	L-6 CHONDRITE		
GEO 85700	2409.0	L-6 CHONDRITE		
GEO 85701	438.6	L-6 CHONDRITE		
GRO 85204	1754.7	L-6 CHONDRITE		
GRO 85205	999.9	L-6 CHONDRITE		
GRO 85207	2372.1	L-6 CHONDRITE		
GRO 85208	1356.9	L-6 CHONDRITE		
GRO 85209	1126.1	L-6 CHONDRITE		
GRO 85213	4364.4	L-6 CHONDRITE		
LEW 85321	527.0	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85323	874.4	L-6 CHONDRITE		NEAR METEORITE MORaine
LEW 85325	536.9	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85349	17.3	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85354	12.1	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85356	8.1	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85360	12.7	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85361	4.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85380	14.5	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85388	3.5	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85403	12.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85413	13.6	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85424	4.4	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85428	21.2	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 85431	29.6	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85432	2.4	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85436	9.3	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85439	2.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 85442	28.8	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85444	2.3	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85449	11.9	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85454	8.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85457	20.3	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 85461	21.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85463	12.3	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85465	57.5	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85471	239.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 85472	66.6	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86011	3397.5	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86012	2157.4	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86013	1812.2	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86016	525.0	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86019	432.4	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86023	322.0	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 86025	190.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86038	18.8	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86042	5.4	L-6 CHONDRITE		METEORITE MORaine
LEW 86043	13.5	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86048	6.3	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86054	2.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86056	6.8	L-6 CHONDRITE		METEORITE MORaine
LEW 86064	24.3	L-6 CHONDRITE		METEORITE MORaine
LEW 86073	37.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86075	4.5	L-6 CHONDRITE		METEORITE MORaine
LEW 86084	53.1	L-6 CHONDRITE		METEORITE MORaine
LEW 86085	196.9	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86090	23.2	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86097	2.5	L-6 CHONDRITE		UPPER ICE TONGUE

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 86110	33.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86113	6.8	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86115	33.5	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86132	12.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86133	8.3	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86135	10.0	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86140	9.4	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 86141	4.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86166	20.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86169	25.8	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86173	1.8	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86175	2.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86179	5.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86186	47.5	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86193	7.6	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86195	41.5	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86203	61.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86231	18.2	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86238	28.9	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86268	22.0	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86269	22.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86274	36.0	L-6 CHONDRITE		METEORITE MORAINE
LEW 86282	62.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86288	10.8	L-6 CHONDRITE		METEORITE MORAINE
LEW 86289	17.6	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86309	13.8	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86311	67.1	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86317	62.4	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86330	20.7	L-6 CHONDRITE		METEORITE MORAINE
LEW 86359	2.7	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86372	11.8	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86399	6.9	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86404	8.2	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86409	23.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86421	2.5	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86425	2.4	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86426	3.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86429	6.6	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86447	9.5	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86478	1.9	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 86490	2209.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86528	49.7	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 86541	12.6	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87035	413.3	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87036	224.5	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87038	428.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87040	418.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87042	212.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87045	245.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87046	440.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87058	7.3	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87061	14.0	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87062	24.0	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87066	7.2	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87069	10.3	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87072	11.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87083	82.9	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87090	12.5	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87107	20.4	L-6 CHONDRITE		UPPER ICE TONGUE

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
LEW 87113	97.8	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87114	3.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87118	27.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87120	6.3	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87122	2.1	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87126	15.8	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87135	11.0	L-6 CHONDRITE		UPPER ICE TONGUE
LEW 87143	112.9	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87145	9.7	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87149	2.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87152	.6	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87153	34.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87158	28.9	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87166	122.7	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87169	169.8	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87170	.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87173	45.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87174	101.5	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87175	127.4	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87179	4.9	L-6 CHONDRITE		LOWER ICE TONGUE
LEW 87182	60.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87187	6.3	L-6 CHONDRITE		METEORITE MORaine
LEW 87192	24.0	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87193	24.6	L-6 CHONDRITE		METEORITE MORaine
LEW 87196	83.3	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87199	113.7	L-6 CHONDRITE		METEORITE MORaine
LEW 87218	.8	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87224	149.3	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87226	1.1	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87239	3.6	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87244	35.6	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87247	67.6	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87252	.6	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87264	3.4	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87289	30.4	L-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 88015	528.2	L-6 CHONDRITE		SOUTH LEWIS CLIFF
MAC 87304	1433.0	L-6 CHONDRITE		
MAC 87308	770.8	L-6 CHONDRITE		
MAC 87309	684.7	L-6 CHONDRITE		
MAC 87314	319.3	L-6 CHONDRITE		
MAC 87316	13.3	L-6 CHONDRITE		
META78002	542.2	L-6 CHONDRITE		
META78003	1726.0	L-6 CHONDRITE		
META78004	30.3	L-6 CHONDRITE		
META78005	172.0	L-6 CHONDRITE		
META78021	22.6	L-6 CHONDRITE		
META78028	20657.0	L-6 CHONDRITE		
PCA 82503	8308.0	L-6 CHONDRITE		
PCA 82508	389.3	L-6 CHONDRITE		
PCA 82509	285.6	L-6 CHONDRITE		
PCA 82525	40.2	L-6 CHONDRITE		
PCA 82528	51.4	L-6 CHONDRITE		
QUE 87400	118.7	L-6 CHONDRITE		
QUE 87401	4866.2	L-6 CHONDRITE		
RKPA78001	234.9	L-6 CHONDRITE	RKPA78001	
RKPA78003	1276.0	L-6 CHONDRITE	RKPA78001	
RKPA79001	3006.0	L-6 CHONDRITE	RKPA78001	
RKPA79002	203.6	L-6 CHONDRITE	RKPA78001	
RKPA80202	544.5	L-6 CHONDRITE	RKPA78001	

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
RKPA80215	9.0	L-6 CHONDRITE		
RKPA80219	21.5	L-6 CHONDRITE		
RKPA80225	8.3	L-6 CHONDRITE	RKPA78001	
RKPA80252	11.2	L-6 CHONDRITE	RKPA78001	
RKPA80261	61.6	L-6 CHONDRITE	RKPA78001	
RKPA80264	23.9	L-6 CHONDRITE	RKPA78001	
RKP 86702	195.2	L-6 CHONDRITE		
TIL 82401	281.6	L-6 CHONDRITE		
ALHA76004	305.0	LL-3 CHONDRITE	ALHA76004	MAIN
ALHA77278	312.9	LL-3 CHONDRITE		MAIN
ALHA78138	10.8	LL-3 CHONDRITE		MAIN
ALHA79003	5.1	LL-3 CHONDRITE	ALHA79003	MAIN
ALHA81251	158.0	LL-3 CHONDRITE	ALHA76004	MAIN
ALH 83007**	285.0	LL-3 CHONDRITE	ALHA79003	MAIN
ALH 84086	234.0	LL-3 CHONDRITE		FAR WESTERN
ALH 84126	41.2	LL-3 CHONDRITE		FAR WESTERN
LEW 87254	12.8	LL-3 CHONDRITE		UPPER WALCOTT NEVE
TIL 82408	80.1	LL-3 CHONDRITE		
ALHA81316	.7	LL-4 CHONDRITE		NEAR WESTERN
EET 87544	1499.4	LL-4 CHONDRITE		
ALHA77060	64.4	LL-5 CHONDRITE		MAIN
ALHA78109	233.2	LL-5 CHONDRITE		MAIN
ALHA81151	5.1	LL-5 CHONDRITE		MAIN
DOM 85505	31.4	LL-5 CHONDRITE	DOM 85505	
DOM 85506	58.8	LL-5 CHONDRITE	DOM 85505	
EET 83361	5.8	LL-5 CHONDRITE		
EET 87771	56.6	LL-5 CHONDRITE		
EET 87806	79.4	LL-5 CHONDRITE		
EET 87851	18.5	LL-5 CHONDRITE		
LEW 87012	1.1	LL-5 CHONDRITE		SOUTH LEWIS CLIFF
RKPA80234	136.2	LL-5 CHONDRITE		
RKPA80253	4.6	LL-5 CHONDRITE		
BTNA78004	1079.0	LL-6 CHON.(BRECCIATED)		
ALHA77041	16.6	LL-6 CHONDRITE		MAIN
ALHA78062	10.9	LL-6 CHONDRITE		MAIN
ALHA78063	76.7	LL-6 CHONDRITE		MAIN
ALHA78082	24.0	LL-6 CHONDRITE		MAIN
ALHA78153	151.7	LL-6 CHONDRITE	ALHA78153	MAIN
ALHA81123	2.0	LL-6 CHONDRITE	ALHA78153	NEAR WESTERN
ALHA81185	64.9	LL-6 CHONDRITE		NEAR WESTERN
ALHA81285	20.0	LL-6 CHONDRITE		MAIN
ALH 83022	5.4	LL-6 CHONDRITE		MIDDLE WESTERN
ALH 83032	2.9	LL-6 CHONDRITE		MIDDLE WESTERN
ALH 83054	16.8	LL-6 CHONDRITE		MIDDLE WESTERN
ALH 83070	215.7	LL-6 CHONDRITE	ALHA78153	MIDDLE WESTERN
ALH 84052	10.5	LL-6 CHONDRITE		FAR WESTERN
ALH 84081	612.3	LL-6 CHONDRITE		FAR WESTERN
ALH 84107	134.1	LL-6 CHONDRITE		FAR WESTERN
ALH 84116	56.2	LL-6 CHONDRITE		MIDDLE WESTERN
ALH 84119	33.8	LL-6 CHONDRITE		FAR WESTERN
ALH 84122	81.4	LL-6 CHONDRITE		MAIN
ALH 84123	96.6	LL-6 CHONDRITE		NEAR WESTERN
ALH 84125	76.4	LL-6 CHONDRITE		NEAR WESTERN
ALH 84154	87.6	LL-6 CHONDRITE		FAR WESTERN

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD+
ALH 84168	14.2	LL-6 CHONDRITE		NEAR WESTERN
ALH 84198	5.4	LL-6 CHONDRITE		MIDDLE WESTERN
ALH 84255	11.3	LL-6 CHONDRITE		FAR WESTERN
ALH 85019	632.8	LL-6 CHONDRITE		FAR WESTERN
ALH 85035	420.1	LL-6 CHONDRITE		MAIN
ALH 85057	.8	LL-6 CHONDRITE		FAR WESTERN
ALH 85059	8.8	LL-6 CHONDRITE		FAR WESTERN
ALH 85066	8.0	LL-6 CHONDRITE		FAR WESTERN
ALH 85073	15.6	LL-6 CHONDRITE		FAR WESTERN
ALH 85079	83.1	LL-6 CHONDRITE		FAR WESTERN
ALH 85084	18.4	LL-6 CHONDRITE		FAR WESTERN
ALH 85129	127.4	LL-6 CHONDRITE		FAR WESTERN
ALH 85135	11.6	LL-6 CHONDRITE		FAR WESTERN
ALH 85137	6.7	LL-6 CHONDRITE		FAR WESTERN
ALH 85138	18.0	LL-6 CHONDRITE		FAR WESTERN
ALH 85152	36.4	LL-6 CHONDRITE		FAR WESTERN
ALH 85154	4.9	LL-6 CHONDRITE		FAR WESTERN
ALH 85158	2.9	LL-6 CHONDRITE		FAR WESTERN
ALH 87906	51.6	LL-6 CHONDRITE		MIDDLE WESTERN
EET 82608	94.5	LL-6 CHONDRITE		
EET 83204	376.6	LL-6 CHONDRITE		
EET 83273	146.6	LL-6 CHONDRITE		
EET 83290	1.4	LL-6 CHONDRITE		
EET 83341	65.0	LL-6 CHONDRITE		
EET 83352	20.4	LL-6 CHONDRITE		
EET 83357	35.4	LL-6 CHONDRITE		
EET 83359	66.2	LL-6 CHONDRITE		
EET 83380	118.5	LL-6 CHONDRITE		
EET 83391	90.7	LL-6 CHONDRITE		
EET 83401	111.7	LL-6 CHONDRITE		
EET 84305	9.8	LL-6 CHONDRITE		
EET 87665	3.4	LL-6 CHONDRITE		
EET 87749	4.0	LL-6 CHONDRITE		
LEW 85386	14.2	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 85415	3.4	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 85429	6.8	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 85438	3.2	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 85467	4.5	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 86057	54.7	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86069	.6	LL-6 CHONDRITE		METEORITE MORAIN
LEW 86070	19.2	LL-6 CHONDRITE		METEORITE MORAIN
LEW 86082	8.3	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86101	28.5	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86117	13.5	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86161	29.0	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86162	2.2	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 86378	3.6	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86419	2.3	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86432	7.3	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 86483	10.0	LL-6 CHONDRITE		LOWER ICE TONGUE
LEW 87014	8.8	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 87071	5.3	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 87123	43.9	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 87140	7.7	LL-6 CHONDRITE		UPPER ICE TONGUE
LEW 87146	2.0	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87151	21.5	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87159	.3	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87181	38.3	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
LEW 87235	1.1	LL-6 CHONDRITE		SOUTH LEWIS CLIFF

**Classification Change

Table 2. (continued)

SAMPLE NUMBER	WEIGHT (g)	CLASSIFICATION	SUGGESTED@ PAIRING	ICEFIELD*
LEW 87279	80.0	LL-6 CHONDRITE		SOUTH LEWIS CLIFF
MAC 87317	120.5	LL-6 CHONDRITE		
MAC 87318	196.9	LL-6 CHONDRITE		
PCA 82507	479.8	LL-6 CHONDRITE		
RKPA80222	7.0	LL-6 CHONDRITE	RKPA80222	
RKPA80235	261.2	LL-6 CHONDRITE		
RKPA80238	18.4	LL-6 CHONDRITE	RKPA80222	
RKPA80248	11.3	LL-6 CHONDRITE	RKPA80222	
RKP 86704	137.9	LL-6 CHONDRITE		
TIL 82402	476.0	LL-6 CHONDRITE		
ALH 84027	8.0	LL-7(?) CHONDRITE		FAR WESTERN

**Classification Change

FORGOTTEN ORDINARY CHONDRITES WITH UNUSUAL FEATURES

As the Antarctic Meteorite Collection grows, newly collected, exciting samples are eagerly studied while some of the more ordinary meteorites are forgotten. The following list should act as a reminder of the more "unusual" ordinary chondrites. Meteorites in this list are breccias, show light-dark structure, and/or contain inclusions or enclaves.

ALHA78085 (H5) : This stone shows light-dark structure. The light portion of the chondrite exists as numerous large (up to 3 cm) angular white clasts that are surrounded by dark gray matrix with abundant small (<1mm to 2 mm) inclusions. Oxidation is moderate to heavy and evaporite deposits are present.

ALHA78108 (H5) : This sample is brecciated and has two veins of black material (~1mm wide) with higher relief than the surrounding material. This is a heavily shocked specimen which has many slickenside surfaces.

ALHA81131 (L6) : A rimmed 4 x 2 mm dark gray, oblong inclusion is obvious in the lightly weathered matrix. The rim is 0.2 mm thick. Heavier oxidation is associated with the inclusion than the remainder of the stone.

ALH 85042 (H5) : This specimen contains a 4 mm angular inclusion. Otherwise, it is an ordinary chondrite that is moderately weathered.

ALH 85066 (LL6): This meteorite has two notable clasts: a 1 cm diameter, polymineralic, light colored clast and a 4 mm rounded, black, fine-grained clast.

ALH 85114 (H5) : A 7 x 7 x 5 mm fractured, but coherent, greenish- gray olivine clast is present in this otherwise heavily weathered stone.

BTNA78004 (LL6): Angular gray and cream-colored clasts comprise ~70% of this stone and range in size from <1mm to 2 cm. Interstitial material is dark gray to greenish-brown. Oxidation is heavy in some areas and spotty in others.

DOM 85505 (LL5): An enclave of whitish-gray material is surrounded by the medium-gray matrix. The thin section shows the enclave to be large pyroxene grains poikilitically enclosing numerous small olivine grains.

EET 84308 (L6) : A massive white inclusion, 0.5 x 0.3 cm, and a rounded, fine-grained, gray inclusion, 0.2 cm in diameter, are the unusual features in this otherwise typical chondrite.

EET 87555 (L6) : There is a 2 cm circular fine-grained inclusion on the exterior of this somewhat friable and weathered stone.

EET 87595 (L5) : Massive gray areas are surrounded by light-colored matrix that contains abundant small gray inclusions which range widely in size. This brecciated nature is seen in thin section.

GRO 85214 (L5) : A 2 x 2 cm inclusion lined with a thick black rim is set in a gray matrix with abundant lighter gray inclusions. Microprobe analyses show that the enclave is out of equilibrium with the chondrite.

LEW 85397 (L6) : Areas of reddish-brown and light-colored matrix are surrounded by black areas. The thin section shows this meteorite to be a complex breccia made up of aggregates of clasts, one of which is achondritic.

LEW 85420 (L6) : In the center of this stone is a 5 mm cream-colored inclusion set in a black matrix. The thin section shows that this stone is an intensely brecciated L6 chondrite with fragments of L3-5 chondrites. Fusion crust completely covers this extremely weathered specimen and evaporite minerals are present.

META78010 (H5) : This specimen shows a good example of light-dark structure. Wide dark vein-like areas which contain small inclusions (1 to 2 mm size) totally enclose lighter-colored clasts (0.5 cm to 1 cm.) Oxidation is moderate and evaporite minerals are present.

HOMOGENIZED POWDERS

HOMOGENIZED POWDERS OF ANTARCTIC METEORITES

Eugene Jarosewich, Smithsonian Institution

Requests for powders should be directed to MWG

Meteorite	Type	Original Amount	Amount Remaining	#	Meteorite	Type	Original Amount	Amount Remaining	#
ALHA76004,10	LL3	2.015	0.162	*	ALHA81006,22	Eu	4.010	1.228	
ALHA77003,20	C3O	4.700	0.987	*	ALHA81007,09	Eu	2.002	1.013	
ALHA77005,38	Sh	2.310	0.158	*	ALHA81009,27	Eu	4.059	1.308	
ALHA77005,89	Sh	5.240	3.533	*	ALHA81010,18	Eu	4.040	1.503	
	"dark"				ALHA81011	Eu	4.195	1.554	\$
ALHA77005,90	Sh	5.030	3.408	*	ALHA81027,17	L6	10.260	7.894	
	"light"				ALH 82101,16	C3O	2.530	0.372	
ALHA77011,11	L3	3.360	0.577	*	ALH 83100,74	C2	20.227	16.306	
ALHA77015,17	L3	3.110	0.280	*	ALH 83102,45	C2	20.011	16.928	
ALHA77155,12	L6	20.190	11.648	*	ALH 84007,32	Au	8.400	6.389	
ALHA77167,19	L3	3.100	0.519	*	EETA 79001	Sh	15.236	5.767	\$
ALHA77214,18	L3	10.700	4.177	*		lith A			
ALHA77216	L3	19.770	10.733	\$	EETA79001	Sh	9.437	3.440	\$
ALHA77219,27	Me	2.000	0.110	*		lith B			
ALHA77231,25	L6	20.080	11.910	*	EETA79004,76	Eu	4.090	1.501	
ALHA77249,16	L3	3.000	0.225	*	EETA79005,69	Eu	4.075	1.555	
ALHA77256,33	Di	2.210	0.362	*	EETA79011,33	Eu	2.099	1.169	
ALHA77256,96	Di	20.560	19.747	*	EET 82600,13	Ho	4.092	1.418	
ALHA77257,44	Ur	2.210	0.220	*	EET 83213,38	L3	20.640	17.991	
ALHA77260,17	L3	3.100	0.504	*	EET 83232,05	Eu	10.030	9.559	
ALHA77270,18	L6	20.060	11.988	*	EET 87526,11	C4	8.097	7.947	
ALHA77271,20	H6	20.230	11.882	*	EET 87860,5	C5	4.027	3.888	
ALHA77278,23	LL3	5.152	1.047	*	LEW 85300,51	Eu	2.660	2.025	
ALHA77284,12	L6	21.130	12.263	*	LEW 85302,25	Eu	3.090	2.814	
ALHA77294,26	H5	20.040	12.404	*	LEW 85303,78	Eu	2.910	2.642	
ALHA77296,12	L6	20.850	13.750	*	LEW 87009,4	C6	4.049	3.892	
ALHA77297,23	L6	20.200	12.878	*	MAC 88105,41	Lu	20.474	20.474	
ALHA77299,17	H3	5.122	1.340	*	PCA 82502,32	Eu	4.128	1.747	
ALHA77304,23	L4	3.520	0.785	*	PCA 82506,07	Ur	20.096	17.268	
ALHA77307,55	C3	3.513	1.302	*	PCA 82507,05	LL6	20.200	17.846	
ALHA78078,09	L6	20.090	12.741	*	RKPA80256,07	L3	3.010	1.153	
ALHA78106,23	L6	20.150	13.177	*	TIL 82402,05	LL6	20.300	18.090	
ALHA80102,68	Eu	4.350	1.841	*	TIL 82403,15	Eu	2.000	1.082	
ALHA81001,12	Eu	2.001	1.140	*					

Au = aubrite, Di = diogenite, Eu = eucrite,
Ho = Howardite, Lu = Lunar, Sh = shergottite,
Ur = ureilite; others are chondrites

\$ALHA77216 is a pool of samples ,7 ,10 ,26 and ,32.
ALHA81011 is a pool of samples ,28 ,30 and ,31.
EETA79001 lith A is a pool of samples ,23 ,24 and ,35.
EETA79001 lith B is a pool of samples ,37 and ,46.

All meteorites were prepared in a agate mortar, except for those marked with asterisk "*" which were prepared in a tungsten carbide mortar.

SAMPLE REQUEST GUIDELINES

Questions pertaining to sample requests can be directed in writing to the appropriate address or can be directed to the curator by telephone to (713) 483-5135.

Requests for samples are welcomed from research scientists of all countries, regardless of their current state of funding for meteorite studies. Graduate student requests should be initialed or countersigned by a supervising scientist to confirm access to facilities for analysis. All sample requests will be reviewed by the Meteorite Working Group (MWG), a peer-review committee which meets twice a year to guide the collection, curation, allocation, and distribution of the U.S. collection of Antarctic meteorites. Issuance of samples does not imply a commitment by any agency to fund the proposed research. Requests for financial support must be submitted separately to the appropriate funding agencies. As a matter of policy, U.S. Antarctic meteorites are the property of the National Science Foundation and all allocations are subject to recall.

Each request should accurately refer to meteorite samples by their respective identification numbers and should provide detailed scientific justification for proposed research. Specific requirements for samples, such as sizes or weights, particular locations (if applicable) within individual specimens, or special handling or shipping procedures should be explained in each request. Consortium requests should be initialed or countersigned by a member of each group in the consortium. All necessary information should be condensable into a one- or two-page letter, although informative attachments (reprints of publication that explain rationale, flow diagrams for analyses, etc.) are welcome.

Samples can be requested from any meteorite that has been made available through announcement in any issue of the Antarctic Meteorite Newsletter (beginning with 1 (1) in June, 1978). Many of the meteorites have also been described in four Smithsonian Contr. Earth Sci.: Nos. 23, 24, 26 and 28.

All sample requests should be made in writing to:

MWG: Secretary, MWG
SN2/Planetary Science Branch
NASA/Johnson Space Center
Houston, TX 77058 USA

NMNH: Roy S. Clarke, Jr.
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National Museum of Natural History
Division of Meteorites
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