CATALOG OF THE ANTARCTIC METEORITES

NATIONAL INSTITUTE OF POLAR RESEARCH
TOKYO, 1995

CATALOG OF THE ANTARCTIC METEORITES

collected from December 1969 to December 1994, with special reference to those represented in the collections of the National Institute of Polar Research

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(Standard wet chemical analysis)

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Foreword

The National Institute of Polar Research (NIPR) has published three catalogs of meteorites in 1979, 1981 and 1987, presenting descriptions and photographs of the Antarctic meteorites collected by the Japanese Antarctic Research Expeditions (JARE) and the Antarctic Search for Meteorites of the Japan-U.S. joint teams, during the period from December 1969 to January 1987.

The present catalog is the fourth one, compiled by Drs. K. YANAI and H. KOJIMA of NIPR. The purpose is to record the characteristics of over 8500 specimens of Antarctic meteorites from the NIPR collections, which were collected during December 1969 and December 1994. The catalog consists of color photos, diagrams of mineral compositions, bulk chemical data and document on all collections of meteorites. This catalog contains 36 color photos of selected meteorites which were among as the most recent collected from Asuka, the Sør Rondane Mountains, Queen Maud Land, Antarctica. This catalog comprises 183 diagrams showing the chemical compositions of olivines, pyroxenes and plagioclases in stony-irons, achondrites and some unique specimens. Over 520 chemical data of meteorites are reported, based on standard wet chemical analyses. It is also appended with the list of over 8500 specimens of Antarctic meteorites collections, giving their original weights, types, classes and mineral data for identification and classification. Non-Antarctic meteorites, tektites and related materials are also listed in the catalog.

It is hoped that this new catalog will prove useful for future studies for our understanding the origin of the early solar system and its evolution, as well as on the origin and evolution of life, in relation to the petrological, mineralogical, chemical, and isotopical, physical properties of the meteorites.

Takeo HIRASAWA, Director-General
National Institute of Polar Research

CONTENTS

INTRODUCTION

This catalog consists of 36 photographs of 14 individual specimens of Antarctic meteorites, which include the photos of 12 whole specimens and 24 thin sections, 183 diagrams of mineral compositions, 522 bulk chemical compositions and a list of all specimens of Japanese collections of the Antarctic meteorites. This catalog also contains 670 non-Antarctic meteorites and over 300 tektites including related material in NIPR collections.

All of the specimens in the catalog belong to the Japanese collections of Antarctic meteorites. The specimens in the new catalog were collected in the 1969, 1973, 1974, 1975-76, 1979-80, 1980-81, 1981-82, 1982-83, 1984-85, 1986-87, 1987-88, 1988-89, 1990, 1992 and 1994 field seasons by the Japanese Antarctic Research Expedition (JARE) in the bare ice near the Yamato Mountains, Belgica Mountains and Sør Rondane Mountains, East Antarctica, and in the 1976-77, 1977-78 and 1978-79 field seasons by the Japan-U.S. joint teams for meteorites search in the Transantarctic Mountains.

The aim of this catalog is to give the most specific and original features of meteorites collections, in particular their characteristics such as outer shape, original color, and textures. Some thin section photos in this catalog display peculiar features of their textures under the polarizing microscope, and should help the meteorite specialists plan detailed analyses of meteorite samples.

Most of the meteorite specimens in the photographs are achondrites including angrite, lunar meteorite which is a new type of lunar mare basalt, and stony-irons excepting all chondrites and those of the previous photographic catalog.

More than 15000 meteorite specimens have been found as individuals or fragments in Antarctica since 1912, although most of them were collected in the last 25 years and the total finds before 1969 were only 6 pieces. Figure 1 and Table 1 show 35 localities of both pre-1969 and recent finds of all the Antarctic meteorites, including several main sites, such as the Yamato Mountains (71°30′S, 35°41′E), Sør Rondane Mountains (72°S, 26°E), Lewis Cliff Ice Tang (84°17′S, 161°05′E), Elephant Moraine (76°15′S, 156° 30′E) and Allan Hills (76°43′S, 159°43′E). The official names for the Japanese collections of Antarctic meteorites are given in Table 2.

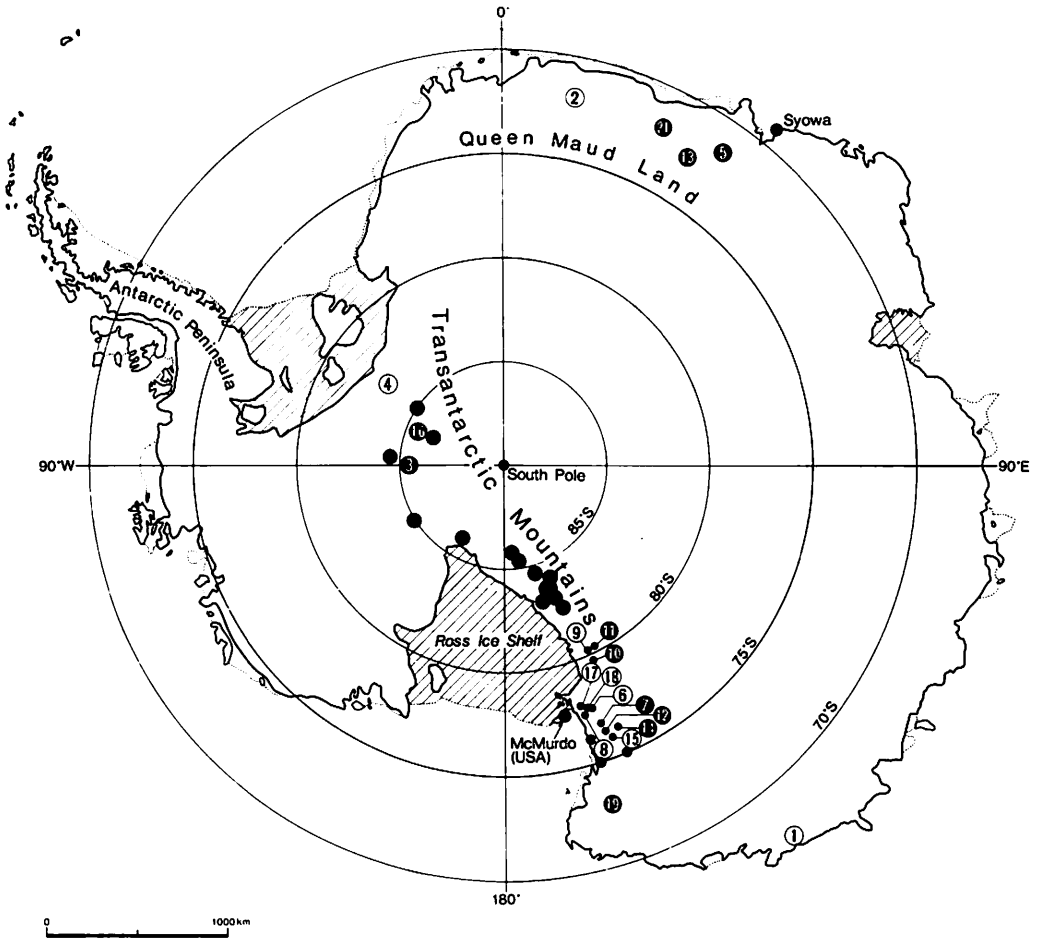

Fig. 1. Localities of the Antarctic meteorites

This catalog gives the photographs of following specimens.

Name	Original weight (g)	Type and class
Asuka-87031	15.79	Ureilite
Asuka-87034	19064	H4 chondrite
Asuka-87106	35.19	Mesosiderite
Asuka-87251	46 kg	LL5 chondrite
Asuka-87272	5706	Eucrite (breccia)
Asuka-881371	11.27	Angrite
Asuka-881377	214.90	Diogenite
Asuka-881388	16.92	Fine-grained eucrite
Asuka-881394	70.92	Coarse-grained eucrite
Asuka-881467	38.40	Medium-grained porphyritic eucrite
Asuka-881526	470.06	Diogenite

Table 1. Localities of the Antarctic meteorites.

Site No.	Locality name	(Abbreviations)	Latitude	Longitude
(before 1969)				
1	Adélie Land		67°11′S	142°23′E
2	Lazarev		71°57′S	11°30′E
3	Thiel Mountains		85°27′S	90°W (approx.)
4	Neptune Mountains		83°15′S	55°W
21	Asuka	(A)	72°S	26°E (approx.)
7	Allan Hills	(ALH)	76°43′S	159°40′E
13	Belgica Mountains	(B)	72°35′S	31°15′E
11	Bates Nunataks	(BTN)	80°15′S	153°30′E
9	Derrick Peak	(DRP)	80°04′S	156°23′E
14	Elephant Moraine	(EET)	76°15′S	156°30′E
19	Frontier Mountain	(FRO)	72°59′S	162°20′E
18	Inland Forts	(ILD)	77°38′S	161°00′E
20	Lewis Cliff	(LEW)	84°17′S	161°05′E
6	Mount Baldr	(MBR)	77°35′S	160°34′E
10	Meteorite Hills	(MET)	79°41′S	155°45′E
15	Outpost Nunatak	(OTT)	75°50′S	158°12′E
16	Pecora Escarpment	(PCA)	85°38′S	68°42′W
8	Purgatory Peak	(PGP)	77°20′S	162°18′E
12	Reckling Peak	(PKP)	76°16′S	159°15′E
3	Thiel Mountains	(TIL)	85°15′S	91°00′W
17	Taylor Glacier	(TYR)	77°44′S	162°10′E
5	Yamato Mountains	(Y)	71°30′S	35°40′E
	Beckett Nunatak	(BEC)		
	Bowden Neve	(BOW)	83°30′S	165°00′E
	David Glacier	(DAV)		
	Dominion Range	(DOM)	85°20′S	166°30′E
	Geologists Range	(GEO)	82°30′S	155°30′E
	Grosvenor Mountains	(GRO)	85°40′S	175°00′E
	Mount Howe	(HOW)	87°22′S	149°30′W
	LaPaz Ice Field	(LAP)		
	MacAlpine Hills	(MAC)	84°13′S	160°30′E
	MacKay Glacier	(MCY)		
	Miller Range	(MIL)	83°15′S	157°00′E
	Queen Alexandra Range	(QUE)	84°00′S	168°00′E
	Patuxent Range	(PAT)		
	Stewart Hills	(STE)		
	Wisconsin Range	(WIS)	84°45′S	125°00′W

Asuka-881757	442.12	Lunar meteorite (new type of lunar mare basalt)
Asuka-881931	153.62	Ureilite
Asuka-882023	1115	Mesosiderite

Materials and Analytical Methods

Small fragments chipped from the exterior/interior of all specimens were made

Table 2. Naming for the Japanese collections of the Antarctic meteorites.

Collection names	Meteorite names	Abbreviations
Yamato, Belgica and Asuka meteorites		
Yamato-69 meteorites	Yamato-691 to -699	Y-691 to Y-699
Yamato-73 meteorites	Yamato-7301 to -7312	Y-7301 to Y-7312
Yamato-74 meteorites	Yamato-74001 to -74663	Y-74001 to Y-74663
Yamato-75 meteorites	Yamato-75001 to -75308	Y-75001 to Y-75308
Yamato-79 meteorites	Yamato-790001 to -794093	Y-790001 to Y-794093
Belgica-79 meteorites	Belgica-7901 to -7905	B-7901 to B-7905
Yamato-80 meteorites	Yamato-8001 to -8014	Y-8001 to Y-8014
Yamato-81 meteorites	Yamato-81001 to -81113	Y-81001 to Y-81113
Yamato-82 meteorites	Yamato-82001 to -82211	Y-82001 to Y-82211
Yamato-83 meteorites	Yamato-8301 to -8342	Y-8301 to Y-8342
Yamato-84 meteorites	Yamato-8401 to -8459	Y-8401 to Y-8459
Yamato-86 meteorites	Yamato-86001 to -86814	Y-86001 to Y-86814
Asuka-86 meteorites	Asuka-8601 to -8603	A-8601 to A-8603
Asuka-87 meteorites	Asuka-87001 to -87352	A-87001 to A-87352
Asuka-88 meteorites	Asuka-880001 to -882124	A-880001 to A-882124
Asuka-90 meteorites	Asuka-9001 to -9048	A-9001 to A-9048
Yamato-92 meteorites	Yamato-9201 to -9203	Y-9201 to Y-9203
Yamato-94 meteorites	Yamato-9401 to -9416	Y-9401 to Y-9416
Victoria Land meteorites		
Mount Baldr meteorites	Mount Baldr-a and -b	MBR-a and MBR-b
Allan Hills-76 meteorites	Allan Hills-761 to -769	ALH-761 to ALH-769
Allan Hills-77 meteorites	Allan Hills-77001 to -77307	ALH-77001 to ALH-77307
Purgatory Peak-77 meteorite	Purgatory Peak-77006	PGP-77006
Allan Hills-78 meteorites	Allan Hills-78001 to -78262	ALH-78001 to ALH-78262
Bates Nunataks-78 meteorites	Bates Nunataks-78001 to-78005	BTN-78001 to BTN-78005
Derrick Peak-78 meteorites	Derrick Peak-78001 to -78010	DRP-78001 to DRP-78010
Meteorite Hills-78 meteorites	Meteorite Hills-78001 to -78028	MET-78001 to MET-78028
Reckling Peak-78 meteorites	Reckling Peak-78001 to -78005	RKP-78001 to RKP-78005

into polished thin sections (PTS) at NIPR. Those PTS's were studied under the microscope in both transmitted and reflected light for identification and classification. Quantitative chemical analyses of the constituent minerals, mainly olivine, pyroxene and plagioclase, were carried out by an automated JEOL JCXA733 and JXA-8800M electron microprobe analyzers (EPMA) with five spectrometers at the NIPR. The analytical procedures of the EPMA are the same as those of KUSHIRO and NAKAMURA (1970).

Over 1 gram to several grams of interior chip from the selected specimens was used for the standard wet chemical analysis. The major-element composition of most meteorites were determined by one of the authors (H.H.), and some meteorites were determined by Prof. Ken-ichiro AOKI (Tohoku University) and Mr. Eugene JAROSEWICH (Smithsonian Institution). Analytical methods are the same as those of HARAMURA *et al.* (1983).

Acknowledgments

The authors are very grateful to the all members of the expedition parties on Antarctic search for meteorites for their great contribution, and Prof. Ken-ichiro AOKI (Tohoku Univ.) and Mr. Eugene JAROSEWICH (Smithsonian Institution) for the standard wet chemical analyses. We thank to Profs. Yukio IKEDA (Ibaraki Univ.), Hiroshi TAKEDA (Univ. Tokyo) and Hirokazu FUJIMAKI (Tohoku Univ.), Drs. Makoto KIMURA (Ibaraki Univ.), Satoshi MATSUNAMI (Miyagi Univ. Education), Hiroko NAGAHARA (Univ. Tokyo), Takaaki NOGUCHI (Ibaraki Univ.) and Akira TSUCHIYAMA (Osaka Univ.) for their valuable assistance in the identification and classification of specimens. The authors would like to thank Shoichi Ono for preparing polished thin sections, and Satsuki IKADAI, Miyuki NAITO, Fujiko WAKIZAKA and Toshiko SHIROIWA for their assistance in completing this catalog.

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PHOTOGRAPHIC CATALOG OF THE ANTARCTIC METEORITES

PPL : plane-polarized light, open nicol
XPL: cross-polarized light, cros nicol

LIST OF THE ANTARCTIC METEORITES PHOTOGRAPHS

Photo No.	Meteorite name	Weight (g)	Type and remarks
Photo 1.	Asuka-87031,51-1	(15.79)	Ureilite, PPL.
2.	Asuka-87031,51-1		Ureilite, XPL.
3.	Asuka-87034	19064	L4 chondrite.
4.	Asuka-87106,51-1	(35.19)	Mesosiderite, PPL.
5.	Asuka-87106,51-1		Mesosiderite, XPL.
6.	Asuka-87251	46 kg	LL5 chondrite.
7.	Asuka-87272	5706	Eucrite
8.	Asuka-87272,51-1		Eucrite, PPL.
9.	Asuka-87272,51-1		Eucrite, XPL.
10.	Asuka-881371	11.27	Angrite.
11.	Asuka-881371		Angrite, PPL.
12.	Asuka-881371		Angrite, XPL.
13.	Asuka-881377	214.90	Diogenite.
14.	Asuka-881377,71-1		Diogenite, PPL.
15.	Asuka-881377,71-1		Diogenite, XPL.
16.	Asuka-881388	16.92	Fine-grained eucrite.
17.	Asuka-881388,51-1		Eucrite, PPL.
18.	Asuka-881388,51-1		Eucrite, XPL.
19.	Asuka-881394	70.92	Coarse-grained eucrite.
20.	Asuka-881394,51-1		Eucrite, PPL.
21.	Asuka-881394,51-1		Eucrite, XPL.
22.	Asuka-881467	38.40	Medium-grained porphyritic eucrite
23.	Asuka-881467,51-1		Eucrite
24.	Asuka-881467,51-1		Eucrite, XPL.
25.	Asuka-881526	470.06	Diogenite
26.	Asuka-881526,51-1		Diogenite, PPL.
27.	Asuka-881526,51-1		Diogenite, XPL.
28.	Asuka-881757	442.12	Lunar meteorite (new type of lunar mare basalt)
29.	Asuka-881757,91		Lunar meteorite, PPL.
30.	Asuka-881757,91		Lunar meteorite, XPL.
31.	Asuka-881931	153.26	Ureilite
32.	Asuka-881931,61-1		Ureilite, PPL.
33.	Asuka-881931,61-1		Ureilite, XPL.
34.	Asuka-882023	1115	Mesosiderite.
35.	Asuka-882023,51-1		Mesosiderite, PPL.
36.	Asuka-882023,51-1		Mesosiderite, XPL.

Photo 1. Asuka-87031 (15.79 g),51-1, ureilite, PPL. This section shows a crystalline rock consisting of coarse-grained olivine, with traces of pyroxene in a large amount of dark carbon material. Long dimension is 9.0 mm.

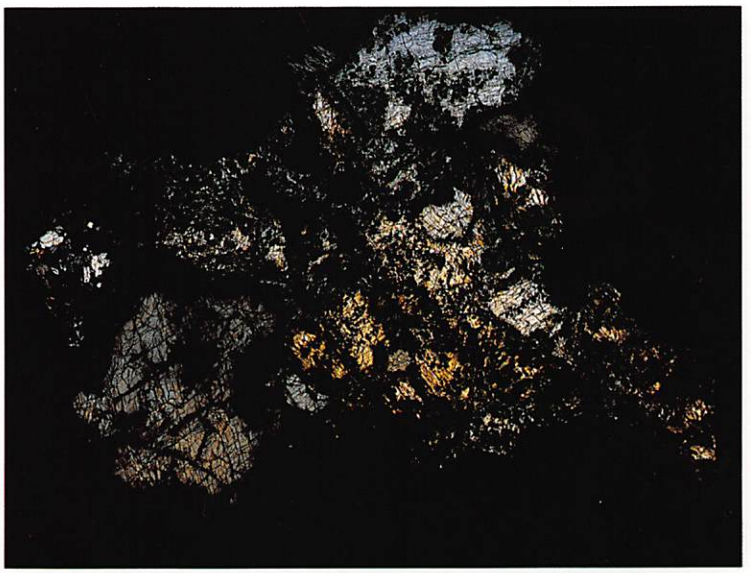


Photo 2. Asuka-87031,51-1 (ureilite), XPL.

Photo 3. Asuka-87034, 19064 g, L4 chondrite. The angular stone is covered by a dull-black fusion crust, which has been partly abraded by weathering effects. This is the largest stone from Mt. Balchen area, at the eastern end of the Sør Rondane Mountains. Scale cube is 1 cm.

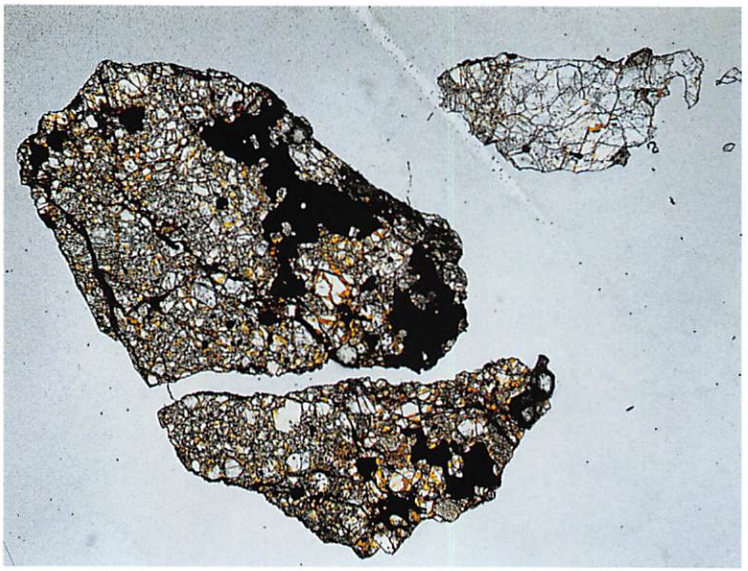


Photo 4. Asuka-87106 (35.19 g),51-1, mesosiderite, PPL. This section shows a typical brecciated texture, consisting mainly of Fe-Ni metal (dark), pyroxene and plagioclase (white), with a large clast of silicates (right upper). Long dimension is 7.0 mm.

Photo 5. Asuka-87106,51-1 (mesosiderite), XPL.

Photo 6. Asuka-87251, 46 kg, LL5 chondrite. This is an almost complete rounded stone covered by a dull-black fusion crust. The stone is the largest specimen of all the Asuka meteorite collections. Scale cube is 1 cm.

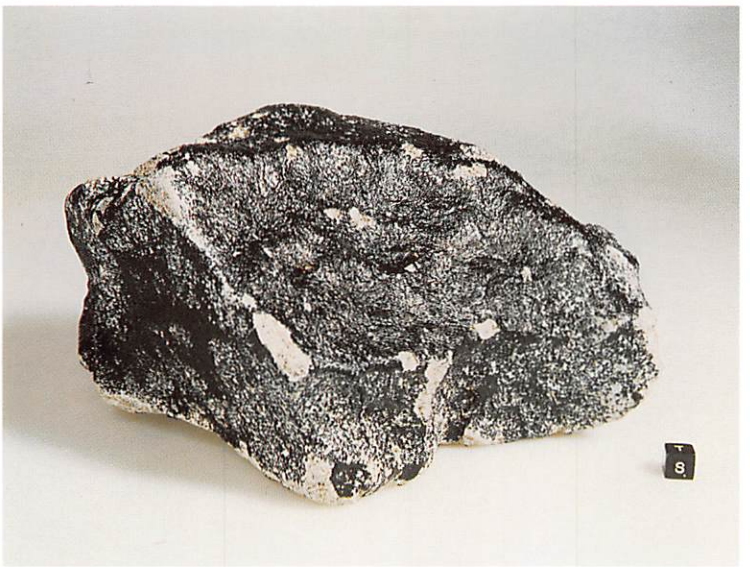


Photo 7. Asuka-87272, 5706 g, eucrite. This monomict eucrite is an angular, almost complete stone covered by shiny-black fusion crust. It has a light gray and crystalline interior of white plagioclase and pale-gray pyroxene with fine-dark spots (possibly troilite). The specimen is the largest achondrite in the Asuka meteorite collections. Scale cube is 1 cm.

Photo 8. Asuka-87272,51-1 (eucrite), PPL. This section shows a coarse-grained and moderately brecciated texture consisting of pigeonite and Ca-plagioclase. It is bounded by dark-brown fusion crust on one side. Long dimension is 12 mm.

Photo 9. Asuka-87272,51-1, XPL, showing typical brecciated texture.

Photo 10. Asuka-881371, 11.27 g, angrite. The specimen is a rounded stone, almost completely covered with a dull-black fusion crust. Relatively large, pale green porphyritic olivine crystals are seen on exposed interior surface. Scale cube is 1 cm.

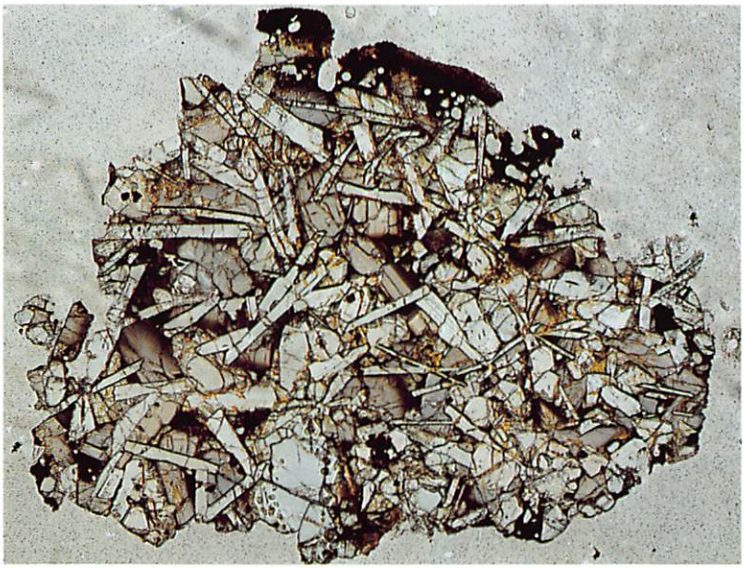


Photo 11. Asuka-881371 (angrite), PPL. The thin section shows an unbrecciated and typically ophitic (doleritic) texture with euhedral olivine and plagioclase, intergranular pyroxene (fassaite) and Ca-olivine (kirschsteinite). Pyroxenes are strongly pleochroic, ranging from nearly colorless in the core to dark brown in the rims. A glassy, dark brown fusion crust is on top. Long dimension is 3.5 mm.

Photo 12. Asuka-881371 (angrite), XPL. Plagioclase is abundant, almost completely homogeneous in composition, and is virtually pure anorthite. No evidence of zoning or maskelynitization. Large olivine grain (bottom center) shows compositional zoning from Mg-rich core to Fe and Ca-rich rims.

Photo 13. Asuka-881377, 214.90 g, diogenite. This achondrite is an almost rounded and partly ablated stone with shiny-black fusion crust, showing a light gray to pale greenish interior. Scale cube is 1 cm.

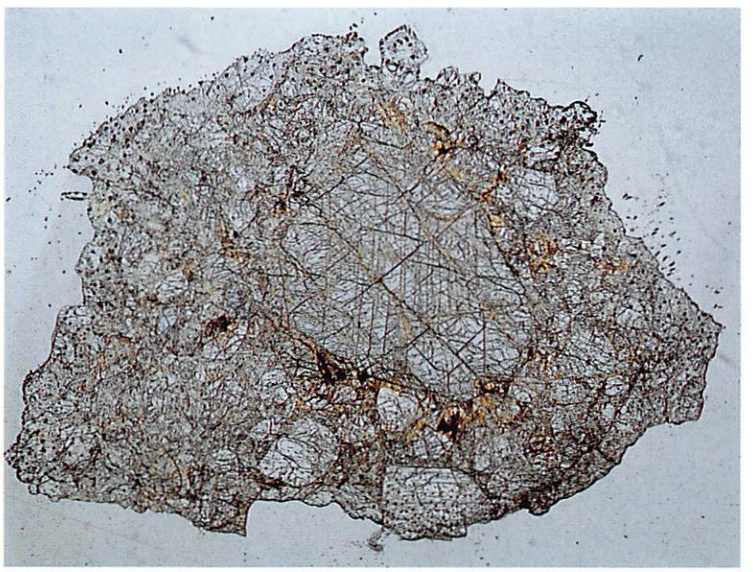


Photo 14. Asuka-881377,71-1 (diogenite), PPL. Thin section shows a typical monomict breccia consisting almost entirely of magnesian orthopyroxene with minor olivine and traces of troilite and metallic iron. Long dimension is 9.0 mm.

Photo 15. Asuka-881377,71-1 (diogenite), XPL. Large and fractured orthopyroxene grain shows undulatory extinction and is surrounded by orthopyroxene fragments with traces of olivine (yellow-brown).

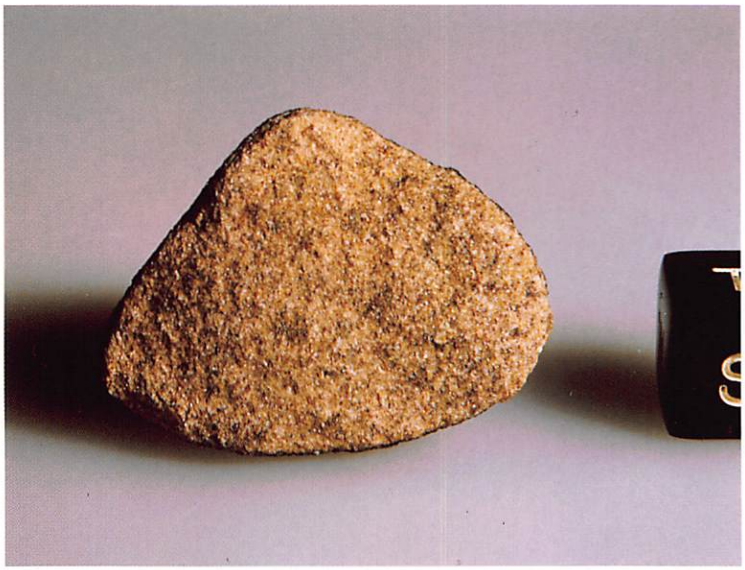


Photo 16. Asuka-881388, 16.92 g, fine-grained crystalline eucrite. This stone is almost half covered with shiny-black fusion crust, and shows a fine-grained crystalline-granular texture. Scale cube is 1 cm.

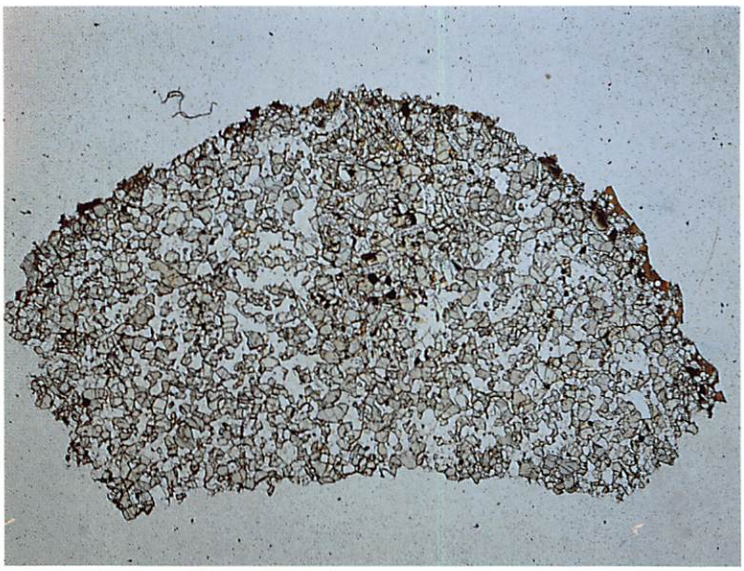


Photo 17. Asuka-881388,51-1, crystalline eucrite. Thin section shows fine-grained crystalline texture of pyroxene and calcic plagioclase. Brown to pale brown fusion crust is on the rim at top. Long dimension is 6.5 mm.

Photo 18. Asuka-881388,51-1, crystalline eucrite, XPL.

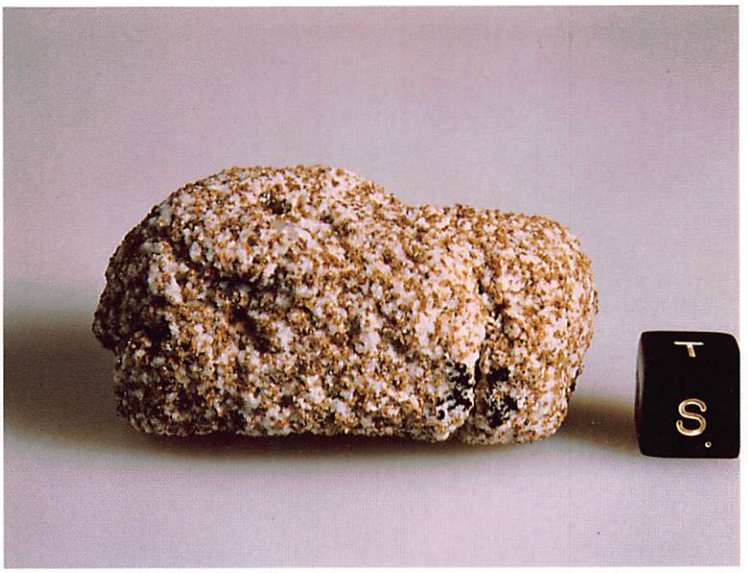


Photo 19. Asuka-881394, 70.92 g, coarse-grained eucrite. This achondrite is a somewhat elongated, angular stone showing coarse-grained interior of pyroxene (yellowish brown) and plagioclase (white) with approximately 3% shiny-black fusion crust (bottom right). Scale cube is 1 cm.

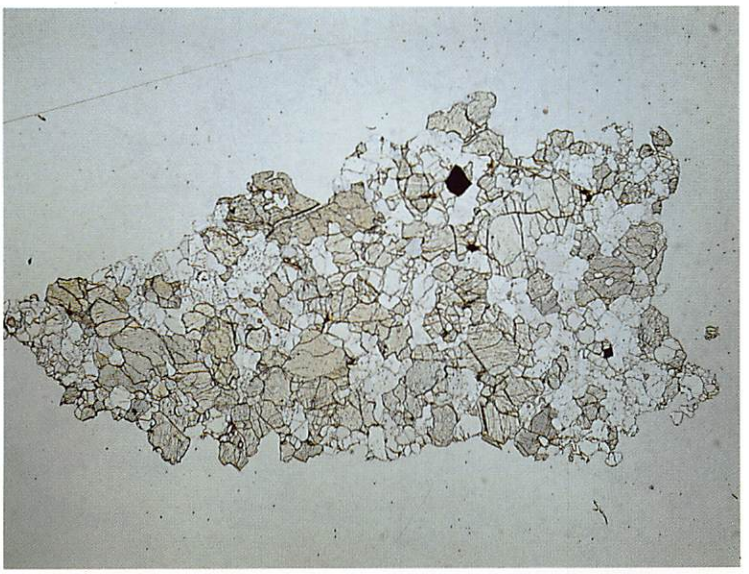


Photo 20. Asuka-881394,51-1 (eucrite), PPL. Thin section shows a granular texture of coarse-grained pyroxene (light brown) with white calcic plagioclase, and traces of chromite and troilite. Long dimension is 11 mm.

Photo 21. Asuka-881394,51-1 (eucrite), XPL.

Photo 22. Asuka-881467, 38.40 g, medium-grained eucrite. This is a nearly angular and seemingly almost complete stone, less than 1% of its shiny-black fusion crust remains. This stone shows brown color with unbrecciated porphyritic texture consisting of pyroxene (yellowish-brown) and porphyritic plagioclase (white) with fine opaques (black). Scale cube is 1 cm.

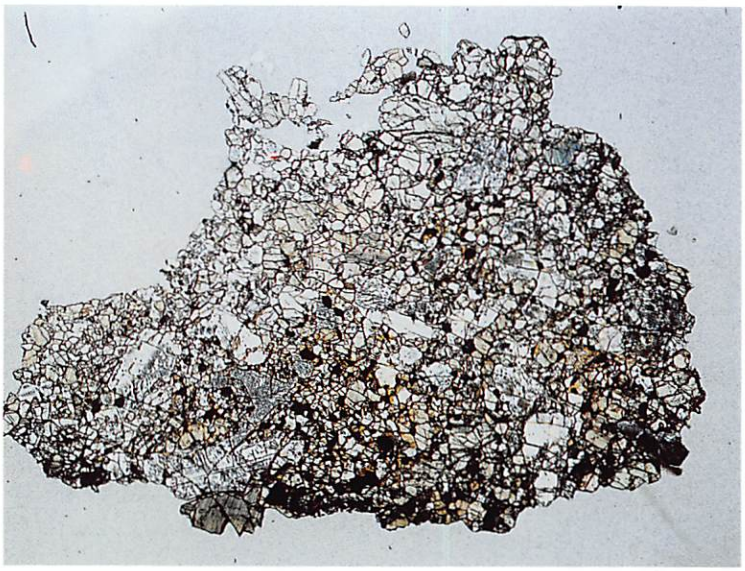


Photo 23. Asuka-881467,51-1 (eucrite), PPL. Thin section shows the unbrecciated and weakly developed porphyritic texture consisting of porphyritic plagioclase, granular pyroxene and elongated silica mineral. Long dimension is 10 mm.

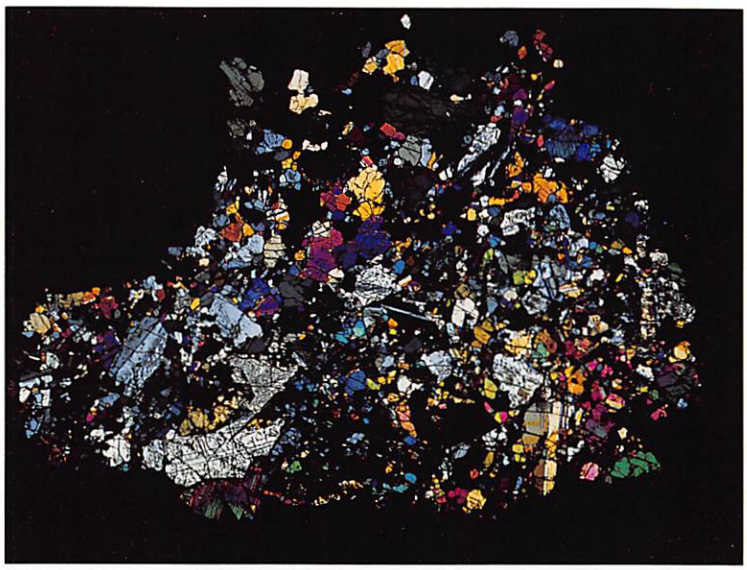


Photo 24. Asuka-881467,51-1 (eucrite), XPL. Large silica mineral (bottom left) appears dusty.

Photo 25. Asuka-881526, 470.06 g, diogenite. This specimen is extremely abraded and appears fragile, because it has been highly weathered (mostly abraded) and has retained only a few patches of dull-black fusion crust (bottom right). The interior is very coarse-grained, with large pyroxene clasts in a fine-grained pyroxene matrix. It shows a typical brecciated texture, consisting of almost entirely of orthopyroxene. Scale cube is 1 cm.

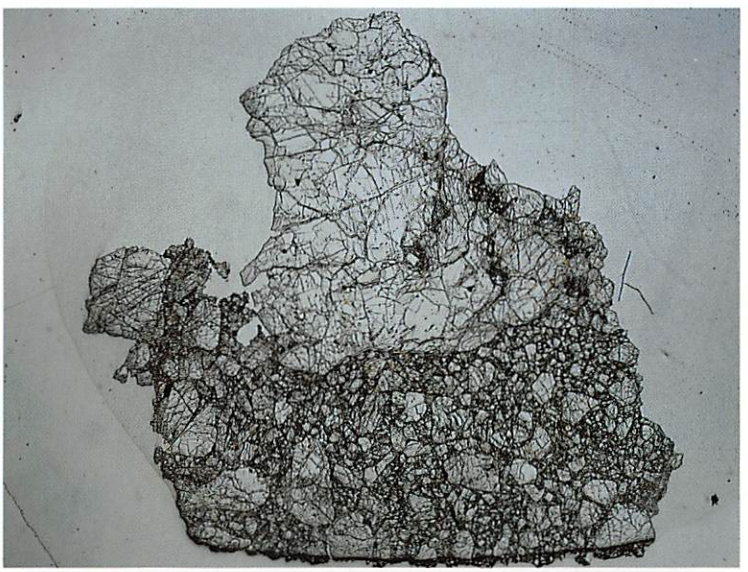


Photo 26. Asuka-881526,51-1 (diogenite), PPL. Thin section shows a typical monomict breccia of almost entirely of magnesian orthopyroxene clast and matrix, with traces of troilite, metallic iron and chromite. Long dimension is 9.5 mm.

Photo 27. Asuka-881526,51-1 (diogenite), XPL.

Photo 28. Asuka-881757, 442.12 g, Lunar meteorite (new type of lunar mare basalt). This specimen appears to be half of the original stone ; it has a broken surface without fusion crust and the other half has a very smooth rounded surface covered by a shiny-black fusion crust. It has a coarse-grained, unbrecciated interior, showing gabbroic appearance, composed of pale flesh-colored to brown pyroxenes and translucent plagioclases with some black ilmenites and black glass veinlets. Scale cube is 1 cm.

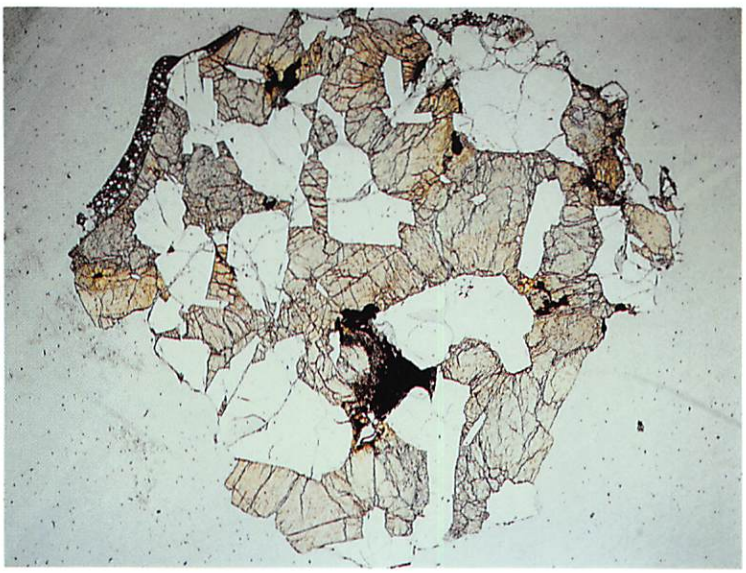


Photo 29. Asuka-881757,91, lunar meteorite, PPL. This specimen typically has a subhedral coarse-grained gabbroic granular texture consisting of chains of pyroxene and isolated plagioclase crystals, ranging from 2 to 4 mm and 1 to 3 mm respectively. Thin section shows a very coarse-grained (gabbroic), unbrecciated rock, consisting mainly of pyroxene and plagioclase (completely maskelynitized) with ilmenite and troilite, and traces of olivine, apatite, silica phase (quartz ?), Ni-Fe metal and shocked glass with dark fusion crust on the left edge. Long dimension is 9 mm.

Photo 30. Asuka-881757,91, lunar meteorite, XPL.

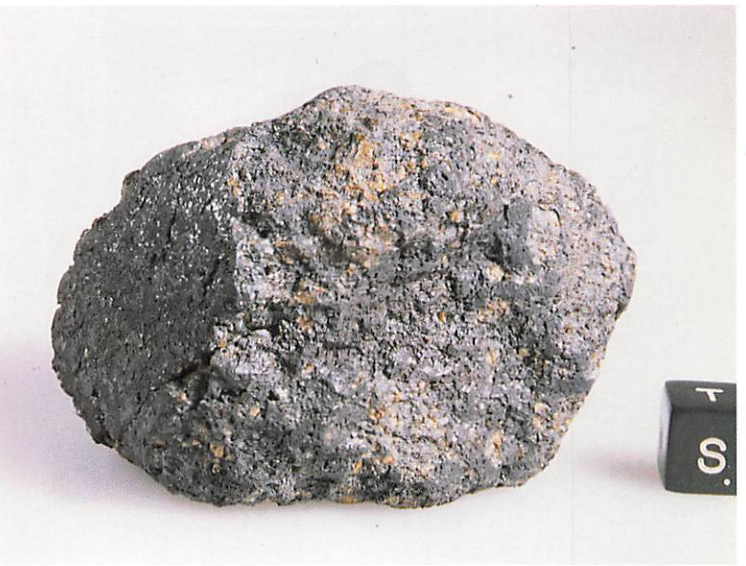


Photo 31. Asuka-881931, 153.62 g, ureilite. This is an almost complete subangular stone, approximately 60% being covered with dusty-dark fusion crust. It shows medium to coarse-grained granular silicates within a groundmass of gray to dark gray material.

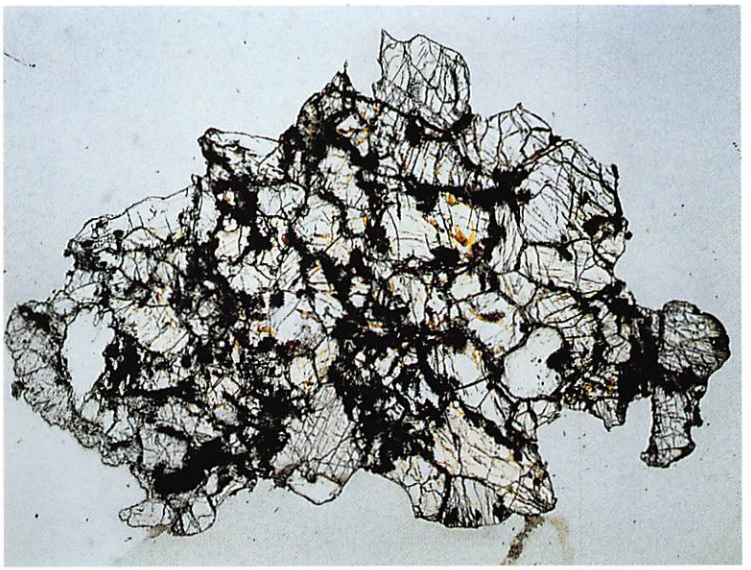


Photo 32. Asuka-881931,61-1 (ureilite), PPL. Thin section shows a coarse-grained texture of olivine and pyroxene with darker material (mostly carbon material) which is concentrated at the grain boundaries. Long dimension is 7.5 mm.

Photo 33. Asuka-881931,61-1, (ureilite), XPL.

Photo 34. Asuka-882023, 1115 g, mesosiderite. This is a complete angular specimen with light brown-dark green silicate inclusions, approximately 90% covered by dusty-black fusion crust. Scale cube is 1 cm.

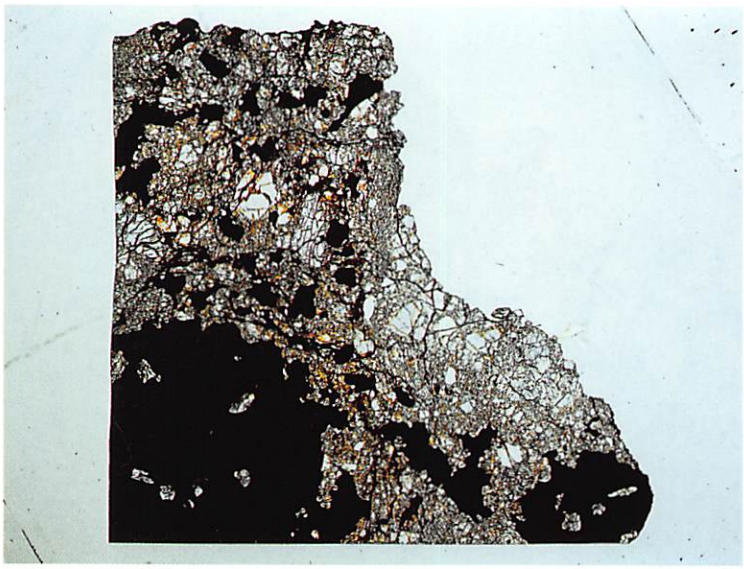


Photo 35. Asuka-882023,51-1 (mesosiderite), PPL. Thin section shows a typical brecciated texture of metallic clasts within crushed metallic iron, olivine, pyroxene and plagioclase, with minor troilite. Long dimension is 10 mm.

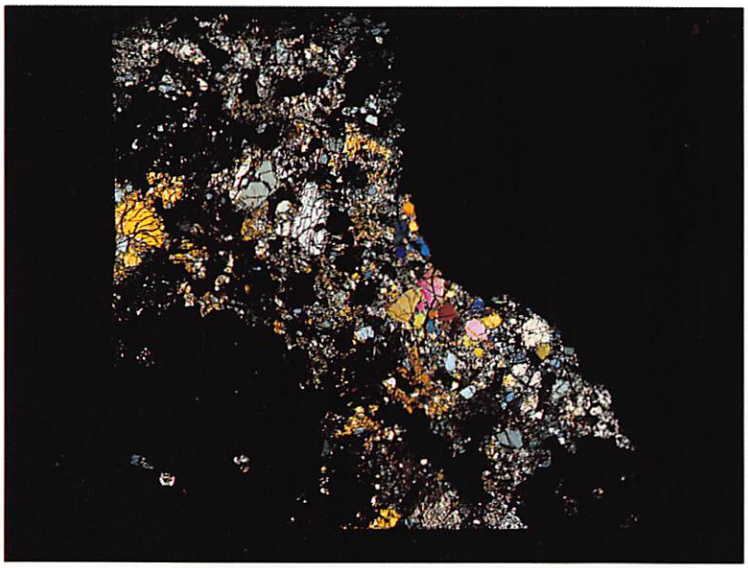
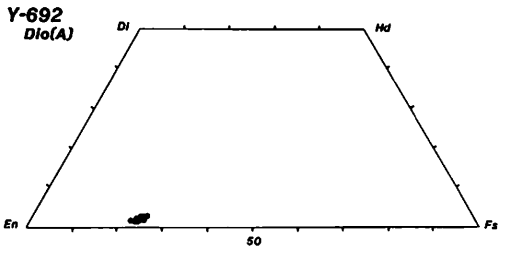
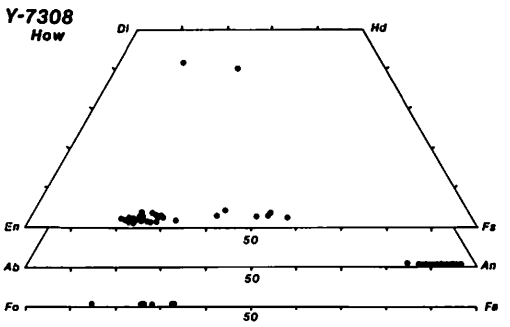


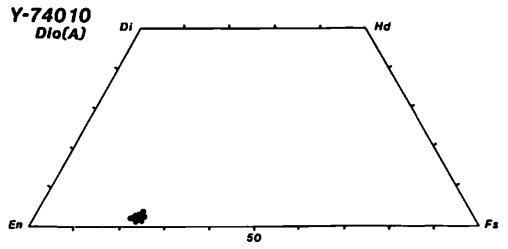
Photo 36. Asuka-882023,51-1 (mesosiderite), XPL.

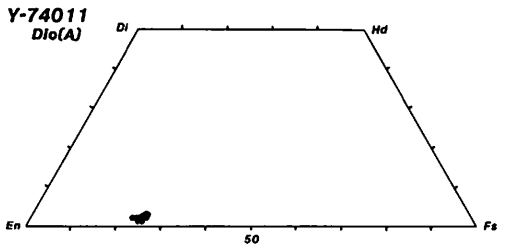
DIAGRAMS SHOWING THE CHEMICAL COMPOSITIONS OF OLIVINES, PYROXENES AND PLAGIOCLASES OF THE ANTARCTIC METEORITES

class and types: see Table 3


Y-692
Dio(A)
Di
Hd
En
Fs
50


Y-7308
How
Di
Hd
En
Fs
50
Ab
An
50
Fo
Fa
50


Y-74010
Dio(A)
Di
Hd
En
Fs
50


Y-74011
Dio(A)
Di
Hd
En
Fs
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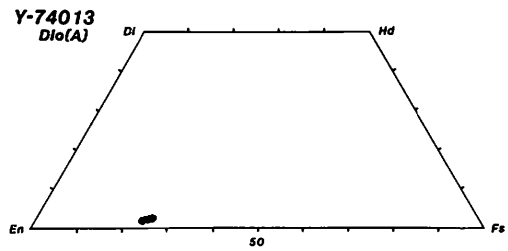
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Dio(A)
Di
Hd
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Fs
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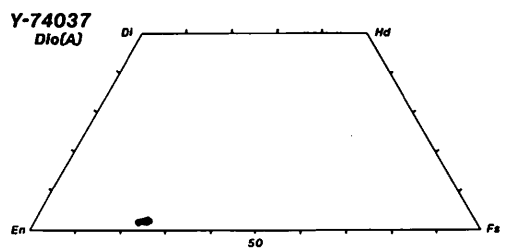
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Di
Hd
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Fs
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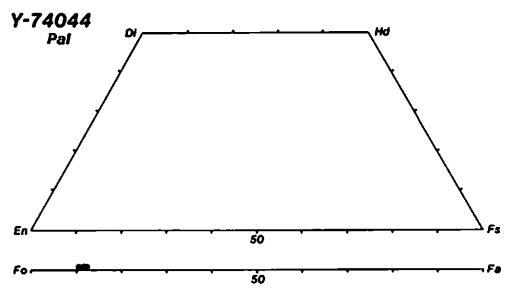
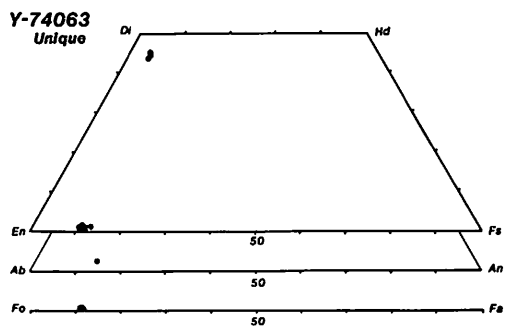

Y-74044
Pal
Di
Hd
En
Fs
50
Fo
Fa
50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Di
Hd
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Ab
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Fo
Fa
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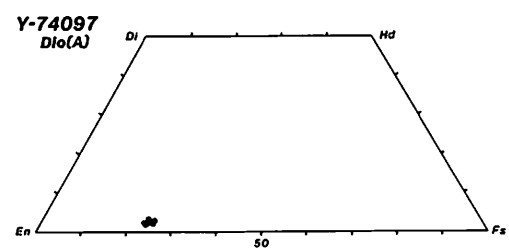
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Dio(A)
Di
Hd
En
Fs
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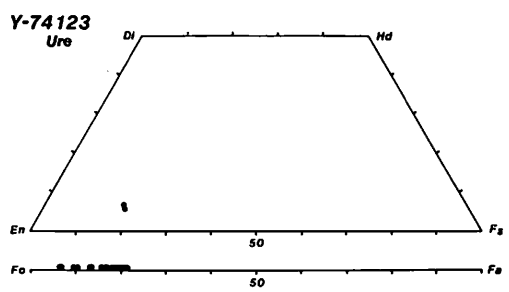
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Ure
Di
Hd
En
Fs
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Fo
Fa
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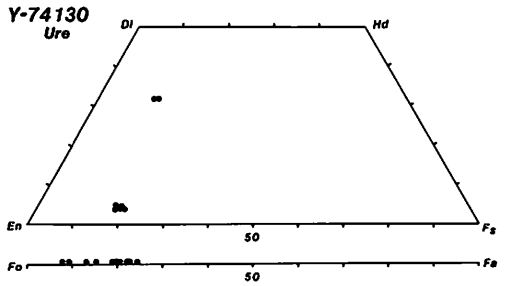
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Di
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En
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Fo
Fa
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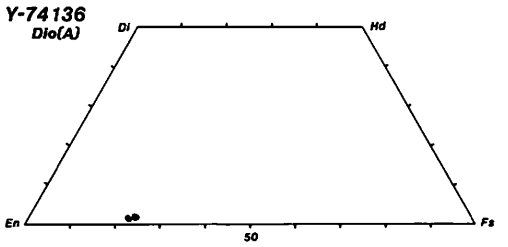
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Hd
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Fs
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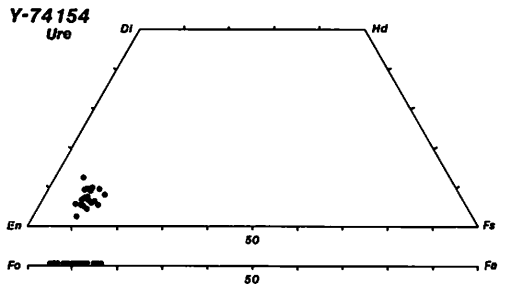
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Ure
Di
Hd
En
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Fo
Fa
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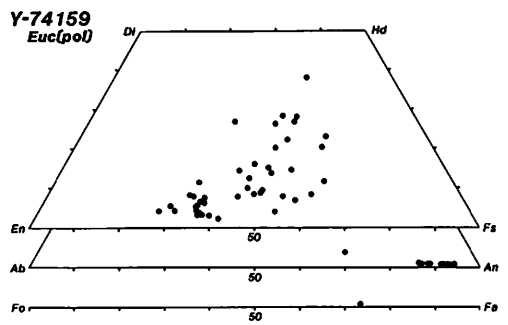
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Di
Hd
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Fs
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Ab
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Fo
Fa
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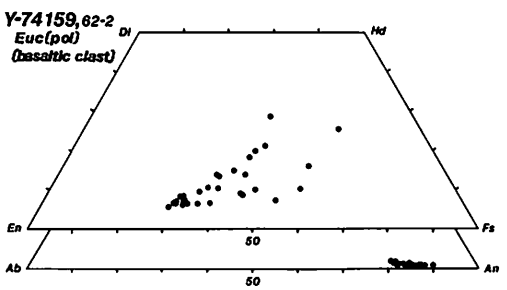
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Euc(pol)
(basaltic clast)
Di
Hd
En
Fs
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Ab
An
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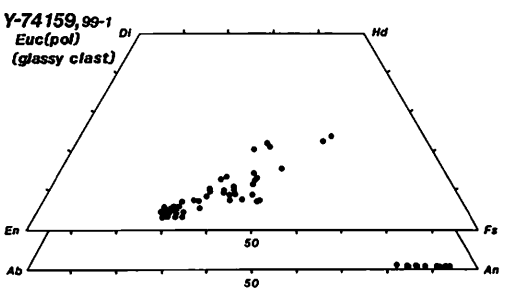
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Euc(pol)
(glassy clast)
Di
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Ab
An
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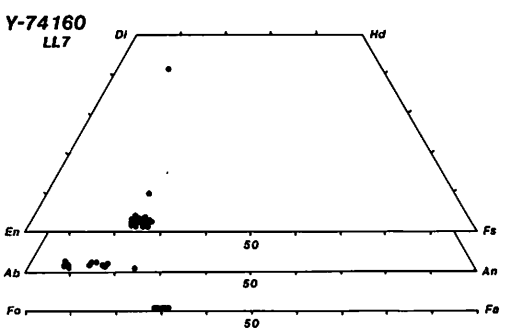
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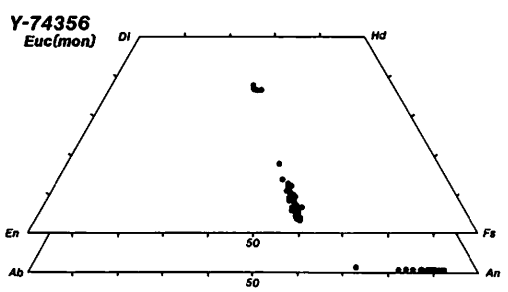
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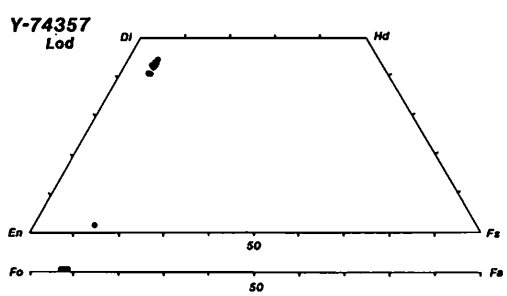
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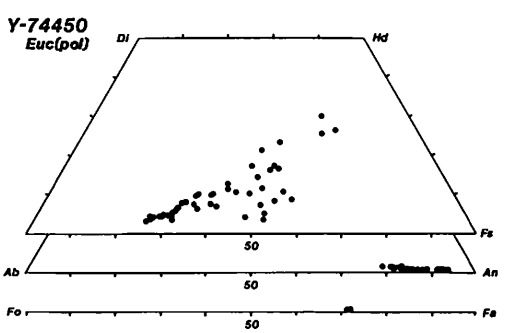
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Fa
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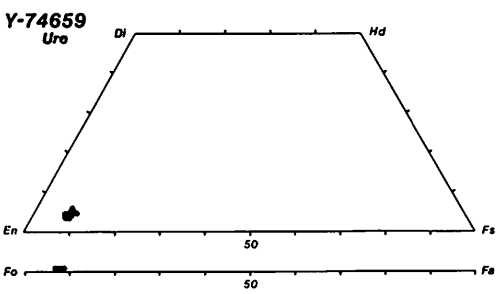
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Di
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Fs
50
Fo
Fa
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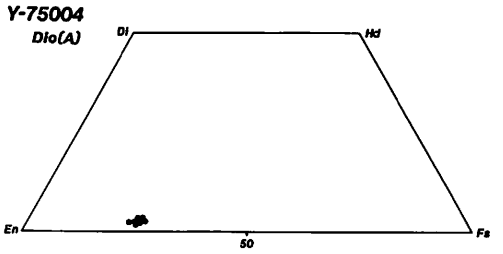
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Dio(A)
Di
Hd
En
Fs
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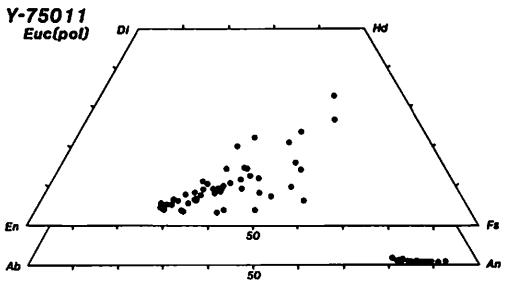
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Fs
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Ab
An
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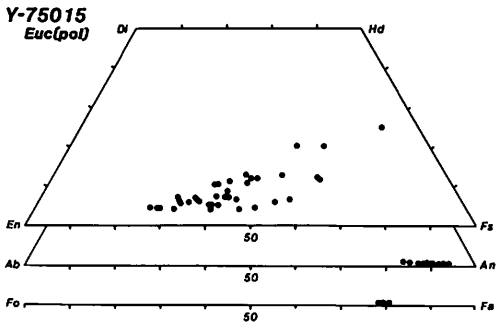
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Fa
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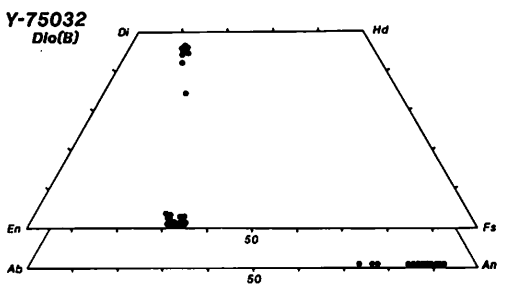
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Dio(B)
Di
Hd
En
Fs
50
Ab
An
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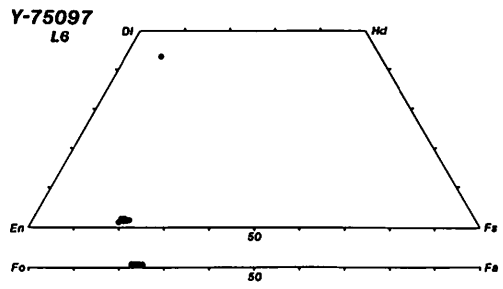
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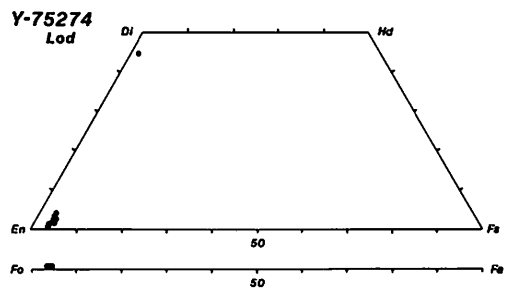
L6
Di
Hd
En
Fs
50
Fo
Fa
50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Lod
Di
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Fo
Fa
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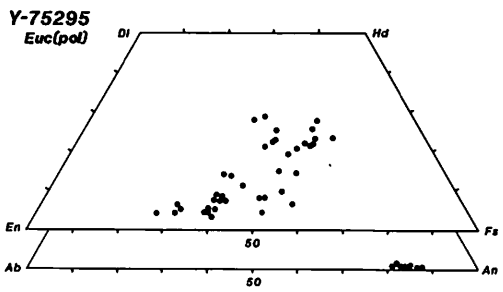
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Euc(pol)
Di
Hd
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Fs
50
Ab
An
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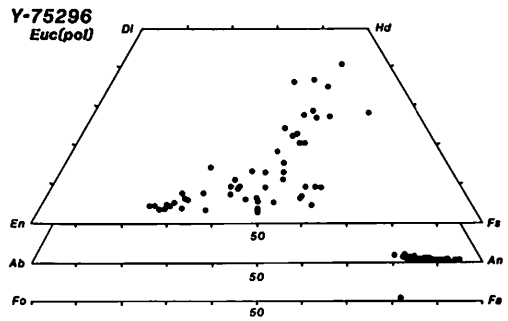
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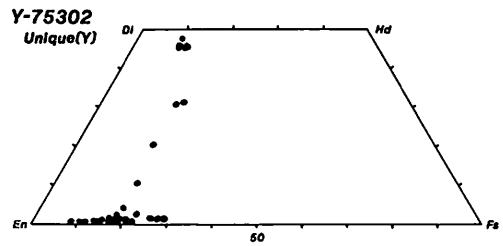
Euc(pol)
Di
Hd
En
Fs
50
Ab
An
50
Fo
Fa
50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Unique(Y)
Di
Hd
En
Fs
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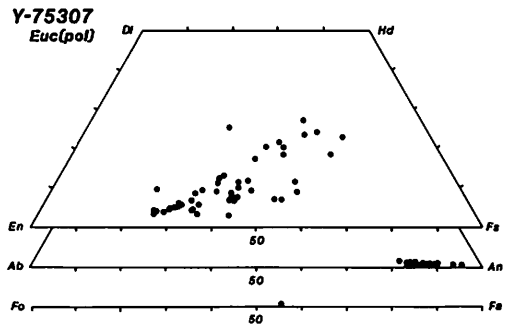
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Euc(pol)
Di
Hd
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Fs
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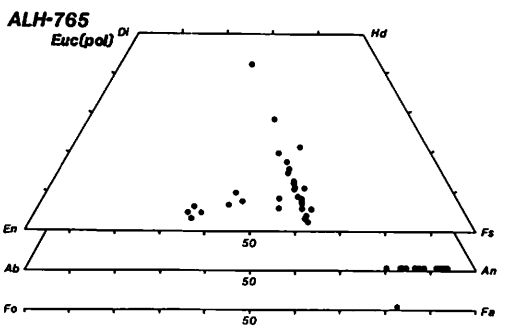
Ab
An
Fo
Fa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Euc(pol)
Di
Hd
En
Fs
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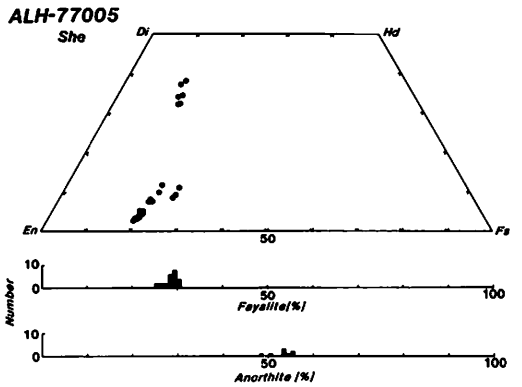
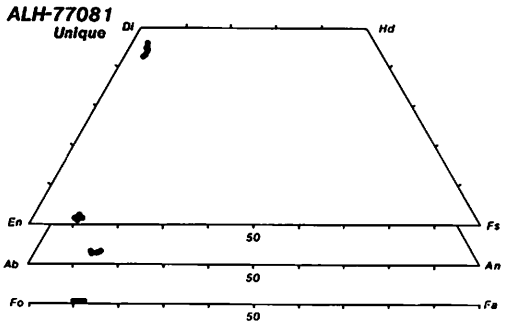
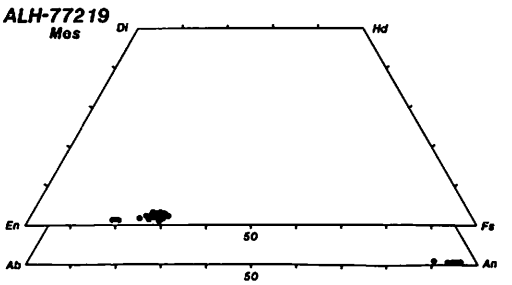
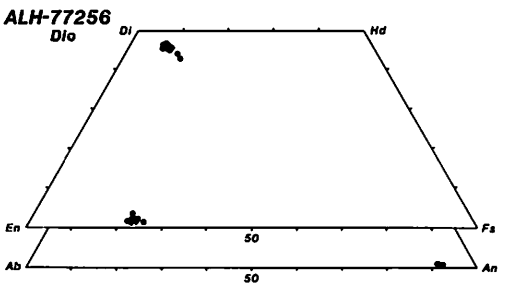
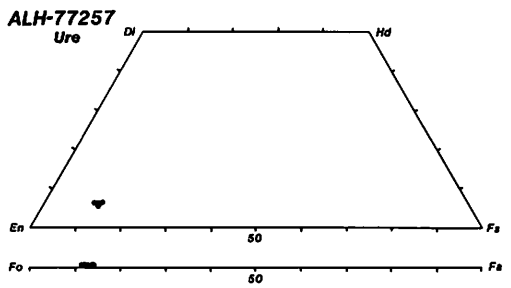
Ab
An
Fo
Fa


ALH-77005
She
Di
Hd
En
Fs
50
10
0
Number
50
100
Fayalite(%)
Anorthite (%)


ALH-77081
Unique
Di
Hd
En
Fs
50
Ab
An
Fo
Fa


ALH-77219
Mes
Di
Hd
En
Fs
50
Ab
An


ALH-77256
Dio
Di
Hd
En
Fs
50
Ab
An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Ure
Di
Hd
En
Fs
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Fo
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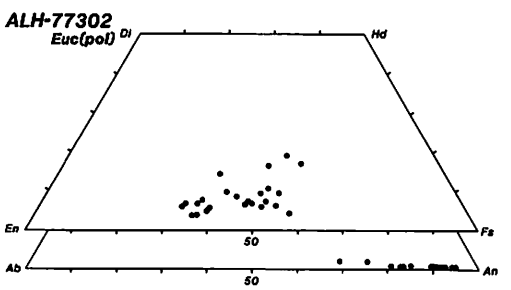
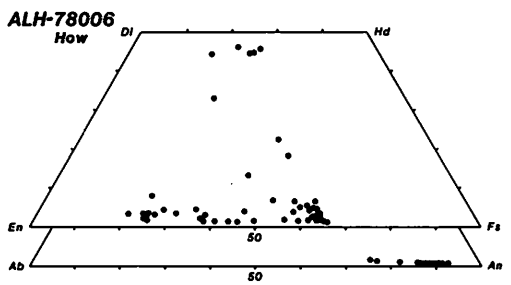
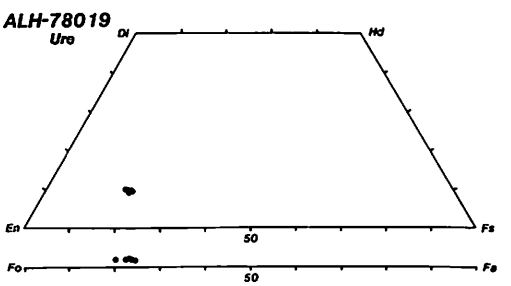

ALH-77302
Euc(pol)
Di
Hd
En
Fs
50
Ab
An


ALH-78006
How
Di
Hd
En
Fs
50
Ab
An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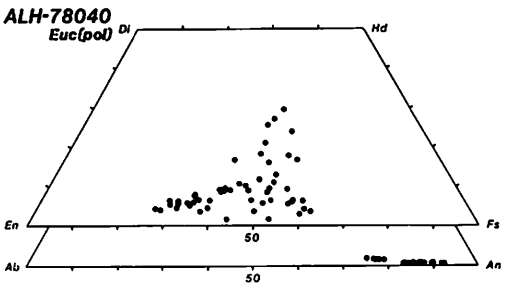
Ure
Di
Hd
En
Fs
50
Fo
Fa


ALH-78040
Euc(pol)
Di
Hd
En
Fs
50
Ab
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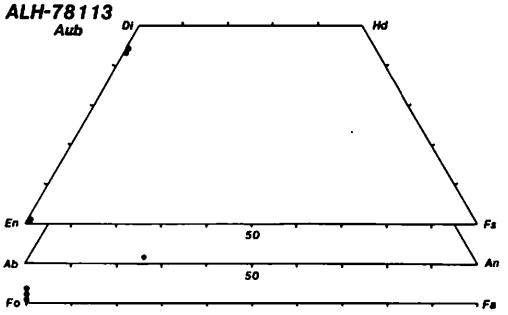
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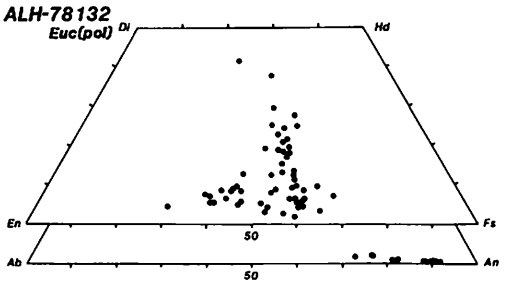
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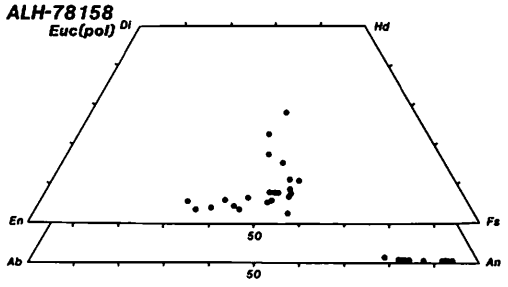
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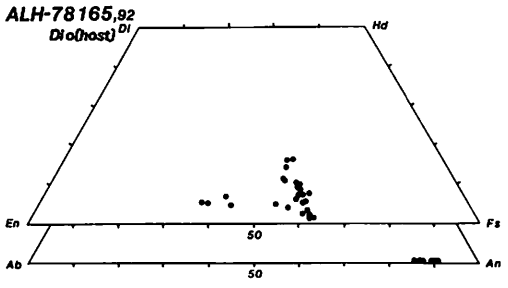
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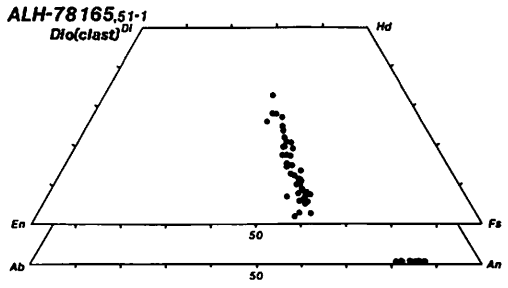
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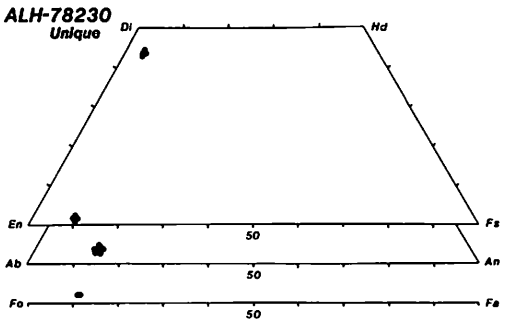
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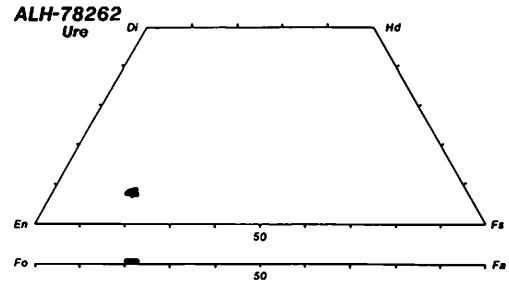
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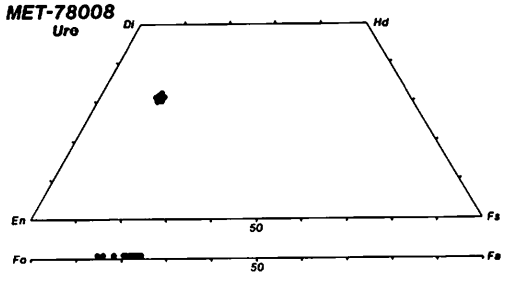
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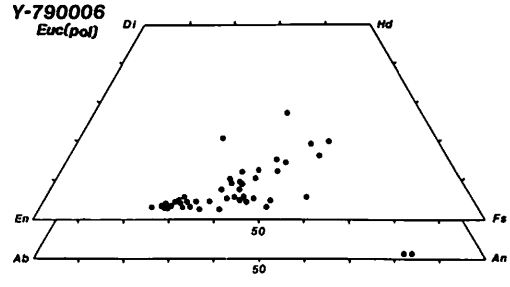
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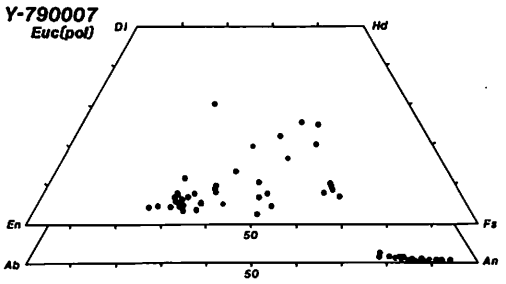
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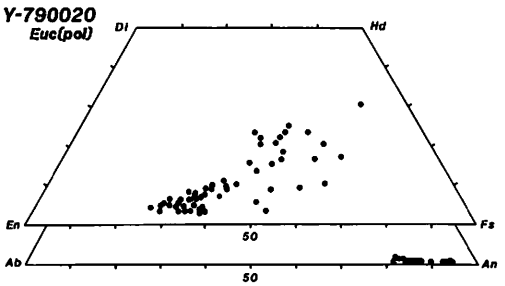
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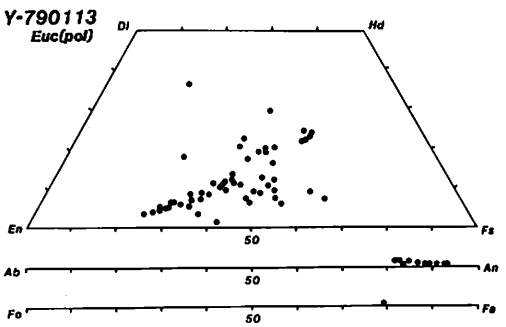
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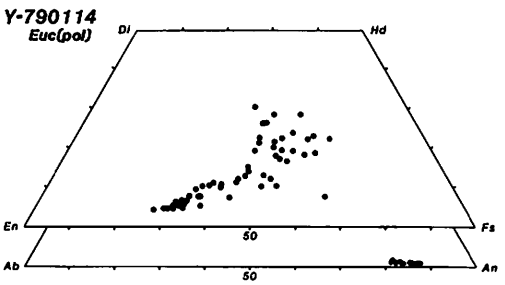
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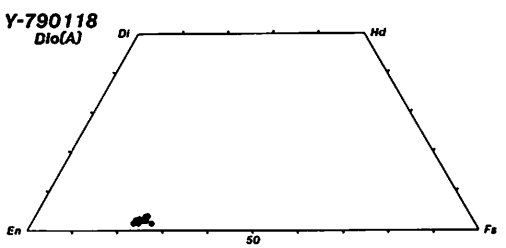
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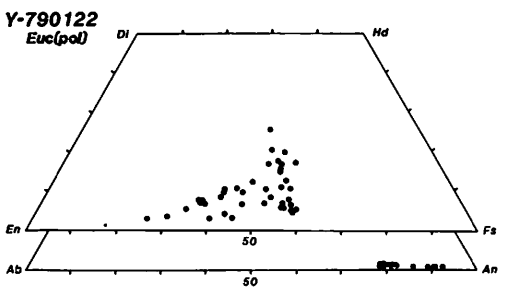
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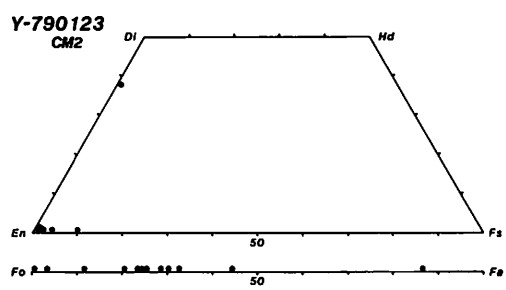
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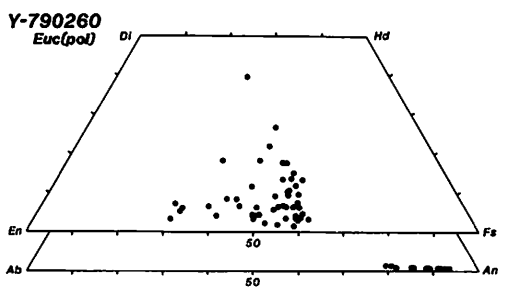
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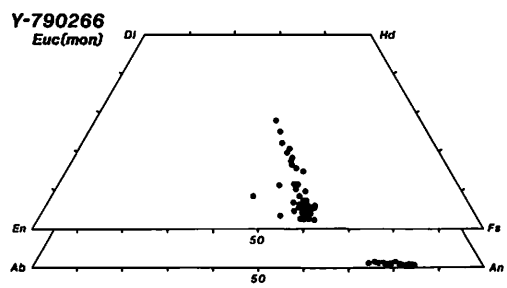
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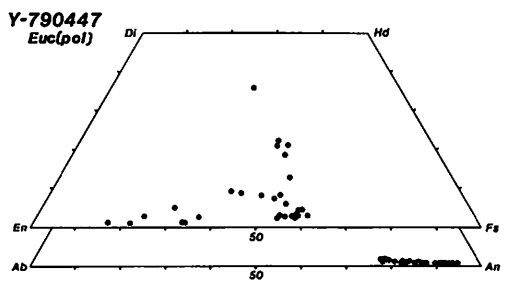
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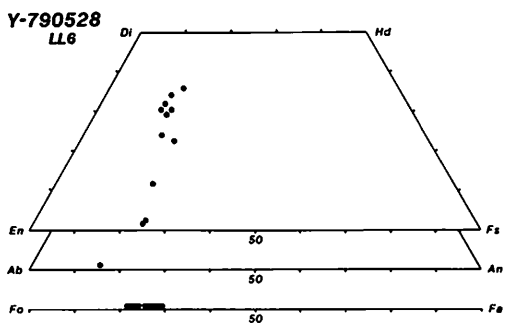
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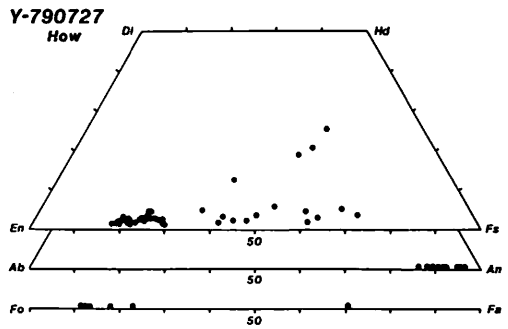
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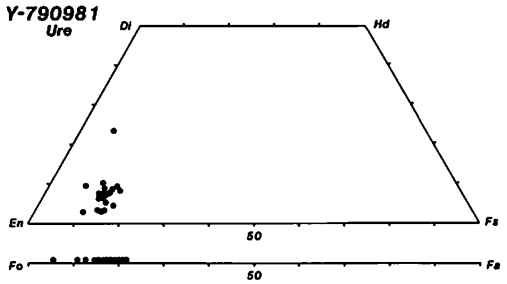
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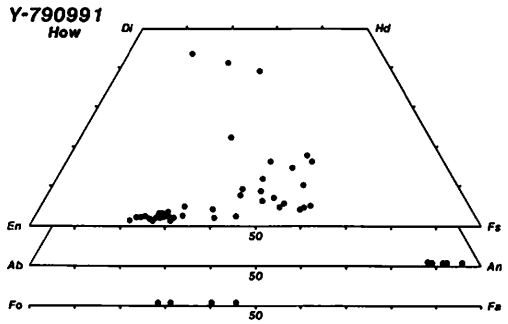
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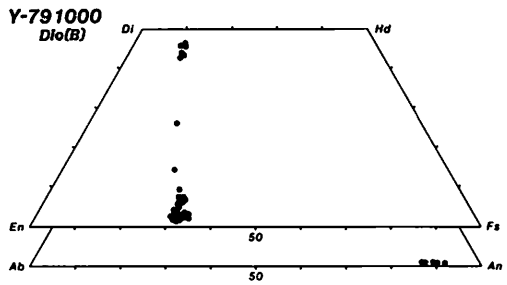
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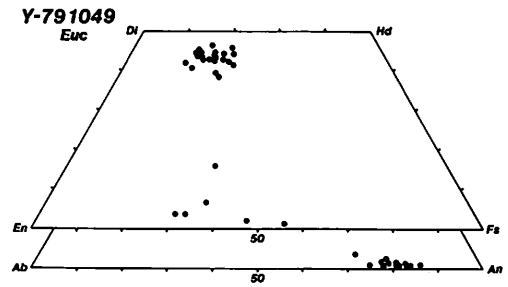
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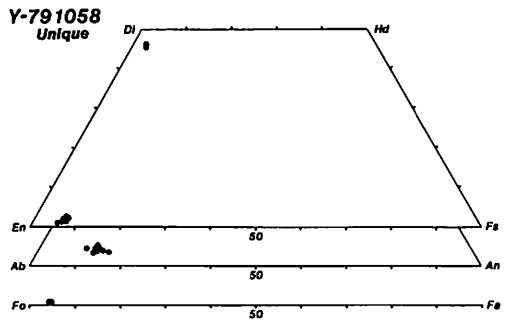
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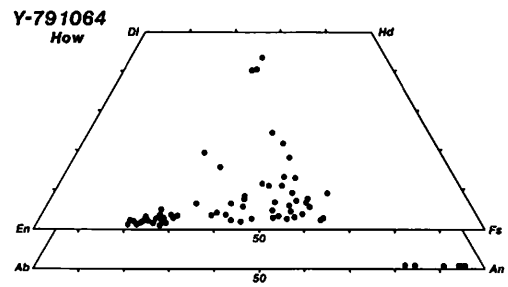
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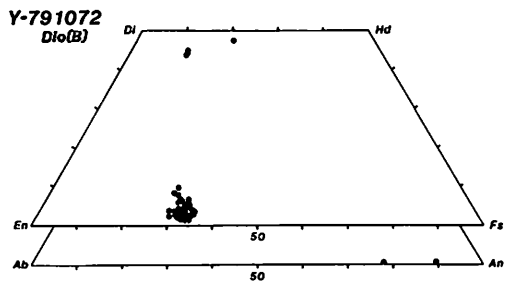
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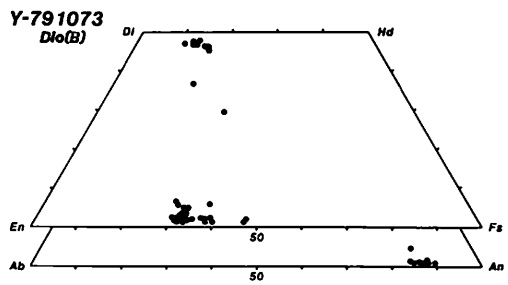
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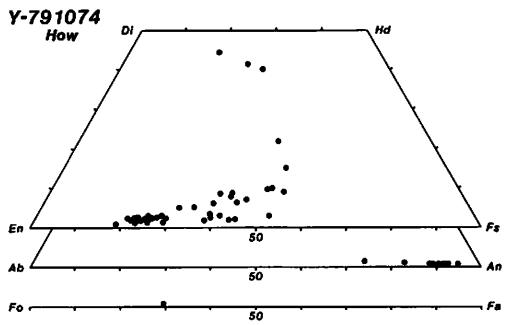
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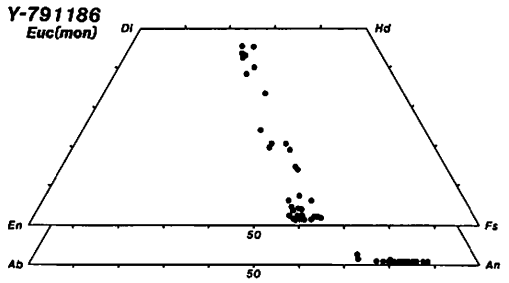
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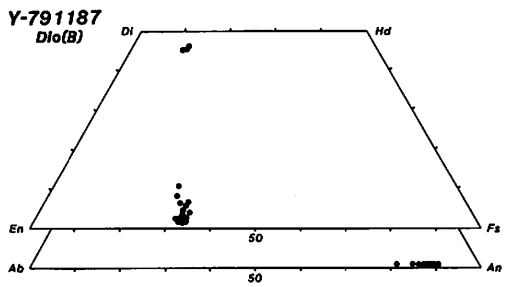
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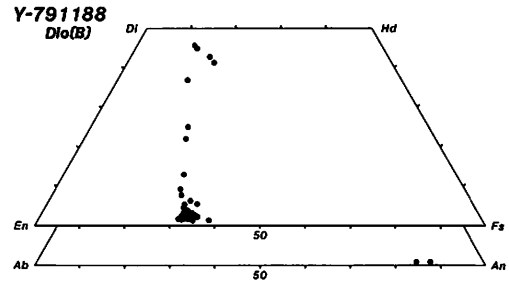
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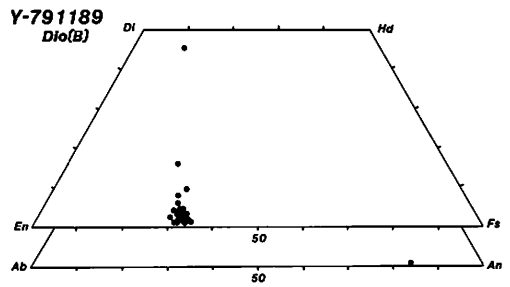
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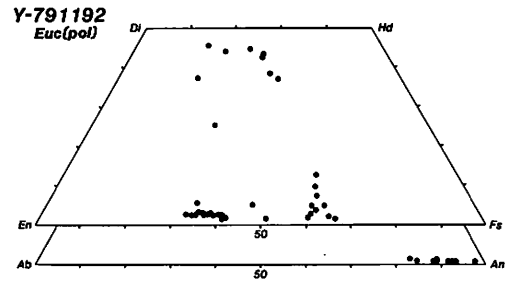
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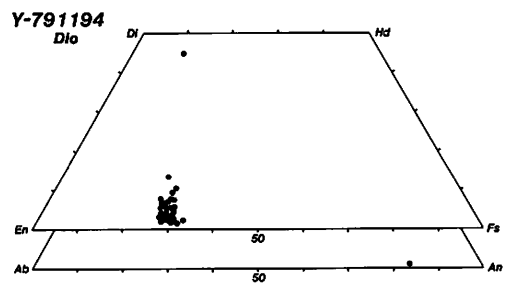
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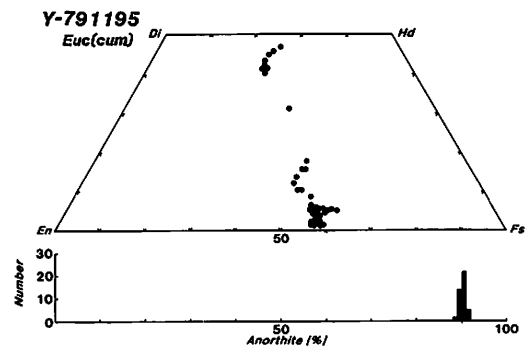
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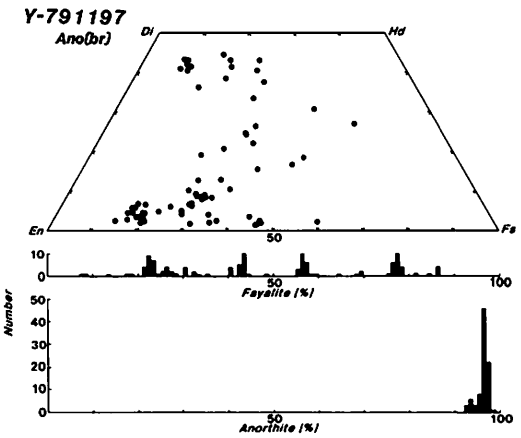
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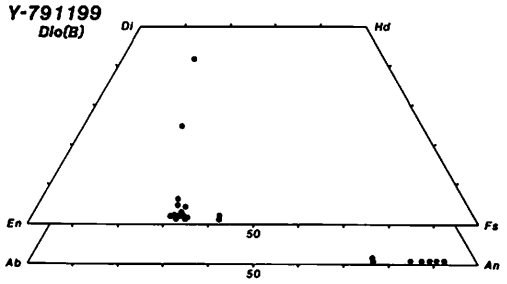
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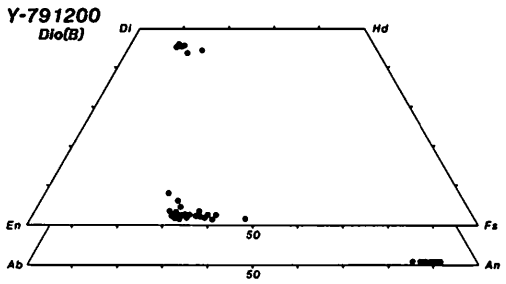
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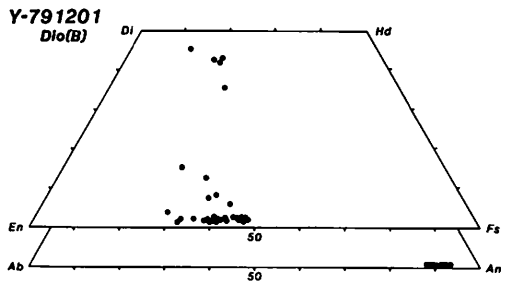
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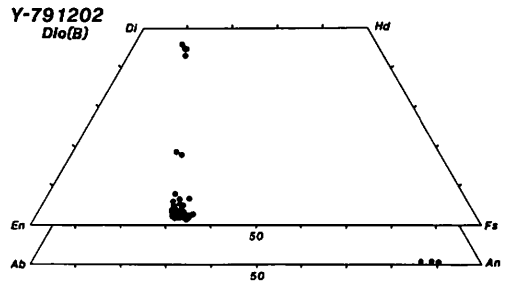
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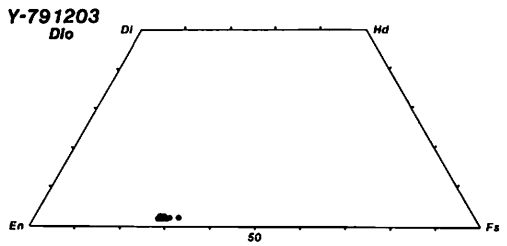
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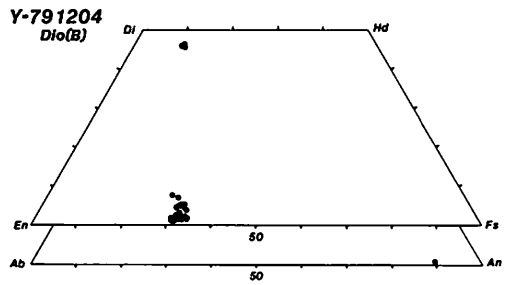
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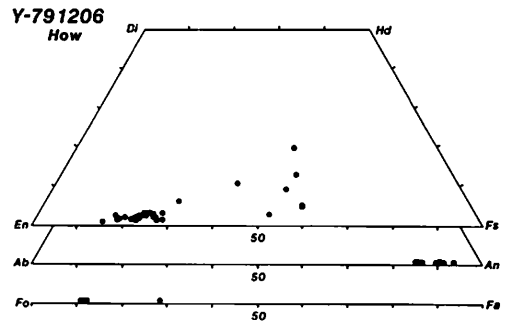
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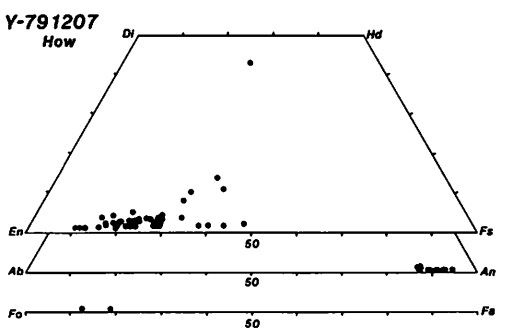
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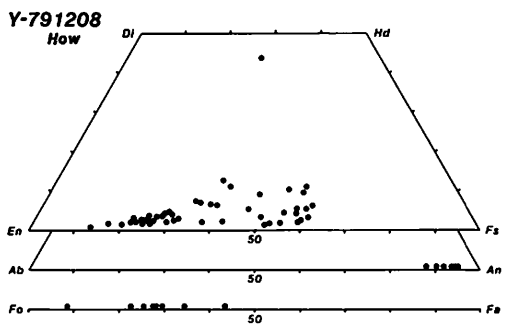
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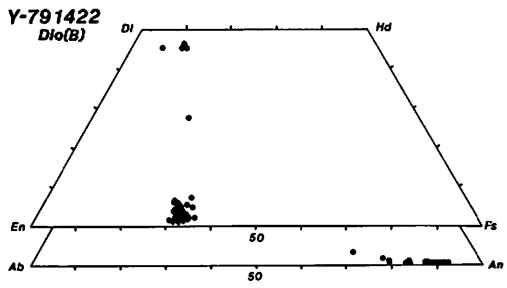
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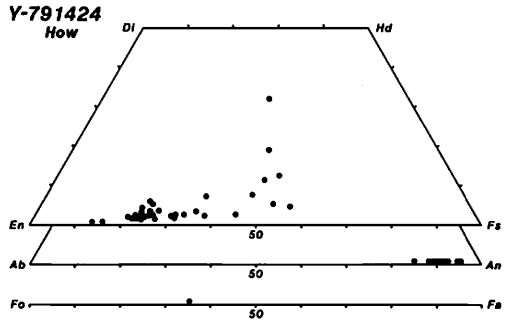
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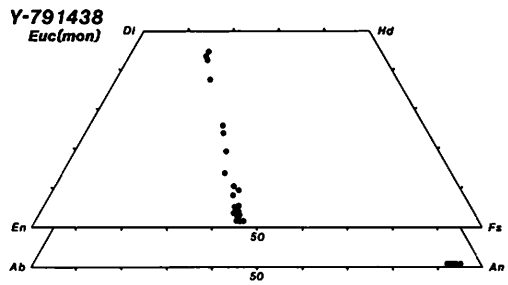
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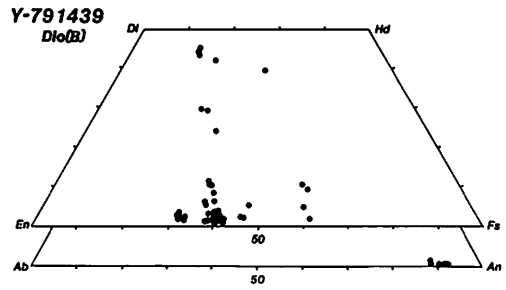
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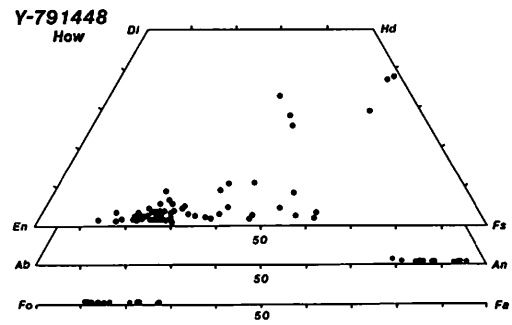
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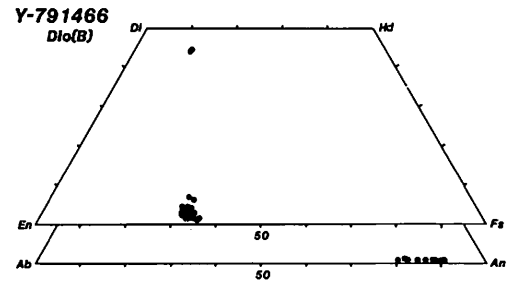
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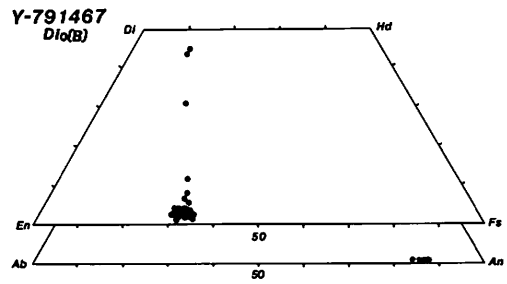
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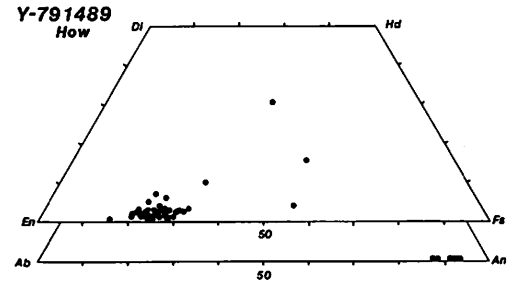
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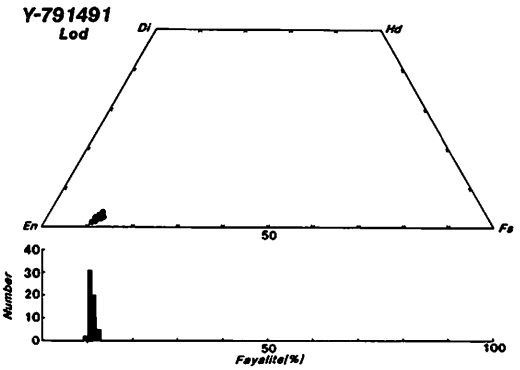
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Number
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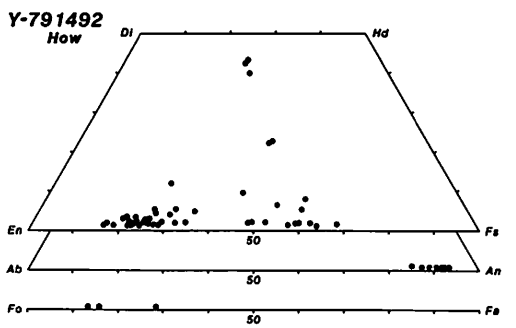
Fayalite(%)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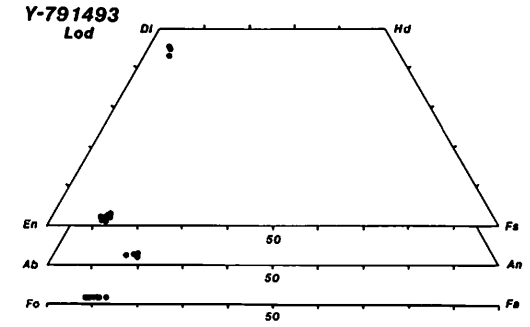
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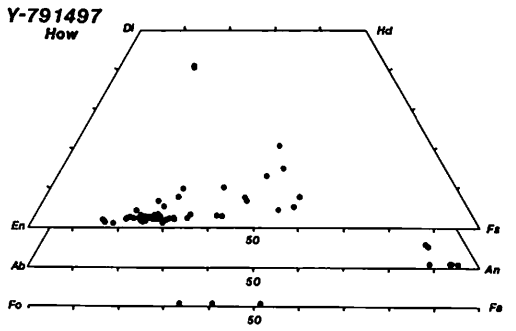
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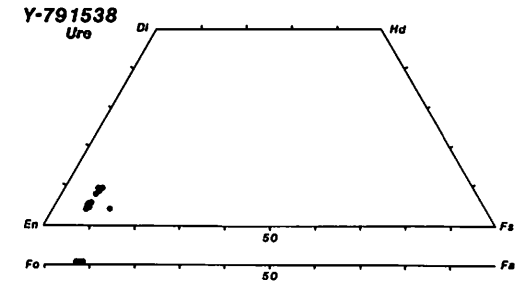
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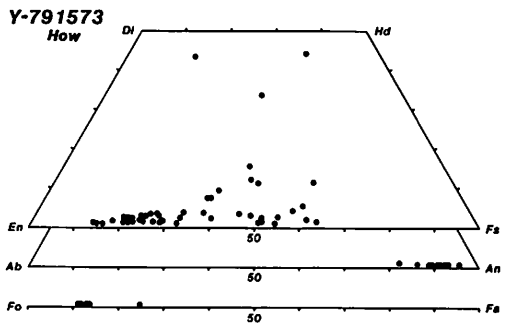
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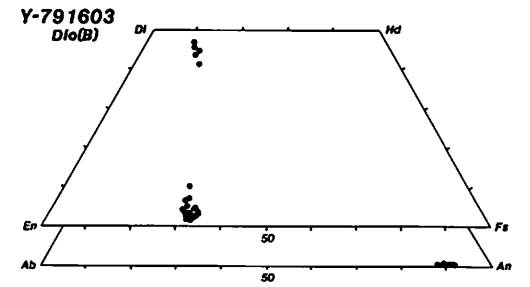
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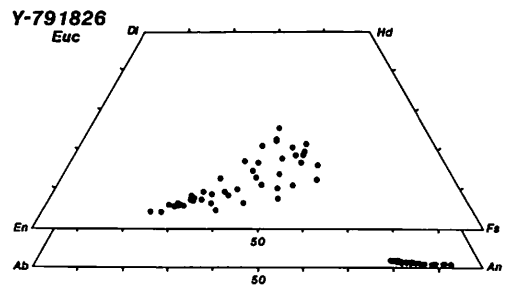
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An
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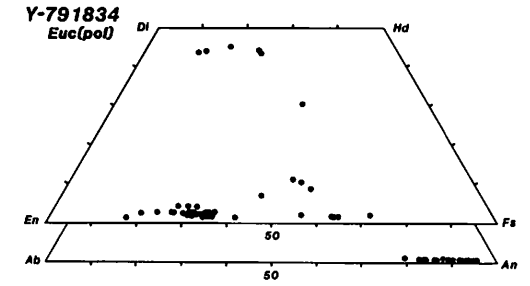
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Ab
An
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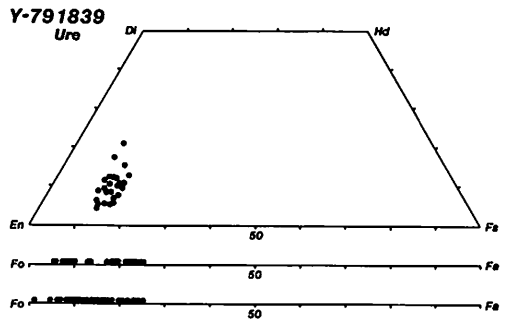
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Fa
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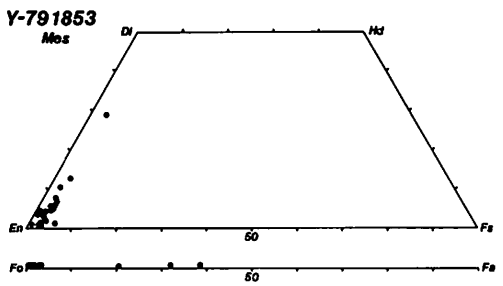
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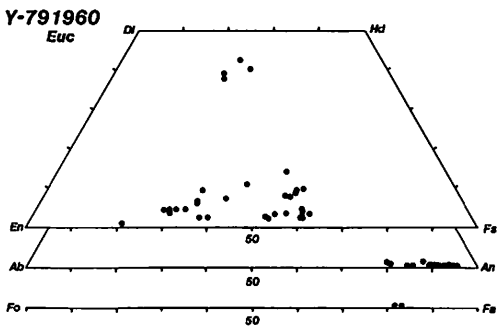
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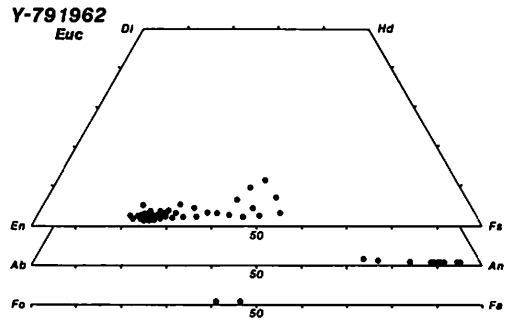
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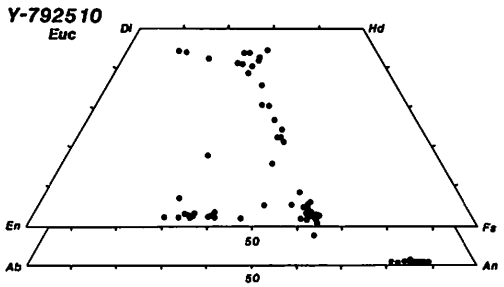
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Di
Hd
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Fs
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Ab
An
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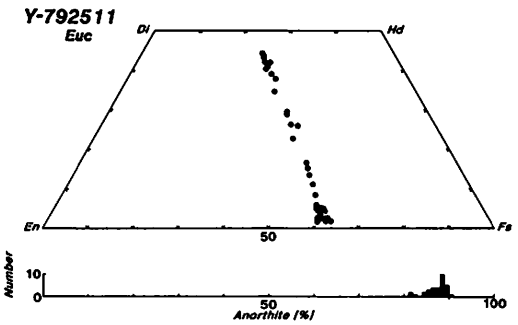
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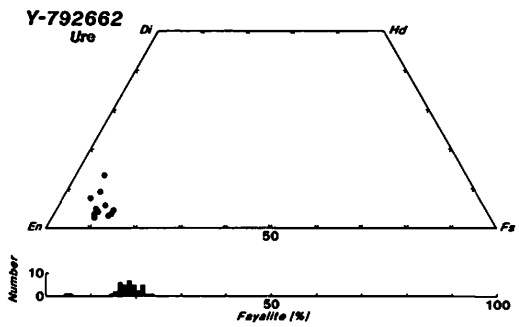
Anorthite (%)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Hd
En
Fs
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Number
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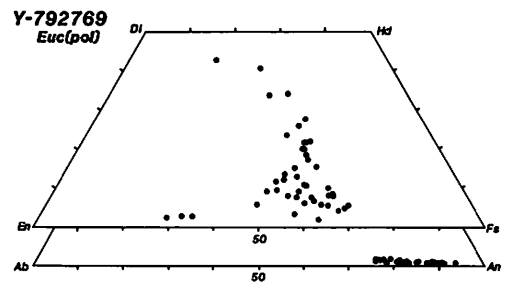
50
100
Fayalite (%)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Ab
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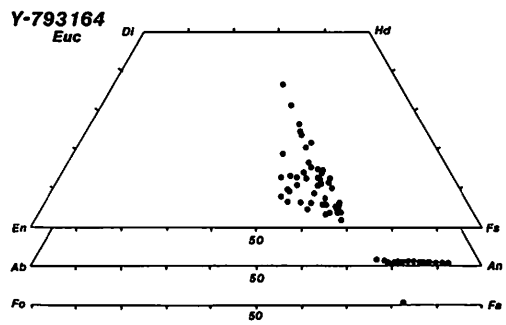
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Euc
Di
Hd
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Fs
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Ab
An
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Fo
Fa
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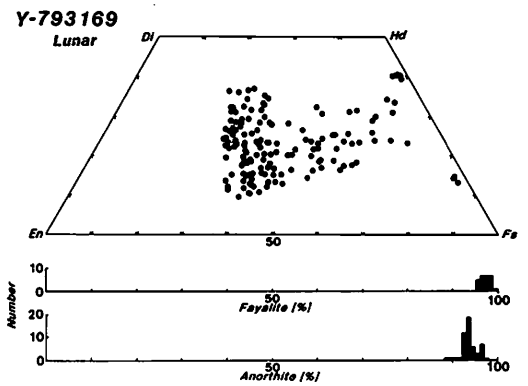
Y-793169
Lunar
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Number
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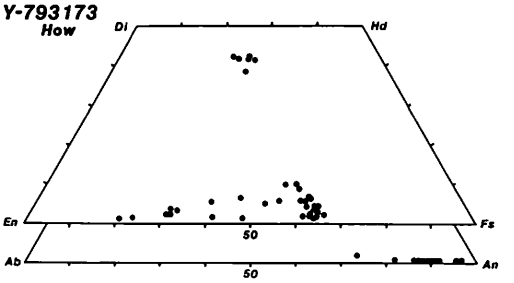
Anorthite (%)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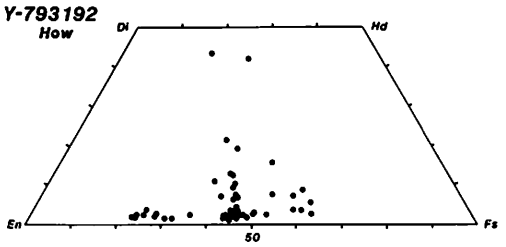
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How
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Hd
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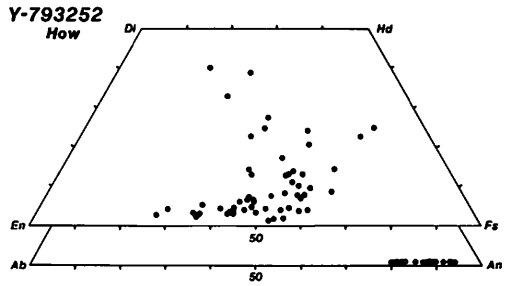
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How
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Ab
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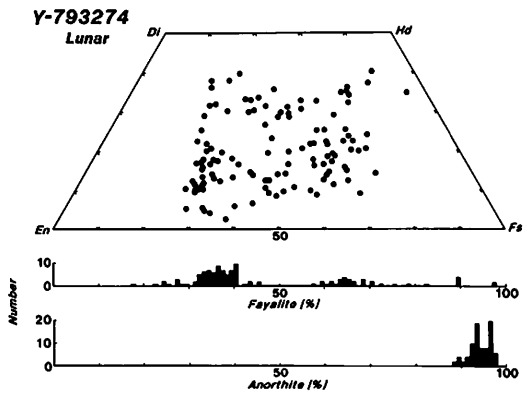
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Fayalite (%)
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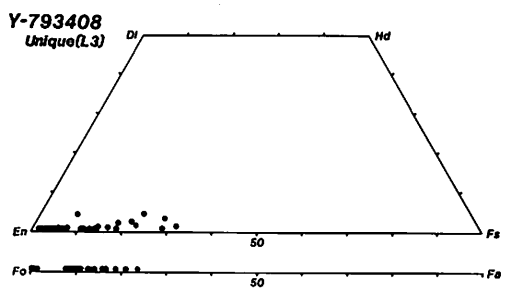
Anorthite (%)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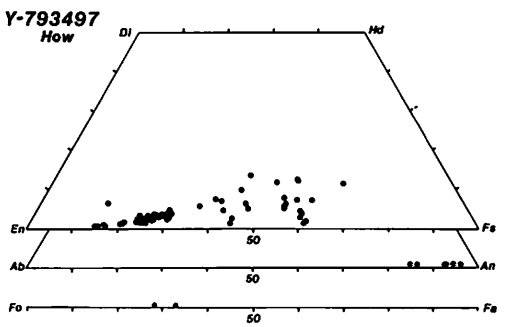
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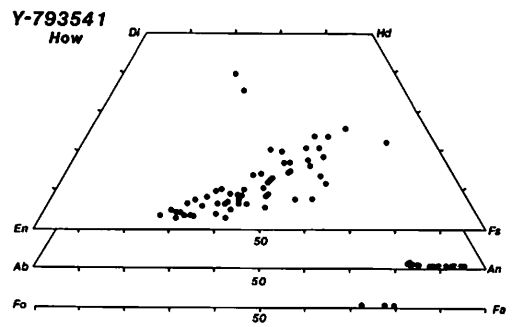
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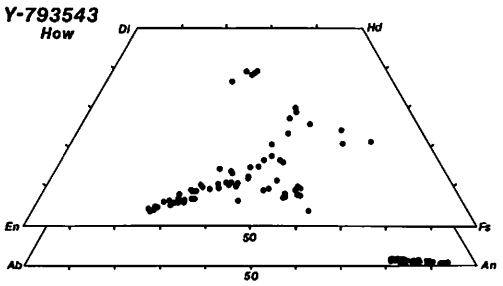
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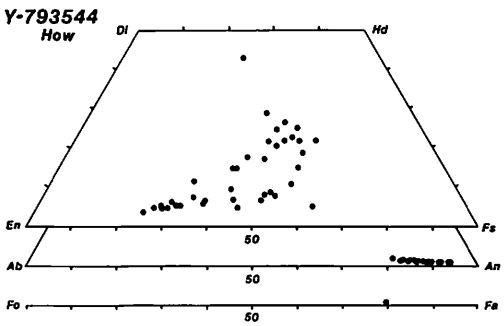
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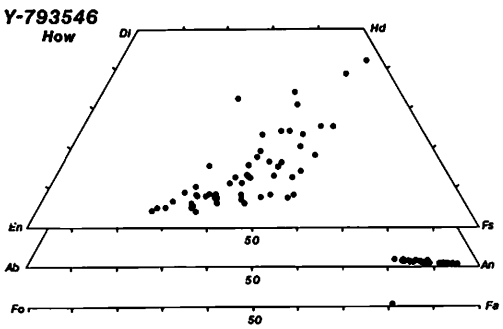
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Fa
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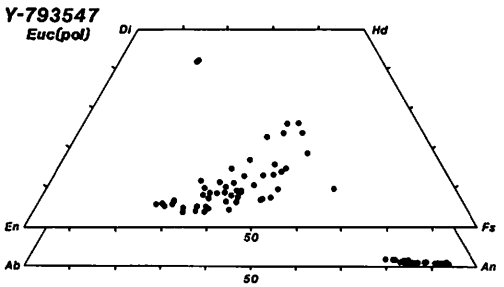
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Hd
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Ab
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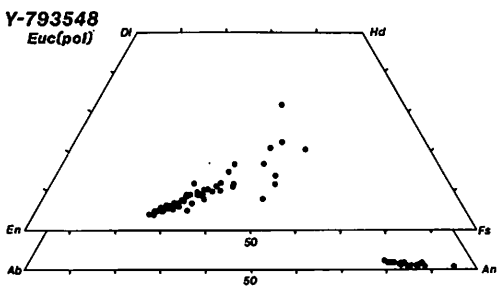
An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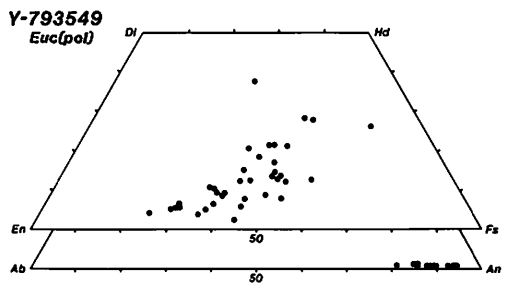
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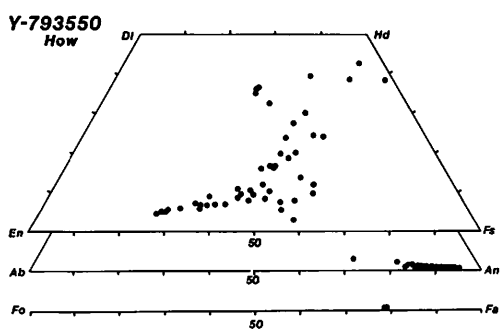
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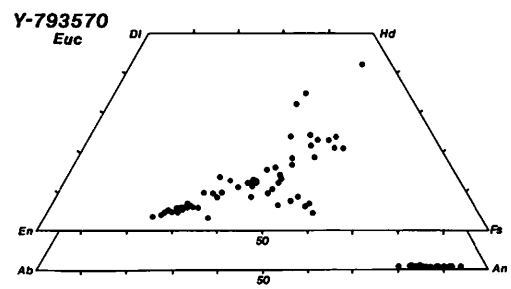
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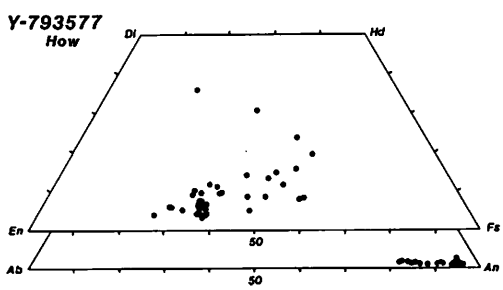
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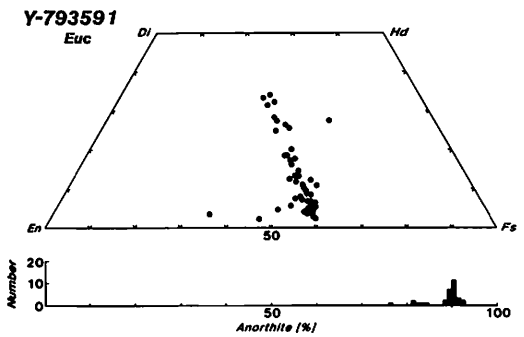
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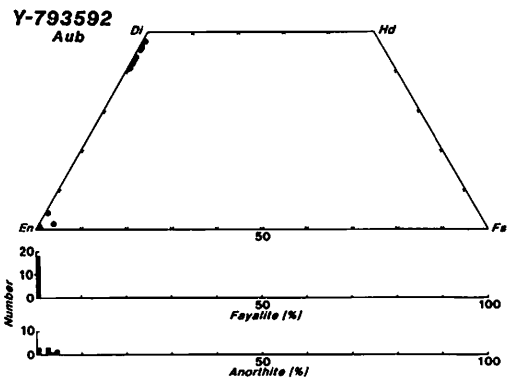
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Number
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Fayalite (%)
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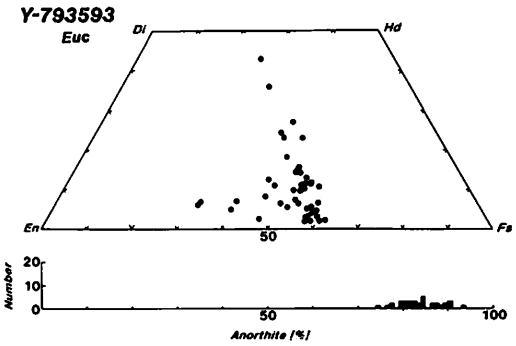
Anorthite (%)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Hd
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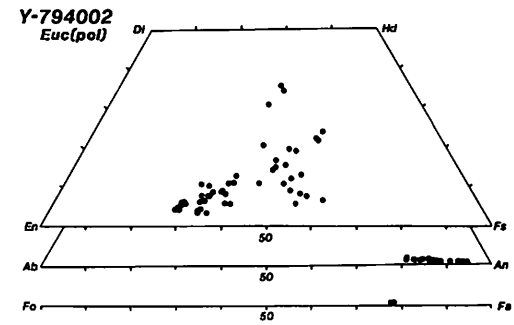
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Hd
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Fo
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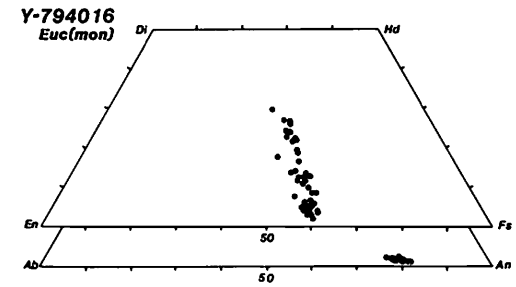
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Euc(mon)
Di
Hd
En
Fs
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Ab
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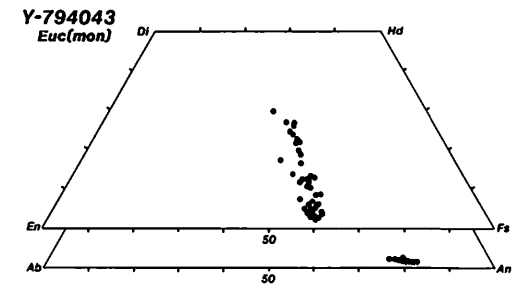
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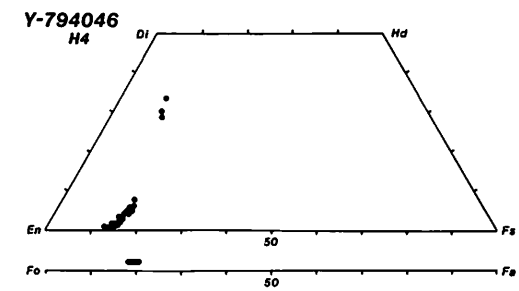
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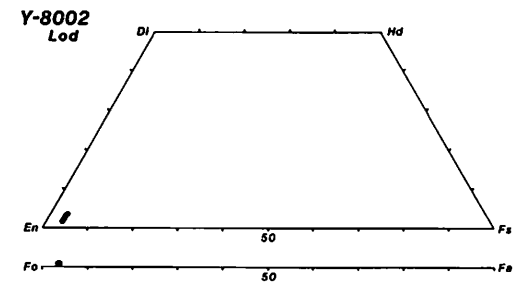
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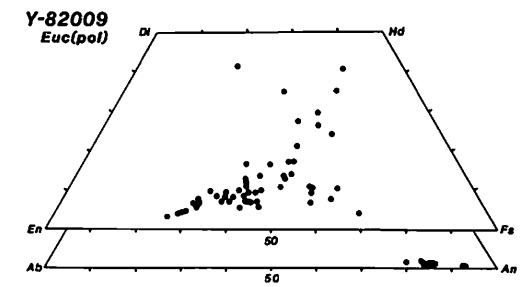
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Euc(pol)
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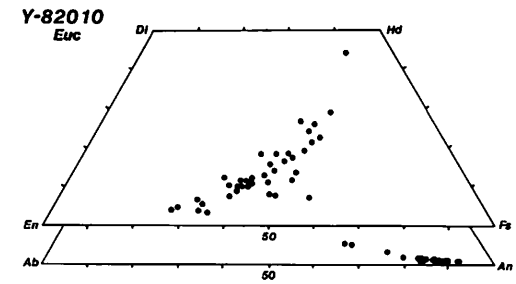
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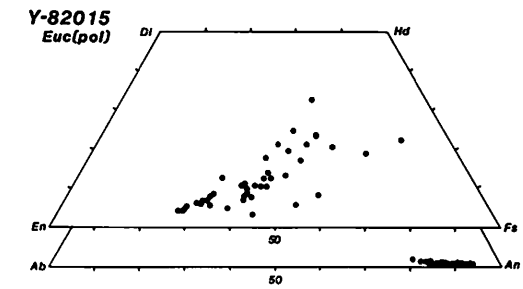
Y-82015
Euc(pol)
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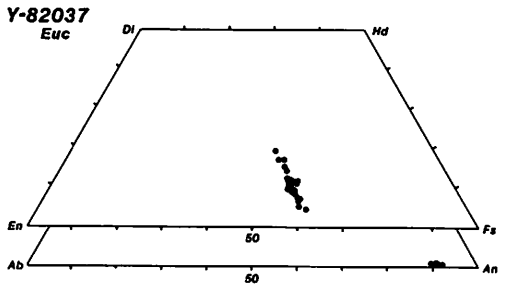
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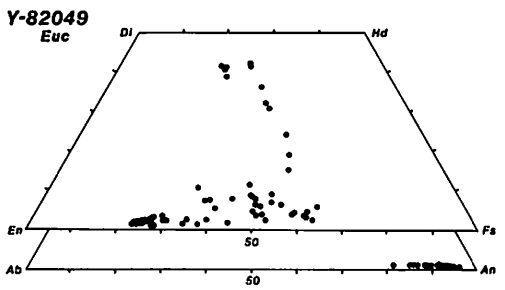
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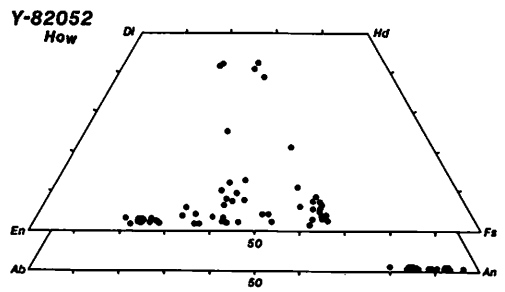
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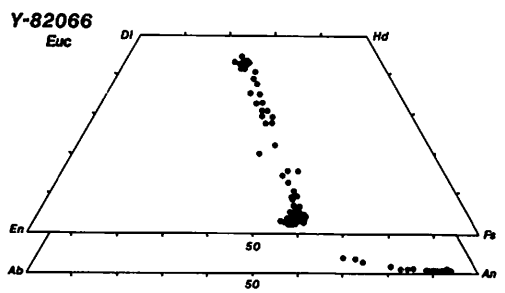
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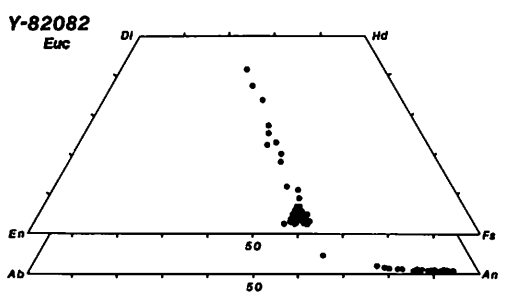
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Euc
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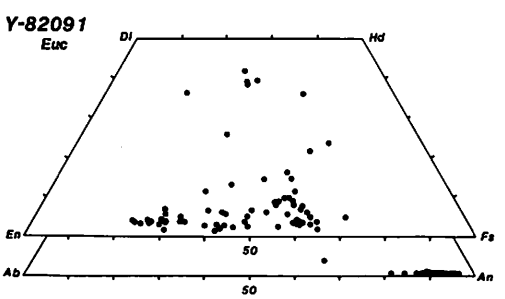
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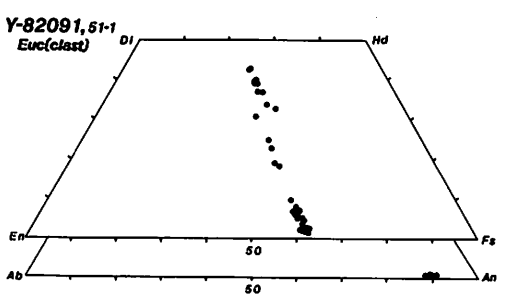
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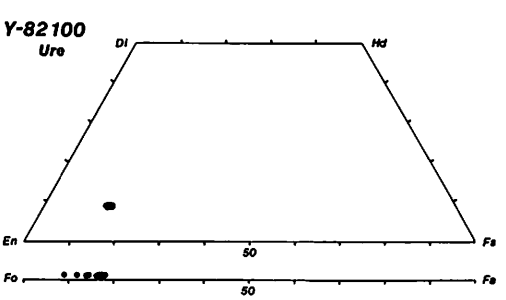
Y-82100
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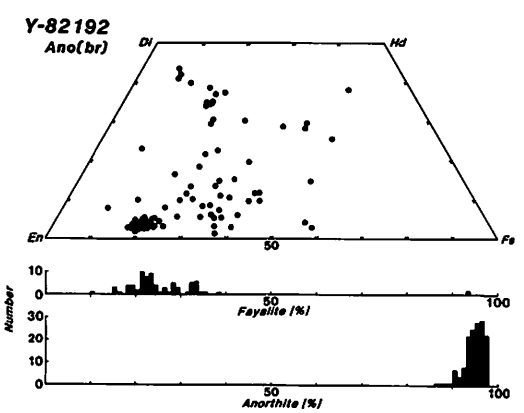
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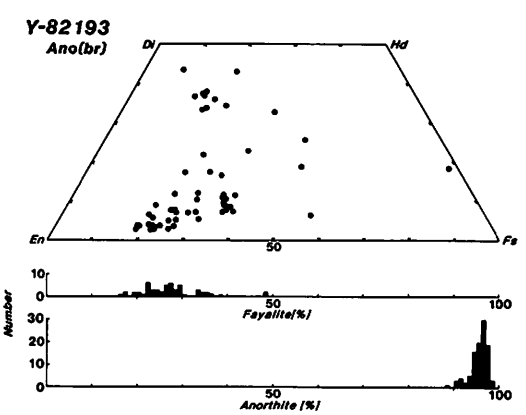
Anorthite [%]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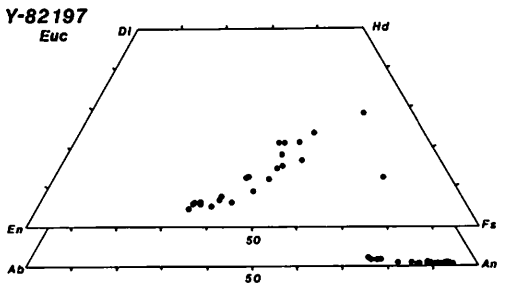
Anorthite [%]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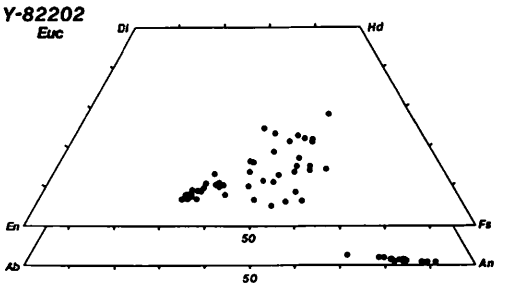
Y-82202
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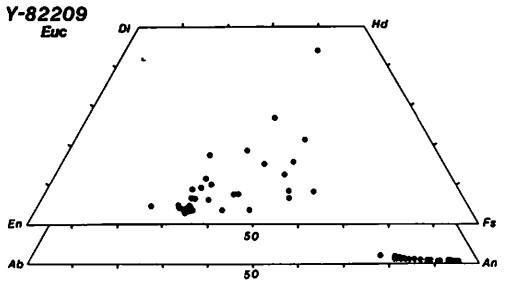
Y-82209
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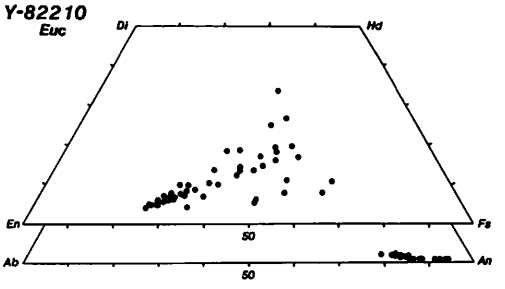
Y-82210
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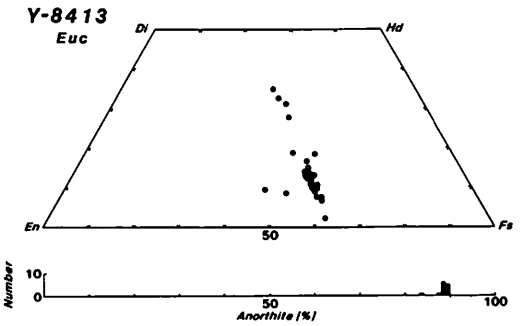
Y-8413
Euc
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Number
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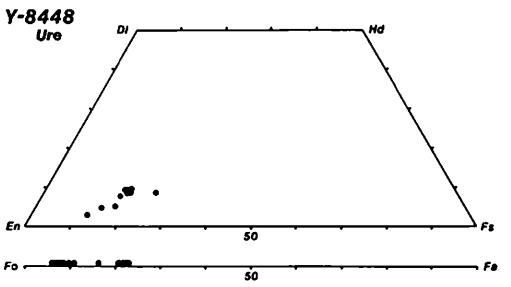
Anorthite (%)


Y-8448
Ure
Di
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En
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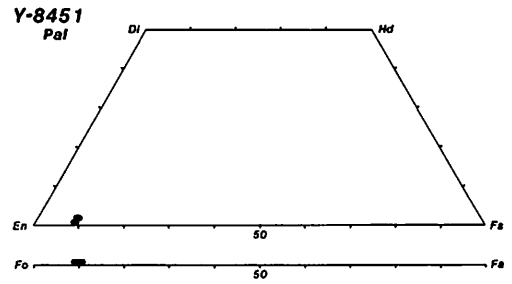
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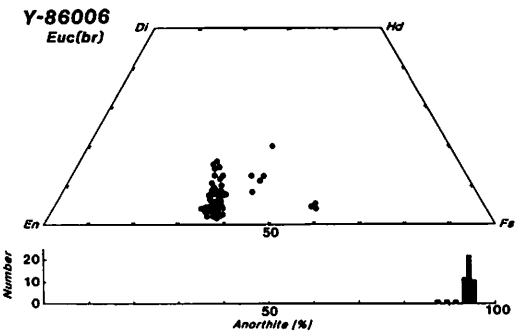
Y-86006
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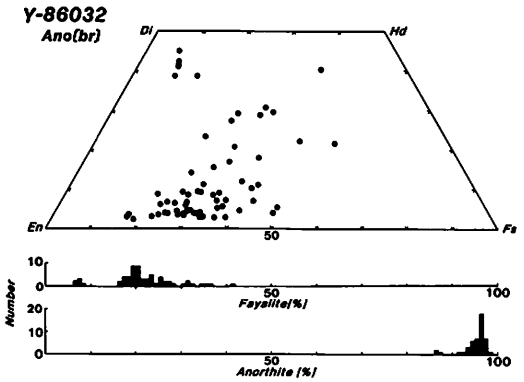
Y-86032
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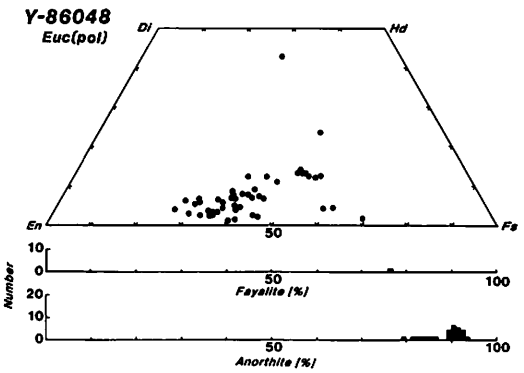
Anorthite [%]


Y-86048
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Number
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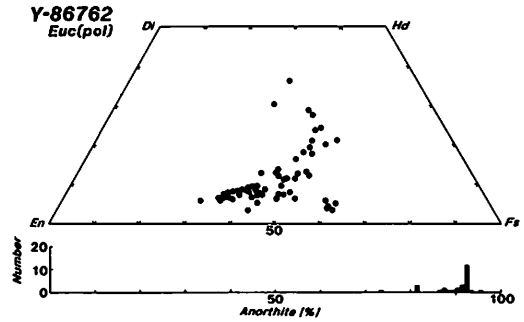
Anorthite [%]


Y-86762
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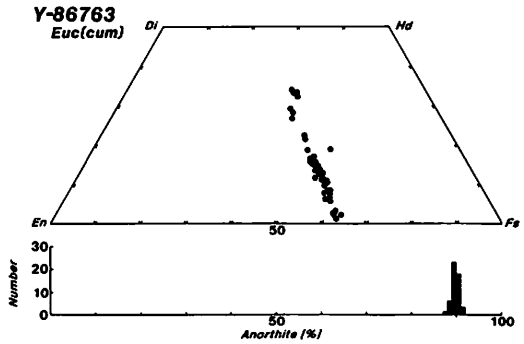
Number
Anorthite [%]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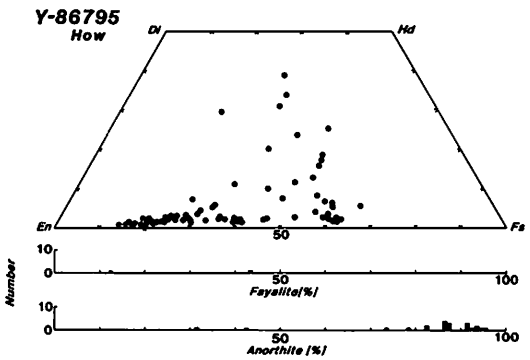
Number
Anorthite [%]


Y-86795
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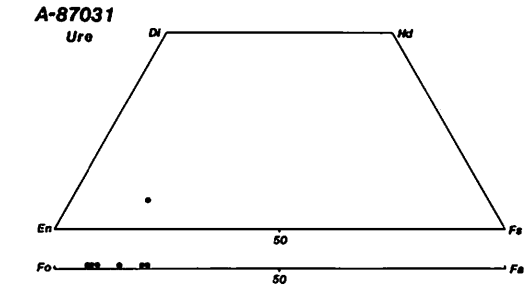
50
Number
Fayalite[%]
Anorthite [%]


A-87031
Ure
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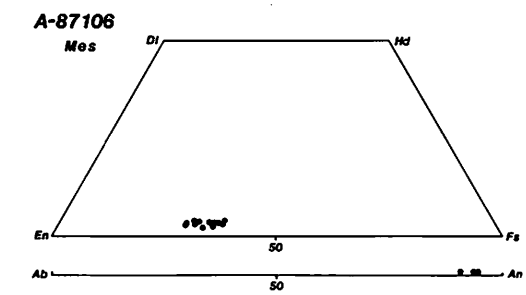
A-87106
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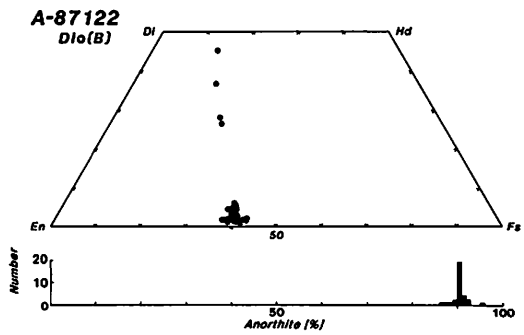
A-87122
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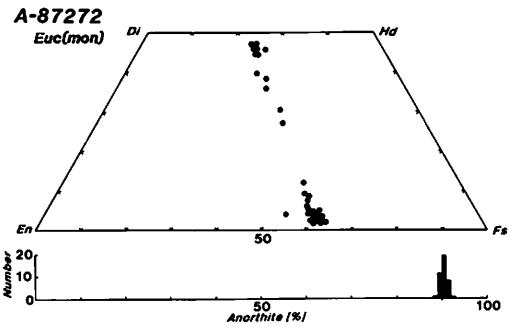
Number
Anorthite [%]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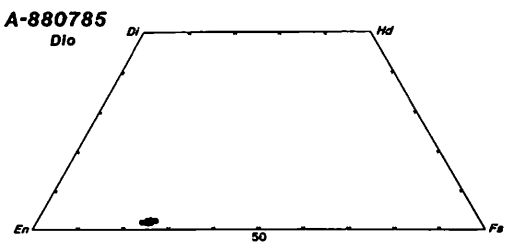
Anorthite (%)


A-880785
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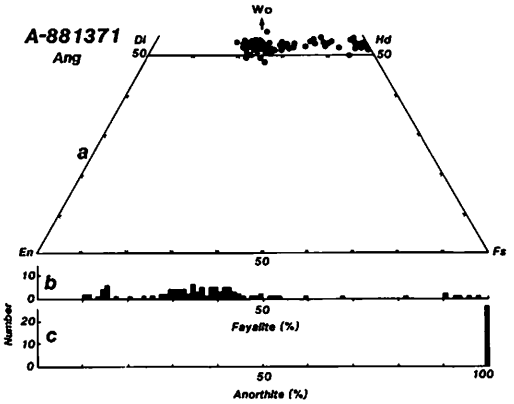
A-881371
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Fayalite (%)
Anorthite (%)
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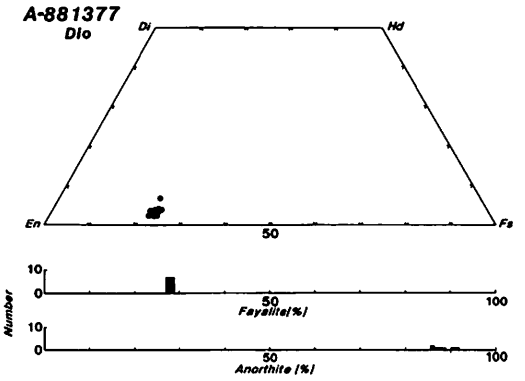
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Dio
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Fs
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Number
Fayalite(%)
Anorthite (%)
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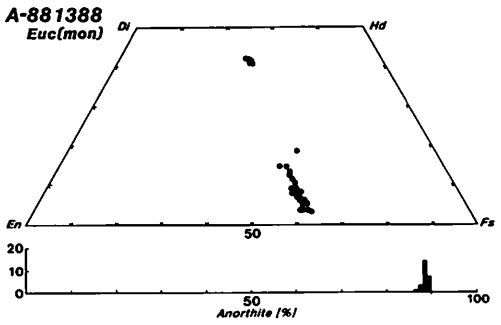
A-881388
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Anorthite (%)
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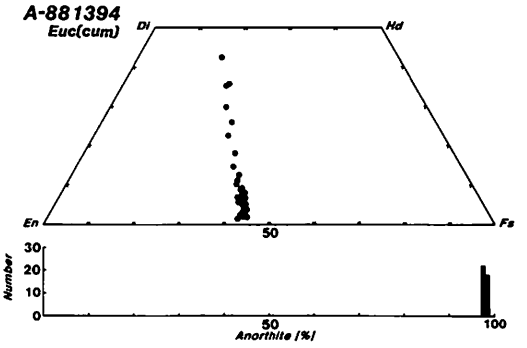
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Euc(cum)
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Anorthite (%)
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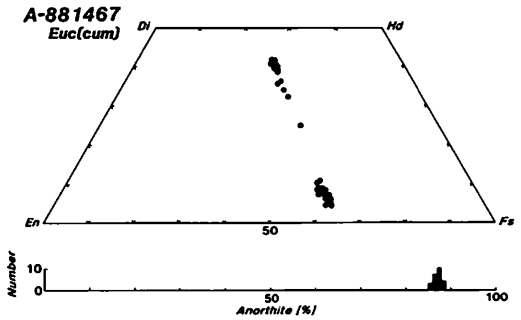
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Euc(cum)
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50
Number
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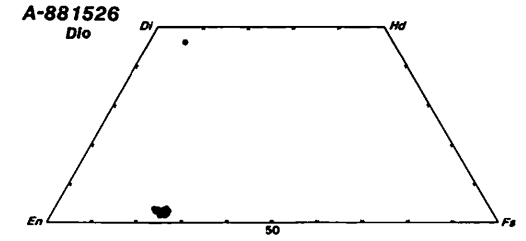
Anorthite (%)
100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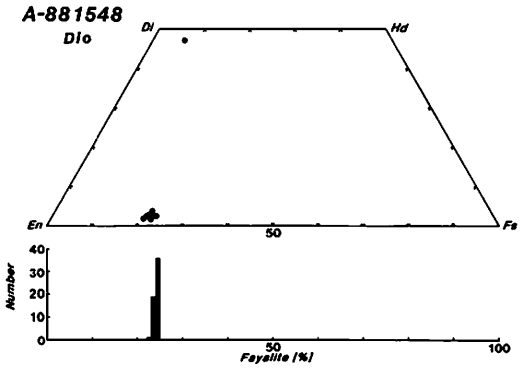
A-881548
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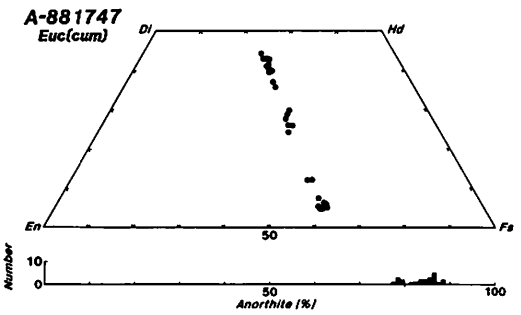
A-881747
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Number
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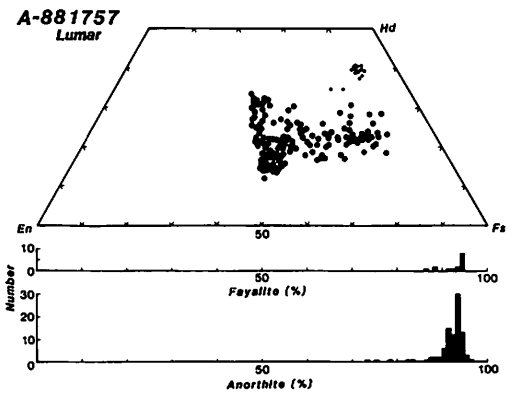
Anorthite [%]


A-881757
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Fayalite (%)
Number
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20
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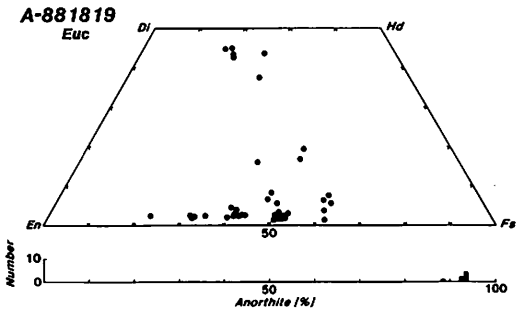
Anorthite (%)


A-881819
Euc
Di
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En
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50
Number
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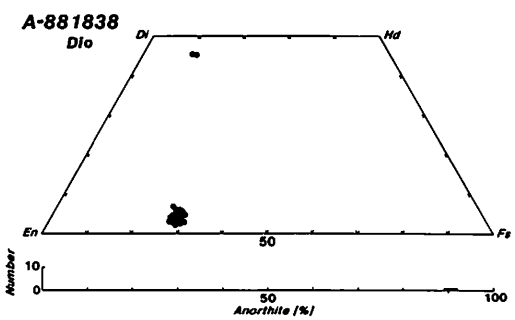
50
100
Anorthite [%]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Dio
Di
Hd
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Fs
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Number
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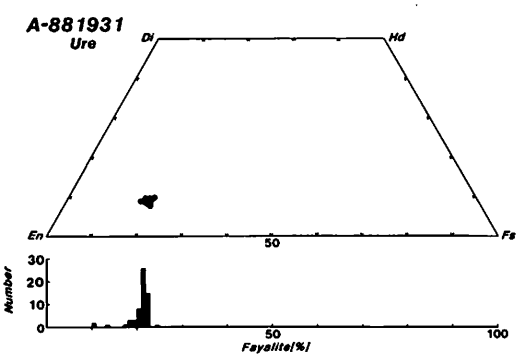
50
100
Anorthite [%]


A-881931
Ure
Di
Hd
En
Fs
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Number
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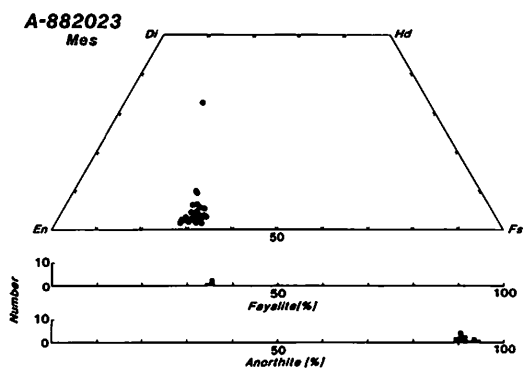
100
Fayalite[%]


A-882023
Mes
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50
Number
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100
Fayalite[%]
10
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100
Anorthite [%]

CHEMICAL COMPOSITIONS OF THE ANTARCTIC METEORITES

class and types: see Table 3

*: analyzed by Ken-ichiro AOKI

**: analyzed by Eugene JAROSEWICH

Y-791824 (CM2) contains 1.22% C and 0.48% CO_2

Y-793321 (CM2) contains 1.35% C and 1.32% CO_2

Name	Y-691 EH3	Y-693 C4	Y-7308 How	Y-74001 H5	Y-74007 L6	Y-74013 Dio(A)	Y-74014 H6	Y-74015 L6
SiO2	36.31	33.71	51.07	36.17	37.89	51.35	36.71	39.71
TiO2	0.08	0.25	0.22	0.11	0.11	0.13	0.15	0.07
Al2O3	2.93	3.12	4.31	1.93	1.91	0.89	2.14	2.43
Fe2O3	0	9.6	0.32	0	0		0	0
FeO	0.96	18.36	16.33	11.61	15.48	16.35	12.33	15.57
MnO	0.24	0.19	0.49	0.26	0.32	0.48	0.30	0.31
MgO	19.59	25.26	21.75	23.38	24.80	26.04	24.39	25.07
CaO	1.29	2.42	3.65	1.64	1.73	1.10	1.61	1.80
Na2O	0.83	0.45	0.12	0.78	0.91	0.04	0.87	0.89
K2O	0.07	0.04	0.02	0.08	0.10	0.02	0.10	0.09
H2O(-)	0.50	0.08	0.00	0.31	0.03	0.00	0.14	0.09
H2O(+)	0.5	0.1	0.39	0.4	0.4	0.4	0.5	0.2
P2O5	0.46	0.28	0.03	0.20	0.20	0.09	0.24	0.26
Cr2O3	0.45	0.52	0.89	0.45	0.50	2.49	0.47	0.56
NiO%,(ppm)						0.0064		
FeS	16.31	4.23	0.59	5.85	6.88	0.82	5.80	5.76
Fe	17.8	0	0	15.05	7.61		12.88	6.23
Ni%,(ppm)	1.71	1.18	0.022	1.58	1.41		1.48	1.15
Co%,(ppm)	0.077	0.045	0.003	0.067	0.052	<0.003	0.057	0.038
S								
Total	100.10	99.83	100.20	99.86	100.33	100.20	100.16	100.22
Total Fe	28.91	23.67	13.28	27.79	24.01	13.23	26.14	21.99

Name	Y-74022 LL5	Y-74024 L3	Y-74035 L6	Y-74038 H5	Y-74054 H4	Y-74063 (G)	Y-74074 H5	Y-74080 L6
SiO2	40.63	39.46	38.01	35.86	36.33	38.98	35.79	39.99
TiO2	0.08	0.09	0.14	0.12	0.09	0.08	0.11	0.06
Al2O3	2.61	1.61	2.67	2.01	2.12	2.96	2.13	2.60
Fe2O3	0	0	0	0	0.69	0.91	0	
FeO	17.24	15.09	14.86	11.01	12.08	9.69	10.51	17.61
MnO	0.32	0.30	0.31	0.27	0.27	0.19	0.28	0.34
MgO	24.86	25.69	24.77	23.45	23.77	27.01	23.37	27.03
CaO	1.77	2.79	1.83	1.65	1.63	2.68	1.63	1.53
Na2O	0.95	0.92	1.06	0.96	0.97	0.83	0.95	0.94
K2O	0.10	0.10	0.11	0.11	0.09	0.07	0.11	0.07
H2O(-)	0.00	0.04	0.04	0.05	0.19	0.04	0.11	0.05
H2O(+)	0.1	0.2	0.2	0.1	0.3	0.3	0.0	0.0
P2O5	0.28	0.23	0.26	0.22	0.22	0.46	0.21	0.31
Cr2O3	0.58	0.49	0.52	0.45	0.46	0.34	0.47	0.52
NiO%,(ppm)								0.46
FeS	5.87	7.84	7.47	5.74	6.21	9.31	5.99	4.35
Fe	3.30	4.44	6.66	16.44	12.98	4.89	16.55	3.29
Ni%,(ppm)	1.12	0.97	1.09	1.60	1.42	0.98	1.59	0.52
Co%,(ppm)	0.033	0.029	0.045	0.086	0.056	0.031	0.088	0.028
S								
Total	99.84	100.28	100.04	100.12	99.87	99.75	99.88	99.69
Total Fe	20.43	21.15	22.96	28.65	26.80	18.97	28.53	19.74

Name	Y-74080	Y-74097	Y-74115	Y-74115	Y-74123	Y-74130	Y-74142	Y-74155
	L6	Dio(A)	H5	H5	Ure	Ure	H3	H4
SiO2	38.46	52.07	34.37	35.60	33.21	42.12	34.07	33.52
TiO2	0.07	0.08	0.15	0.07	0.08	0.12	0.07	0.22
Al2O3	2.08	1.43	2.06	1.70	0.90	0.83	1.31	1.71
Fe2O3	0	3.49		0	3.33	5.09	0	
FeO	15.24	12.30	28.83	10.23	17.34	12.52	12.14	24.91
MnO	0.32	0.48	0.29	0.27	0.37	0.35	0.23	0.28
MgO	25.12	26.29	22.35	22.93	37.29	32.34	23.67	22.73
CaO	1.73	1.12	1.67	1.60	0.55	1.98	3.42	1.57
Na2O	0.84	0.06	0.84	0.72	0.03	0.20	0.71	0.83
K2O	0.09	0.03	0.10	0.08	0.02	0.02	0.07	0.10
H2O(-)	0.06	0.13	0.08	0.08	0.38	0.25	0.06	0.13
H2O(+)	0.0	0.33	0.2	0.3	3.73	3.19	0.3	0
P2O5	0.35	0.05	0.27	0.24	0.61	0.08	0.20	0.28
Cr2O3	0.50	1.08	0.46	0.46	0.73	0.75	0.42	0.44
NiO%,(ppm)					0.18			
FeS	4.88	1.55	5.76	5.62	0.82	0.41	5.46	6.03
Fe	9.09		0.81	18.22			16.01	5.17
Ni%,(ppm)	0.99	0.0040	1.39	1.73		0.12	1.66	1.58
Co%,(ppm)	0.065	0.003	0.04	0.062		0.003	0.076	0.05
S								
Total	99.88	100.49	99.67	99.91	99.57	100.37	99.87	99.55
Total Fe	24.04	12.98	26.88	29.74	16.33	13.55	28.92	28.36

Name	Y-74155	Y-74159	Y-74160	Y-74164	Y-74190	Y-74191	Y-74192	Y-74354
	H4	Euc(pol)	LL7	L6	L6	L3	H5	L6
SiO2	35.44	49.04	44.03	39.07	39.24	40.09	35.62	38.80
TiO2	0.07	1.09	0.14	0.14	0.10	0.24	0.11	0.09
Al2O3	1.61	10.35	2.81	2.29	2.83	2.89	2.87	2.62
Fe2O3	0		0.25	0				
FeO	10.16	19.23	19.05	15.33	14.05	14.68	12.12	15.15
MnO	0.25	0.53	0.35	0.32	0.32	0.35	0.31	0.31
MgO	22.94	8.29	28.21	25.09	25.86	24.89	23.77	25.58
CaO	1.49	9.48	2.3	1.61	1.91	1.79	1.66	1.86
Na2O	0.72	0.58	1.06	0.85	0.97	0.97	0.78	0.94
K2O	0.08	0.07	0.08	0.06	0.12	0.13	0.07	0.12
H2O(-)	0.03	0.00	0.00	0.07	0.00	0.05	0.21	0.10
H2O(+)	0.2	0.32	0.17	0.4	0.1	1.13	0.8	0.2
P2O5	0.28	0.07	0.20	0.14	0.25	0.20	0.23	0.24
Cr2O3	0.43	0.44	0.60	0.50	0.51	0.75	0.53	0.57
NiO%,(ppm)		0.003					0.74	
FeS	6.21	0.15	0.34	6.30	6.13	5.01	5.32	6.11
Fe	18.53			6.49	6.55	5.66	13.60	6.04
Ni%,(ppm)	1.69		0.09	1.24	1.11	0.85	1.10	1.16
Co%,(ppm)	0.078	<0.003	0.003	0.019	0.04	0.032	0.008	0.04
S								
Total	100.20	99.64	99.68	99.91	100.09	99.71	99.84	99.93
Total Fe	30.38	15.05	15.20	22.41	21.36	20.25	26.40	21.70

Name	Y-74356 Euc(mon)	Y-74357 Lod	Y-74362 L6	Y-74370 EH4	Y-74371 H4	Y-74417 L3	Y-74441 L3	Y-74442 LL4
SiO2	47.11	37.66	38.63	34.14	35.70	38.67	38.97	40.47
TiO2	0.66	0.09	0.14	0.12	0.12	0.09	0.13	0.23
Al2O3	10.94	0.20	2.38	2.51	2.08	2.38	2.3	3.63
Fe2O3	1.06	7.55		0		0	4.38	
FeO	20.29	4.00	15.62	3.9	11.35	14.30	13.75	17.89
MnO	0.62	0.37	0.32	0.23	0.27	0.36	0.38	0.35
MgO	8.16	26.98	25.38	18.20	24.03	24.96	25.11	24.95
CaO	9.46	3.65	1.73	1.10	1.52	1.66	1.61	1.98
Na2O	0.36	0.1	0.88	0.74	0.74	0.87	0.79	0.94
K2O	0.04	0.02	0.12	0.09	0.09	0.07	0.06	0.23
H2O(-)	0.03	0.16	0.00	1.05	0.05	0.08	0.41	0.00
H2O(+)	0.59	0.5	0.1	5.9	0.1	0.1	2.3	0.58
P2O5	0.03	0.26	0.25	0.46	0.27	0.11	0.14	0.22
Cr2O3	0.34	0.96	0.43	0.43	0.47	0.52	0.51	0.82
NiO%,(ppm)								
FeS	0.42	1.85	6.03	12.77	5.21	6.77	6.33	4.84
Fe	0	15.15	6.65	16.6	15.93	7.53	2.09	2.48
Ni%,(ppm)	0.0048	0.98	1.08	1.51	1.69	1.26	0.90	0.99
Co%,(ppm)	0.003	0.083	0.04	0.051	0.07	0.043	0.025	0.015
S								
Total	100.11	100.56	99.78	99.80	99.69	99.77	100.18	100.61
Total Fe	16.78	24.72	22.62	27.78	28.06	22.95	19.86	19.46

Name	Y-74450 Euc(pol)	Y-74452 L6	Y-74455 L6	Y-74640 H6	Y-74642 CM2	Y-74646 LL6	Y-74646 LL6	Y-74647 H5
SiO2	49.36	39.91	40.20	33.69	28.53	40.26	40.00	36.62
TiO2	1.04	0.06	0.08	0.06	0.24	0.15	0.15	0.17
Al2O3	10.82	2.12	2.48	2.50	3.58	3.37	2.26	2.19
Fe2O3		0	0		4.26			
FeO	18.26	14.51	15.25	17.26	18.28	19.02	20.05	11.13
MnO	0.51	0.33	0.31	0.30	0.25	0.37	0.33	0.33
MgO	8.06	25.58	25.91	22.54	19.24	25.11	25.71	24.38
CaO	9.52	1.88	1.67	1.43	2.03	1.72	1.82	1.66
Na2O	0.51	0.86	0.87	0.81	0.29	0.97	0.93	0.86
K2O	0.06	0.10	0.07	0.06	0.06	0.13	0.11	0.09
H2O(-)	0.00	0.00	0.00	0.31	1.54	0.00	0.05	0.00
H2O(+)	0.35	0.0	0	2.3	11.82	0.64	0.2	0.0
P2O5	0.10	0.22	0.23	0.27	0.25	0.25	0.24	0.26
Cr2O3	0.33	0.45	0.39	0.49	0.51	0.78	0.56	0.55
NiO%,(ppm)	0.003			0.86				0.430
FeS	0.64	6.46	4.16	5.11	7.60	4.59	5.51	4.87
Fe		6.81	7.11	10.74		1.96	0.9	15.45
Ni%,(ppm)		1.25	1.13	0.70	1.08	1.01	0.96	1.41
Co%,(ppm)	0.003	0.054	0.041	0.078	0.036	0.031	0.03	0.039
S								
Total	99.56	100.59	99.90	99.50	99.59	100.36	99.81	100.43
Total Fe	14.60	22.19	21.60	27.41	22.02	19.66	19.98	27.19

Name	Y-74659 Ure	Y-74660 LL3	Y-74662 CM2	Y-74663 LL6	Y-75011 Euc(pol)	Y-75015 Euc(pol)	Y-75028 H3	Y-75032 Dio(B)
SiO2	42.91	38.52	29.18	40.40	48.25	48.36	36.62	51.92
TiO2	0.14	0.07	0.22	0.06	1.03	0.79	0.16	0.40
Al2O3	1.07	2.61	2.38	2.09	10.87	11.44	2.14	2.28
Fe2O3	1.47	2.09			1.18	3.01		
FeO	8.83	14.65	22.53	19.63	17.77	17.00	17.43	18.85
MnO	0.42	0.33	0.22	0.34	0.54	0.53	0.30	0.55
MgO	38.78	25.28	19.29	26.41	7.55	7.93	23.92	20.99
CaO	1.71	1.84	1.70	1.59	10.21	9.96	1.72	3.31
Na2O	0.07	0.81	0.28	0.94	0.55	0.45	0.85	0.12
K2O	0.02	0.09	0.04	0.07	0.05	0.04	0.10	0.04
H2O(-)	0.17	0.90	1.56	0.00	0.00	0.03	0.13	0.00
H2O(+)	3.65	2.2	13.26	0.0	0.18	0.42	0.4	0.32
P2O5	0.14	0.26	0.23	0.26	0.15	0.09	0.37	0.03
Cr2O3	0.64	0.48	0.52	0.52	0.40	0.39	0.57	0.72
NiO%,(ppm)			0.850	0.52			0.69	0.003
FeS	0.49	7.53	7.38	4.77	1.06		3.02	0.30
Fe		1.39		2.03	0		10.80	
Ni%,(ppm)	0.14	0.65		0.58	0.0038	(60)	1.00	
Co%,(ppm)	0.003	0.029	0.059	0.067	<0.003	(<30)	0.034	0.003
S						0.03		
Total	100.65	99.72	99.69	100.27	99.79	100.47	100.25	99.83
Total Fe	8.20	19.02	22.20	20.32	15.31	15.32	26.27	14.84

Name	Y-75097 L6	Y-75097 Incl	Y-75102 L6	Y-75110 L6	Y-75258 LL3	Y-75274 Lod	MBR-a H4	MBR-b H5-6
SiO2	39.71	39.13	39.33	39.34	38.74	24.06	33.76	35.06
TiO2	0.21	0.09	0.07	0.06	0.18	0.02	0.09	0.08
Al2O3	2.60	2.49	2.61	2.77	2.03	0.18	1.68	1.66
Fe2O3		1.26	0	0		2.82	0.41	1.21
FeO	15.77	19.41	14.01	13.99	25.38	2.36	11.14	11.37
MnO	0.34	0.38	0.34	0.36	0.36	0.21	0.39	0.32
MgO	26.03	33.96	25.37	25.62	25.05	27.03	22.30	24.20
CaO	1.82	0.65	1.63	1.61	1.79	0.45	1.67	1.53
Na2O	0.95	1.00	0.92	0.92	0.93	0.14	0.62	0.64
K2O	0.08	0.05	0.07	0.08	0.08	0.02	0.07	0.08
H2O(-)	0.02	0.00	0.03	0	0.00	0.0	0.18	0.00
H2O(+)	0.0	0.09	0	0	0.2	0.5	0.3	0.1
P2O5	0.26	0.36	0.32	0.28	0.34	0.27	0.28	0.03
Cr2O3	0.58	0.97	0.53	0.61	0.57	0.12	0.40	0.44
NiO%,(ppm)	0.590				1.23			
FeS	5.94		6.12	6.11	3.75	1.14	5.66	5.27
Fe	4.88		7.39	7.09		39.39	19.04	16.09
Ni%,(ppm)	0.73	(236)	1.12	1.05		1.84	1.62	1.62
Co%,(ppm)	0.008	(<30)	0.042	0.042	0.024	0.136	0.101	0.035
S								
Total	100.51	99.84	99.90	99.93	100.65	100.68	99.71	99.73
Total Fe	20.91	15.97	22.17	21.84	22.11	43.91	31.59	29.13

Name	ALH-761 L6	ALH-761 L6	ALH-763 L6	ALH-764 LL3	ALH-765 Euc(pol)	ALH-766 H6	ALH-767 L6	ALH-768 H6
SiO2	38.91	37.87	39.48	38.98	48.21	34.60	39.19	35.20
TiO2	0.09	0.09	0.09	0.08	0.78	0.08	0.08	0.08
Al2O3	2.66	2.50	2.04	2.28	12.02	1.98	2.10	1.81
Fe2O3	0.0	0.0	0	0		0.97	0	0.0
FeO	16.12	16.27	15.29	16.73	18.89	9.58	15.68	13.04
MnO	0.36	0.35	0.39	0.34	0.52	0.35	0.40	0.30
MgO	25.76	24.67	25.71	26.13	7.66	23.85	26.19	23.56
CaO	2.39	2.40	1.72	1.79	9.08	1.46	1.65	1.75
Na2O	0.96	0.98	0.83	0.91	0.56	0.68	0.83	0.80
K2O	0.11	0.11	0.09	0.11	0.06	0.07	0.09	0.09
H2O(-)	0.12	0.13	0.14	0.13	0.27	0.00	0.05	0.17
H2O(+)	0.2	0.4	0	0.3	1.1	0.1	0	0.3
P2O5	0.24	0.22	0.30	0.17	0.10	0.21	0.33	0.27
Cr2O3	0.49	0.50	0.54	0.52	0.40	0.43	0.49	0.48
NiO%,(ppm)					0.011			
FeS	5.27	5.89	7.04	7.51	0.17	7.89	6.25	5.33
Fe	5.64	6.77	5.64	2.99		15.99	5.51	15.45
Ni%,(ppm)	1.21	1.29	1.12	0.76		1.60	1.20	1.64
Co%,(ppm)	0.042	0.053	0.021	0.028	(<30)	0.045	0.025	0.048
S								
Total	100.57	100.49	100.44	99.75	99.83	99.88	100.06	100.31
Total Fe	21.52	23.16	21.99	20.76	14.79	29.13	21.67	28.98

Name	ALH-768 H6	ALH-769 L6	ALH-77002 L5	ALH-77003 CO3	ALH-77005 She	ALH-77014 H5	ALH-77015 L3	ALH-77156 EH4
SiO2	34.67	37.63	37.65	34.09	43.02	34.91	36.26	33.24
TiO2	0.12	0.05	0.10	0.13	0.36	0.09	0.13	0.18
Al2O3	2.32	2.70	2.61	2.81	2.54	2.13	3.95	2.98
Fe2O3	10.17	0.0	8.89	0	0.38	4.85		0
FeO	9.96	16.40	12.59	20.42	18.97	8.08	21.07	3.81
MnO	0.29	0.16	0.36	0.21	0.45	0.34	0.30	0.26
MgO	23.21	26.03	24.23	23.99	29.69	23.41	24.29	18.52
CaO	1.70	1.91	1.74	2.23	2.84	1.54	1.62	0.89
Na2O	0.78	0.89	0.76	0.58	0.37	0.72	0.88	0.76
K2O	0.08	0.09	0.09	0.06	0.03	0.08	0.12	0.09
H2O(-)	0.58	0.13	0.06	0.35	0.00	0.14	0.70	0.65
H2O(+)	1.9	0.1	2.8	1.6	0.28	1.1	3.64	5.7
P2O5	0.23	0.29	0.26	0.26	0.39	0.12	0.25	0.24
Cr2O3	0.50	0.30	0.50	0.50	1.00	0.48	0.53	0.37
NiO%,(ppm)								
FeS	4.58	6.63	5.06	4.79	0.25	7.68	5.27	14.04
Fe	7.44	5.72	1.64	6.60		12.90		16.5
Ni%,(ppm)	1.41	0.70	0.89	1.23	0.024	1.55	0.90	1.46
Co%,(ppm)	0.021	0.019	0.036	0.057		0.068	0.023	0.062
S								
Total	99.96	99.74	100.26	99.90	100.59	100.18	99.93	99.75
Total Fe	25.15	22.64	20.86	25.51	15.18	27.45	19.73	28.38

Name	ALH-77177	ALH-77182	ALH-77183	ALH-77190	ALH-77191	ALH-77208	ALH-77214	ALH-77216
	H5	H4	H6	H4	H4	H4	L3	L3
SiO2	35.14	35.16	34.85	36.99	34.45	35.71	38.56	37.64
TiO2	0.07	0.08	0.07	0.08	0.08	0.09	0.10	0.08
Al2O3	2.38	2.61	2.53	2.25	2.45	2.12	2.67	2.57
Fe2O3	5.67	6.98	9.34	4.79	6.52	3.85	3.72	0.69
FeO	8.06	12.36	7.86	9.66	7.10	9.67	14.60	13.23
MnO	0.33	0.36	0.35	0.37	0.35	0.37	0.39	0.39
MgO	22.96	23.45	23.49	24.49	23.13	24.06	24.85	25.04
CaO	1.55	1.54	1.64	1.84	1.62	1.78	1.64	1.69
Na2O	0.72	0.84	0.76	0.80	0.72	0.76	0.74	0.71
K2O	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08
H2O(-)	0.22	0.15	0.25	0.27	0.20	0.21	0.28	0.29
H2O(+)	1.1	2.1	1.7	1.5	1.1	0.8	1.2	0.3
P2O5	0.13	0.11	0.09	0.07	0.07	0.05	0.06	0.06
Cr2O3	0.46	0.46	0.42	0.48	0.43	0.45	0.48	0.47
NiO%,(ppm)								
FeS	5.81	5.07	5.59	5.80	6.01	6.06	6.09	7.82
Fe	13.85	7.32	9.41	9.44	13.89	12.25	3.13	8.21
Ni%,(ppm)	1.62	1.27	1.43	1.56	1.55	1.54	1.13	1.28
Co%,(ppm)	0.07	0.029	0.032	0.033	0.082	0.072	0.051	0.036
S								
Total	100.22	99.97	99.89	100.50	99.83	99.92	99.77	100.58
Total Fe	27.78	25.03	25.60	23.98	27.79	29.91	26.64	23.94

Name	ALH-77219	ALH-77221	ALH-77225	ALH-77256	ALH-77257	ALH-77278	ALH-77299	ALH-77302
	Mes	H4	H4	Dio	Ure	LL3	H3	Euc(pol)
SiO2	33.09	37.69	35.44	49.03	40.04	40.22	35.46	48.25
TiO2	0.09	0.08	0.08	0.26	0.06	0.10	0.09	0.72
Al2O3	4.34	1.99	1.79	1.59	0.20	2.60	2.30	10.81
Fe2O3	8.83	3.15	1.01	0.60	0.68	0	4.05	2.19
FeO	9.01	10.28	12.49	16.69	10.97	16.79	11.93	17.71
MnO	0.32	0.39	0.35	0.45	0.39	0.37	0.26	0.53
MgO	13.02	25.22	24.40	27.66	42.05	25.71	22.87	8.71
CaO	3.24	1.67	1.58	1.29	0.85	1.85	1.56	9.06
Na2O	0.12	0.81	0.69	0.05	0.02	1.03	0.86	0.40
K2O	0.02	0.08	0.08	0.02	0.02	0.11	0.10	0.03
H2O(-)	0.59	0.28	0.33	0.10	0.02	0.11	0.41	0.15
H2O(+)	1.9	0.8	0.4	0.95	2.1	1.0	1.7	0.99
P2O5	0.27	0.05	0.06	0.21	0.06	0.21	0.19	0.12
Cr2O3	0.59	0.46	0.48	0.76	0.72	0.56	0.46	0.45
NiO%,(ppm)								
FeS		4.62	7.11	0.62		5.16	5.06	
Fe	21.96	11.22	12.33		2.18	2.98	10.99	
Ni%,(ppm)	2.34	1.25	1.55		(776)	1.04	1.38	(46)
Co%,(ppm)	0.058	0.039	0.041		(32)	0.030	0.080	(<30)
S	0.24				0.12			0.05
Total	100.02	100.07	100.21	100.28	100.48	99.87	99.75	100.17
Total Fe	35.14	24.35	27.27	13.78	11.19	19.31	23.47	15.30

Name	ALH-77304	ALH-77307	ALH-78015	ALH-78019	ALH-78039	ALH-78040	ALH-78041	ALH-78084
	LL3	CO3	LL3	Ure	L6	Euc(pol)	L3	H3
SiO2	39.54	29.83	36.54	34.37	38.92	48.35	37.09	35.82
TiO2	0.12	0.07	0.11	0.08	0.10	0.82	0.11	0.09
Al2O3	2.40	2.06	2.53	0.19	2.11	12.73	2.07	2.45
Fe2O3		17.94	9.93	2.57	0	0.32	3.95	4.55
FeO	20.66	9.38	10.23	17.66	16.53	18.42	16.50	12.24
MnO	0.34	0.20	0.30	0.4	0.39	0.52	0.37	0.28
MgO	24.27	21.32	24.42	35.8	25.25	7.50	24.00	23.74
CaO	1.68	1.89	1.71	0.99	1.75	10.28	1.87	1.50
Na2O	1.03	0.17	0.87	0.14	0.72	0.46	0.64	0.74
K2O	0.13	<0.02	0.12	0.05	0.08	0.06	0.08	0.07
H2O(-)		3.61	0.49	0.14	0.00	0.10	0.68	0.11
H2O(+)		6.1	3.0	4.1	0	0.49	2.3	1.1
P2O5	0.22	0.30	0.12	0.08	0.04	0.08	0.04	0.31
Cr2O3	0.56	0.47	0.56	0.67	0.46	0.35	0.47	0.40
NiO%,(ppm)								
FeS	6.11	5.42	6.73	1.76	5.86		5.79	4.76
Fe	1.79	0.00	1.69	0.61	6.48	0	2.47	10.19
Ni%,(ppm)	0.93	1.11	1.02	0.18	1.25	(72)	1.17	1.46
Co%,(ppm)	0.04	0.043	0.014	<0.003	0.049	(<30)	0.038	0.082
S						0.1		
Total	99.82	99.93	100.38	99.79	99.98	100.58	99.63	99.89
Total Fe	21.73 *	23.23	20.87	17.25	23.05	14.54	21.74	25.90

Name	ALH-78105	ALH-78106	ALH-78113	ALH-78132	BTN-78002	MET-78005	MET-78008	Y-790006
	L6	L6	Aub	Euc(pol)	L6	L6	Ure	Euc(pol)
SiO2	39.17	38.56	57.16	47.67	39.53	39.49	38.34	48.72
TiO2	0.08	0.08	<0.02	0.62	0.10	0.10	0.14	0.83
Al2O3	2.57	2.24	0.18	12.40	2.07	2.08	0.77	11.45
Fe2O3	0	0	0	0	0.51	0.55	3.52	0.67
FeO	15.11	14.81	0.97	17.93	16.52	16.45	13.88	18.36
MnO	0.36	0.37	0.17	0.49	0.38	0.39	0.39	0.54
MgO	25.42	25.31	39.25	8.80	25.29	25.39	33.86	8.10
CaO	1.89	1.70	0.62	9.09	1.81	1.92	3.15	10.08
Na2O	0.80	0.76	0.15	0.43	0.79	0.79	0.20	0.51
K2O	0.09	0.08	<0.02	0.05	0.10	0.10	<0.02	0.06
H2O(-)	0.02	0.00	0.00	0.20	0	0.02	0.20	0
H2O(+)	0	0	0.69	1.38	0.2	0.3	2.3	0.4
P2O5	0.16	0.11	trace	0.23	0.06	0.08	0.23	0.21
Cr2O3	0.45	0.46	0.06	0.44	0.48	0.49	0.61	0.40
NiO%,(ppm)								(76)
FeS	6.08	7.24	0.77		5.39	4.93	0.50	
Fe	6.63	7.32	0		5.41	5.92	2.06	
Ni%,(ppm)	1.16	1.20	0.06	0.0053	1.19	1.11	0.25	
Co%,(ppm)	0.052	0.056	<0.003	0.003	0.029	0.024	0.041	(<30)
S								
Total	100.04	100.29	100.11	99.73	99.85	100.13	100.46	100.33
Total Fe	22.24	23.43	1.24	13.94	22.03	22.22	15.63	14.74

Name	Y-790007 Euc(pol)	Y-790010 H4	Y-790020 Euc(pol)	Y-790032 CM2	Y-790043 H4	Y-790043 H4	Y-790112 CR2	Y-790113 Euc(pol)
SiO2	48.43	33.83	48.66	26.43	34.93	43.54	31.87	48.45
TiO2	1.00	0.10	0.83	0.13	0.08	0.09	0.11	0.90
Al2O3	11.16	2.56	11.44	2.44	3.15	4.43	1.86	11.83
Fe2O3	0.87		1.72	17.51	4.54	0	6.88	<0.03
FeO	16.24	5.32	17.68	5.30	12.15	12.93	23.48	18.62
MnO	0.54	0.28	0.55	0.26	0.36	0.44	0.25	0.54
MgO	8.13	21.75	7.99	19.74	23.67	30.70	23.17	7.83
CaO	10.14	1.43	10.22	1.89	1.56	1.99	2.11	10.06
Na2O	0.51	0.90	0.46	0.25	0.75	1.03	0.28	0.46
K2O	0.07	0.11	0.05	0.03	0.10	0.19	0.04	0.06
H2O(-)	0.13		0.03	4.69	0.34	0.00	1.00	0.15
H2O(+)	0.5		0.47	11.52	1.7	0.0	3.8	0.71
P2O5	0.20	0.23	0.17	0.43	0.23	0.29	0.16	0.12
Cr2O3	0.39	0.51	0.37	0.44	0.33	0.35	0.52	0.40
NiO%,(ppm)	(203)		(66)				1.77	
FeS	2.18	5.04		7.69	4.91	0.77	3.23	
Fe		18.58		0	9.80	2.72		
Ni%,(ppm)		1.58		0.92	1.27	0.37		(28)
Co%,(ppm)	(<30)		(<30)	0.054	0.056	0.026	0.046	(<30)
S								0.12
Total	100.49	92.22	100.64	99.72	99.92	99.86	100.57	100.28
Total Fe	14.61	25.91 *	14.94	21.26	26.35	13.26	25.11	14.49

Name	Y-790116 L6	Y-790117 L5	Y-790122 Euc(pol)	Y-790130 H5	Y-790144 LL7	Y-790178 L6	Y-790199 H	Y-790247 L5
SiO2	37.00	39.17	47.39	34.09	39.52	37.54	37.45	39.49
TiO2	0.08	0.08	1.00	0.07	0.10	0.11	0.11	0.09
Al2O3	2.27	2.54	10.59	3.09	2.27	2.63	2.91	2.07
Fe2O3	0.2	0	1.77	3.49		4.16	0	
FeO	13.98	14.48	15.84	10.03	17.25	15.13	10.41	14.66
MnO	0.27	0.29	0.54	0.24	0.34	0.31	0.29	0.34
MgO	24.77	25.96	7.81	23.40	24.66	24.32	24.76	24.97
CaO	1.60	1.81	9.99	1.44	1.67	1.67	1.80	1.64
Na2O	0.86	0.90	0.46	0.65	1.09	0.87	0.87	0.99
K2O	0.09	0.10	0.07	0.06	0.13	0.11	0.10	0.14
H2O(-)	0.00	0.00	0.55	0.31		0.28	0.00	
H2O(+)	0.0	0.0	2.1	1.3		1.6	0.0	
P2O5	0.31	0.26	0.17	0.18	0.24	0.22	0.31	0.22
Cr2O3	0.38	0.42	0.37	0.34	0.54	0.45	0.42	0.59
NiO%,(ppm)			(137)					
FeS	7.46	6.66	1.86	6.15	6.44	6.25	6.41	6.06
Fe	9.90	6.83		13.39	2.73	3.34	13.28	5.41
Ni%,(ppm)	0.93	0.97		1.55	0.91	1.03	1.38	1.06
Co%,(ppm)	0.061	0.049	(<30)	0.065		0.033	0.047	
S								
Total	100.16	100.51	100.51	99.84	97.89	100.05	100.54	97.73
Total Fe	25.65	22.32	14.73	29.77	20.23 *	21.98	25.44	20.66 *

Name	Y-790250	Y-790253	Y-790256	Y-790260	Y-790266	Y-790269	Y-790271	Y-790272
	LL	L6	LL6	Euc(pol)	Euc(mon)	H4	H4	H4
SiO2	39.88	39.77	39.57	48.24	48.06	35.73	34.83	35.25
TiO2	0.10	0.11	0.14	0.86	0.98	0.10	0.09	0.09
Al2O3	2.73	1.77	2.52	13.72	11.51	2.16	2.21	2.71
Fe2O3		0.17	0.0				5.75	3.76
FeO	18.42	16.05	20.19	17.56	19.15	8.30	7.71	9.66
MnO	0.35	0.33	0.35	0.51	0.55	0.31	0.28	0.28
MgO	25.72	26.01	25.55	7.36	7.53	22.92	22.71	23.01
CaO	1.62	1.96	1.96	10.37	9.39	1.59	1.53	1.67
Na2O	0.98	0.95	0.89	0.50	0.61	0.88	0.67	0.67
K2O	0.11	0.11	0.10	0.06	0.09	0.12	0.07	0.07
H2O(-)		0.18	0.24	0.07	0.05		0.32	0.24
H2O(+)		0.3	0.1	0.23	1.07		1.3	1.4
P2O5	0.24	0.28	0.23	0.07	0.11	0.21	0.28	0.23
Cr2O3	0.54	0.43	0.55	0.37	0.41	0.55	0.36	0.36
NiO%,(ppm)				0.0038	0.0066			
FeS	6.88	5.21	5.04	0.51	0.32	5.48	6.92	6.93
Fe	1.11	5.36	1.65			15.81	13.86	12.68
Ni%,(ppm)	1.08	0.99	0.80			1.41	1.27	1.52
Co%,(ppm)		0.040	0.023	(<30)	(<30)		0.075	0.076
S								
Total	99.76	100.02	99.90	100.43	99.83	95.57	100.23	100.60
Total Fe	19.80 *	21.27	20.54	13.97	15.09	26.10 *	28.27	27.22

Name	Y-790337	Y-790345	Y-790397	Y-790406	Y-790446	Y-790448	Y-790453	Y-790461
	H4	LL	LL	LL6	L6,7	LL3	L5	H3,4
SiO2	35.64	39.35	39.73	40.34	40.48	38.74	38.74	33.86
TiO2	0.09	0.23	0.12	0.11	0.10	0.15	0.08	0.09
Al2O3	2.31	1.86	2.04	2.89	2.13	2.93	2.47	1.84
Fe2O3	0.82					1.36	1.22	3.06
FeO	10.94	20.06	19.42	18.34	14.03	16.68	14.42	10.93
MnO	0.26	0.32	0.35	0.36	0.34	0.33	0.32	0.25
MgO	23.70	25.54	25.38	25.03	25.08	25.00	24.96	22.87
CaO	1.43	1.85	1.68	1.71	1.88	1.82	1.71	1.57
Na2O	0.66	0.96	1.00	1.10	1.11	0.85	0.83	0.66
K2O	0.08	0.09	0.11	0.11	0.14	0.12	0.09	0.07
H2O(-)	0.00	0.10				0.73	0.00	0.26
H2O(+)	0.2					2.63	0.1	1.1
P2O5	0.28	0.28	0.25	0.24	0.27	0.21	0.35	0.31
Cr2O3	0.38	0.59	0.58	0.57	0.57	0.56	0.41	0.36
NiO%,(ppm)		0.99				0.98		
FeS	5.61	6.77	5.68	5.65	5.62	5.87	6.41	6.47
Fe	16.41	1.24	0.78	1.58	5.69	1.33	6.85	14.54
Ni%,(ppm)	1.67	0.27	0.91	0.95	1.19	0.13	1.35	1.44
Co%,(ppm)	0.055	0.012				0.017	0.041	0.102
S								
Total	100.53	100.51	98.03	98.98	98.63	100.43	100.35	99.78
Total Fe	29.04	21.13	19.49 *	19.43 *	20.17 *	18.98	22.98	29.28

Name	Y-790462	Y-790463	Y-790489	Y-790499	Y-790502	Y-790519	Y-790519	Y-790520
	L6	H5	L	L6	H4	LL	LL	LL6
SiO2	39.58	35.35	38.56	38.30	35.73	39.16	39.55	39.65
TiO2	0.13	0.09	0.12	0.08	0.10	0.15	0.16	0.09
Al2O3	2.22	2.63	2.98	2.36	2.78	2.13	2.29	2.01
Fe2O3		0.45	0	3.1	4.17			0.52
FeO	12.58	10.81	16.88	12.10	9.51	20.72	19.85	17.96
MnO	0.33	0.27	0.32	0.26	0.26	0.34	0.35	0.34
MgO	24.68	23.51	25.55	25.18	23.51	25.41	25.92	26.27
CaO	1.77	1.44	1.69	1.72	1.67	1.87	1.83	1.75
Na2O	0.98	0.68	0.91	0.79	0.81	0.89	0.89	0.75
K2O	0.13	0.08	0.06	0.10	0.09	0.12	0.11	0.12
H2O(-)		0.00	0.02	0.14	0.16	0.0	0.0	0.00
H2O(+)		0.2	0.0	0.2	1.5	0.0	0.0	1.0
P2O5	0.26	0.26	0.41	0.28	0.28	0.19	0.20	0.28
Cr2O3	0.55	0.37	0.48	0.33	0.39	0.57	0.60	0.46
NiO%,(ppm)								
FeS	6.03	5.90	7.85	8.03	5.01	3.91	5.81	6.23
Fe	8.04	16.10	2.96	5.51	12.61	3.86	1.40	1.52
Ni%,(ppm)	1.41	1.79	1.02	1.20	1.33	1.03	0.90	0.83
Co%,(ppm)		0.060	0.049	0.039	0.063	(210)	(310)	0.050
S								
Total	98.69	99.99	99.85	99.71	99.97	100.35	99.86	99.83
Total Fe	21.65 *	28.56	21.07	22.19	26.10	22.45	20.52	19.80

Name	Y-790521	Y-790522	Y-790523	Y-790524	Y-790525	Y-790526	Y-790527	Y-790528
	LL	LL4	LL4	LL5	LL4	LL4	LL5	LL6
SiO2	38.86	40.03	40.35	39.32	39.94	39.38	40.22	38.19
TiO2	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.13
Al2O3	2.90	2.30	3.17	3.27	2.93	3.34	2.44	2.85
Fe2O3	4.22	0	0	0	0	0	0.97	3.38
FeO	15.70	19.29	18.72	17.50	18.19	18.51	14.61	15.47
MnO	0.27	0.26	0.22	0.21	0.20	0.20	0.30	0.38
MgO	25.85	26.58	27.00	25.92	26.48	26.07	26.62	24.04
CaO	1.75	1.65	1.83	1.82	1.80	1.79	1.98	2.00
Na2O	0.90	0.86	0.94	0.92	0.91	0.92	0.88	0.99
K2O	0.09	0.09	0.14	0.11	0.12	0.09	0.20	0.07
H2O(-)	0.14	0.11	0.04	0.00	0.09	0.09	0.00	0.14
H2O(+)	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.2
P2O5	0.26	0.23	0.14	0.12	0.17	0.13	0.13	0.50
Cr2O3	0.41	0.44	0.35	0.35	0.30	0.29	0.46	0.44
NiO%,(ppm)								
FeS	5.82	5.30	4.92	8.06	6.27	6.31	6.41	7.80
Fe	1.52	2.06	1.35	1.60	1.78	1.19	4.43	2.10
Ni%,(ppm)	0.81	0.87	0.55	0.73	0.86	0.85	1.04	0.98
Co%,(ppm)	0.034	0.045	0.036	0.038	0.028	0.030	0.029	0.051
S								
Total	99.83	100.20	99.84	100.05	100.15	99.78	100.81	99.71
Total Fe	20.37	20.42	19.03	20.32	19.90	19.59	20.54	21.44

Name	Y-790529	Y-790530	Y-790532	Y-790574	Y-790723	Y-790727	Y-790728	Y-790729
	LL5	LL5	LL5	LL5	L5	How	LL	L6
SiO2	39.51	39.43	39.86	38.57	39.51	48.79	40.09	37.70
TiO2	0.10	0.10	0.11	0.13	0.09	0.38	0.09	0.10
Al2O3	2.63	2.30	2.92	2.31	2.45	7.66	2.00	2.33
Fe2O3	0	0	0.53			2.87	0	0.32
FeO	19.73	13.75	17.81	19.70	13.39	13.69	20.78	14.45
MnO	0.29	0.30	0.32	0.33	0.33	0.49	0.35	0.31
MgO	25.76	25.53	25.89	25.52	24.32	17.65	26.54	25.07
CaO	1.71	1.96	2.04	1.63	1.73	5.76	1.69	1.75
Na2O	0.91	0.85	1.07	1.03	1.04	0.21	0.88	1.01
K2O	0.10	0.06	0.12	0.07	0.11	0.02	0.11	0.11
H2O(-)	0.09	0.05	0.20	0.10		0.27	0.33	0.04
H2O(+)	0.3	0.3	0.3			0.85	1.1	0.1
P2O5	0.31	0.12	0.29	0.26	0.26	0.15	0.23	0.23
Cr2O3	0.43	0.47	0.47	0.60	0.57	0.75	0.46	0.50
NiO%,(ppm)				0.77		0.0239		
FeS	5.12	8.89	7.00	6.31	7.24	0.77	4.98	8.24
Fe	1.87	4.53	0.60	2.02	5.51		0.00	6.97
Ni%,(ppm)	0.85	1.06	0.80	0.55	1.23		0.59	1.22
Co%,(ppm)	0.037	0.031	0.034	0.021		(<30)	0.016	0.066
S								
Total	99.74	99.73	100.36	99.92	97.78	100.33	100.23	100.51
Total Fe	20.46	20.87	19.26	21.34	20.52 *	13.14	19.31	23.65

Name	Y-790734	Y-790738	Y-790740	Y-790746	Y-790746	Y-790747	Y-790748	Y-790749
	L6	L6	L5	H	H	H3	H6	H4
SiO2	36.13	38.21	39.53	37.85	35.41	33.24	36.95	36.71
TiO2	0.07	0.11	0.07	0.10	0.09	0.08	0.10	0.10
Al2O3	2.64	2.76	2.59	2.10	1.88	3.18	3.56	2.12
Fe2O3	2.65	1.25	0.0		0.49	8.52	0.0	
FeO	12.45	14.35	13.37	15.58	11.99	9.46	10.34	12.10
MnO	0.20	0.31	0.18	0.31	0.27	0.20	0.22	0.32
MgO	23.74	25.66	25.79	25.05	23.53	24.12	24.82	24.00
CaO	1.66	1.95	1.78	1.74	1.63	1.45	1.80	1.67
Na2O	0.77	1.03	0.87	0.94	0.85	0.76	0.94	0.90
K2O	0.08	0.12	0.09	0.12	0.14	0.10	0.11	0.13
H2O(-)	0.08	0.06	0.06	0.00	0.00	0.34	0.00	
H2O(+)	0.4	0.2	0.0	0.0	0.43	2.1	0.0	
P2O5	0.29	0.18	0.46	0.10	0.22	0.28	0.27	0.31
Cr2O3	0.20	0.43	0.44	0.52	0.47	0.26	0.26	0.58
NiO%,(ppm)				0.4	0.27			
FeS	6.86	7.66	5.72	3.91	5.32	5.98	4.44	5.73
Fe	10.25	5.08	7.60	10.26	15.29	8.29	14.66	13.7
Ni%,(ppm)	1.29	1.09	1.09	1.05	1.49	1.38	1.32	1.81
Co%,(ppm)	0.073	0.061	0.032	0.046	0.060	0.041	0.037	
S								
Total	99.83	100.51	99.67	100.07	99.83	99.78	99.82	100.18
Total Fe	26.14	21.97	21.62	24.85	28.33	25.40	25.52	26.75 *

Name	Y-790752	Y-790756	Y-790757	Y-790760	Y-790767	Y-790781	Y-790782	Y-790783
	LL6	H4	LL	H4	L5	H4	LL6	LL6
SiO2	37.84	34.82	39.56	33.80	40.68	35.20	38.50	39.59
TiO2	0.09	0.09	0.15	0.08	0.09	0.08	0.12	0.10
Al2O3	2.52	1.96	2.96	2.80	2.81	2.01	3.18	2.69
Fe2O3	0	1.94	0	2.64	0	2.3	5.65	0
FeO	18.45	9.33	17.37	9.50	15.63	9.56	14.33	19.41
MnO	0.31	0.28	0.36	0.19	0.33	0.26	0.34	0.29
MgO	24.60	23.10	26.33	23.05	26.79	23.27	24.84	25.81
CaO	2.15	1.57	1.79	1.73	2.25	1.69	1.71	1.81
Na2O	0.93	0.74	0.87	0.77	0.92	0.77	0.89	0.87
K2O	0.10	0.09	0.09	0.08	0.10	0.08	0.11	0.11
H2O(-)	0.23	0.03	0.11	0.30	0.00	0.22	0.25	0.13
H2O(+)	0.0	0.3	0.1	1.0	0.0	0.3	1.1	0.2
P2O5	0.26	0.29	0.45	0.14	0.18	0.15	0.29	0.30
Cr2O3	0.45	0.38	0.47	0.24	0.40	0.38	0.45	0.42
NiO%,(ppm)								
FeS	7.91	6.31	5.97	5.50	4.73	7.42	5.14	5.17
Fe	3.52	17.18	2.76	17.22	4.34	15.05	1.90	2.03
Ni%,(ppm)	1.14	1.29	0.99	1.10	1.03	1.67	0.88	0.85
Co%,(ppm)	0.091	0.127	0.054	0.067	0.042	0.086	0.058	0.045
S								
Total	100.59	99.82	100.38	100.20	100.32	100.49	99.73	99.82
Total Fe	22.89	29.80	20.05	29.94	19.49	28.80	20.25	20.40

Name	Y-790784	Y-790785	Y-790946	Y-790947	Y-790957	Y-790959	Y-790964	Y-790981
	LL6	LL6	L6	L6	L5,6	L6	LL	Ure
SiO2	35.05	40.01	38.11	38.76	38.84	39.00	39.57	36.60
TiO2	0.07	0.08	0.11	0.08	0.09	0.16	0.11	0.11
Al2O3	2.87	2.83	2.77	3.30	2.83	2.62	2.81	0.52
Fe2O3	0	0.45		2.27		2.6		3.12
FeO	16.92	18.90	17.55	14.38	16.59	14.43	19.85	15.13
MnO	0.31	0.34	0.35	0.22	0.33	0.39	0.36	0.35
MgO	22.57	26.15	24.19	25.79	23.02	25.86	26.15	34.47
CaO	1.53	1.85	1.64	1.94	1.79	1.84	1.98	0.99
Na2O	0.94	1.00	1.08	0.92	1.08	0.89	0.96	0.07
K2O	0.10	0.10	0.13	0.09	0.07	0.09	0.11	0.02
H2O(-)	0.00	0.00		0.02		0.06	0.05	0.30
H2O(+)	0.0	0.0		0.6		0.2	0.2	5.41
P2O5	0.25	0.11	0.27	0.09	0.24	0.45	0.21	0.09
Cr2O3	0.30	0.33	0.56	0.28	0.57	0.43	0.57	0.59
NiO%,(ppm)								
FeS	10.83	5.19	6.00	6.25	7.24	4.95	5.84	1.95
Fe	7.50	2.03	5.64	4.30	5.78	4.89	0.37	0.21
Ni%,(ppm)	1.28	0.82	1.18	0.82	1.37	1.11	0.71	0.21
Co%,(ppm)	0.057	0.034		0.036		0.072	0.024	(90)
S								
Total	100.57	100.22	99.58	100.14	99.84	100.04	99.87	100.14
Total Fe	27.53	20.33	23.09 *	21.04	23.28 *	21.07	19.51	15.39

Name	Y-790982 LL6	Y-790985 H4	Y-790986 H3	Y-790987 H4	Y-790991 How	Y-790992 CO3	Y-790997 H5	Y-791000 Dio(B)
SiO2	40.3	34.87	35.76	35.32	49.54	31.24	33.77	51.50
TiO2	0.08	0.08	0.10	0.06	0.36	0.18	0.11	0.30
Al2O3	2.43	2.45	2.28	2.77	7.05	4.05	2.20	1.59
Fe2O3	0	3.16		4.57	1.76	3.26	12.23	1.5
FeO	20.83	8.60	6.51	10.42	15.54	24.57	8.51	18.32
MnO	0.33	0.30	0.27	0.26	0.51	0.16	0.27	0.64
MgO	25.01	22.55	23.60	23.99	16.63	23.93	22.25	21.40
CaO	1.97	1.48	1.57	1.75	5.59	1.79	1.71	3.26
Na2O	1.09	0.82	0.84	0.78	0.17	0.40	0.82	0.07
K2O	0.10	0.08	0.11	0.09	0.04	0.04	0.11	0.03
H2O(-)	0.20	0.12		0.55	0.20	1.42	0.67	0.03
H2O(+)	0.2	1.1		1.2	0.73	2.6	2.9	1.2
P2O5	0.19	0.26	0.24	0.38	0.11	0.22	0.25	0.08
Cr2O3	0.57	0.27	0.55	0.26	0.76	0.52	0.51	0.70
NiO%,(ppm)						1.65		(35)
FeS	6.43	7.95	4.66	5.03	1.09	4.12	5.26	
Fe	0	14.38	19.46	11.66	0		6.91	
Ni%,(ppm)	0.65	1.22	1.71	0.94	0.032		1.35	
Co%,(ppm)	0.023	0.063		0.047	0.003	0.048	0.031	(<30)
S								
Total	100.40	99.75	97.66	100.07	100.11	100.19	99.86	100.62
Total Fe	20.27	28.32	27.48 *	26.16	14.00	24.00	25.41	15.29

Name	Y-791007 H5	Y-791008 L6	Y-791020 H4,5	Y-791022 L6	Y-791024 H4	Y-791025 H4,5	Y-791027 H5	Y-791028 H5
SiO2	33.72	40.51	35.58	37.59	34.61	35.55	34.38	34.86
TiO2	0.11	0.11	0.09	0.09	0.08	0.06	0.06	0.08
Al2O3	2.30	1.93	1.79	2.34	1.77	2.62	2.29	1.85
Fe2O3	11.77	0.69	3.45	0.49	2.44	1.8	6.97	2.74
FeO	7.61	14.64	11.20	15.28	13.24	10.22	9.76	11.63
MnO	0.26	0.36	0.33	0.37	0.31	0.27	0.24	0.31
MgO	22.69	25.99	23.11	25.12	23.88	24.34	22.65	23.36
CaO	1.59	1.65	1.55	1.54	1.42	1.82	1.63	1.47
Na2O	0.75	0.94	0.67	0.70	0.62	0.78	0.78	0.62
K2O	0.09	0.09	0.08	0.08	0.08	0.08	0.09	0.08
H2O(-)	0.58	0.04	0.37	0.02	0.10	0.05	0.06	0.27
H2O(+)	1.7	0.2	1	0.3	1.4	0.3	2.0	1.2
P2O5	0.22	0.21	0.10	0.08	0.29	0.32	0.33	0.32
Cr2O3	0.50	0.53	0.47	0.47	0.39	0.28	0.49	0.40
NiO%,(ppm)								
FeS	5.15	4.64	5.70	8.13	3.85	5.91	6.66	3.74
Fe	8.94	6.36	12.64	5.75	14.44	14.86	10.02	15.41
Ni%,(ppm)	1.45	1.27	1.58	1.42	1.69	1.09	1.39	1.62
Co%,(ppm)	0.070	0.030	0.052	0.032	0.042	0.051	0.044	0.066
S								
Total	99.50	100.19	99.76	99.80	100.65	100.40	99.84	100.02
Total Fe	26.36	21.17	27.38	23.13	28.89	27.81	26.79	28.75

Name	Y-791034	Y-791036	Y-791038	Y-791047	Y-791067	Y-791069	Y-791080	Y-791087
	L5,6	H4,5	H3	H4,5	LL	H5,6	L6	H3
SiO2	37.60	34.78	32.71	35.74	40.07	34.16	39.29	33.70
TiO2	0.11	0.06	0.08	0.08	0.11	0.09	0.09	0.10
Al2O3	3.35	2.73	2.63	2.05	1.71	2.37	1.92	2.74
Fe2O3	2.94	1.37	5.14	2.89	0.23	8.58	1.03	6.7
FeO	15.20	9.72	11.07	12.53	20.38	11.94	15.39	10.50
MnO	0.23	0.25	0.22	0.33	0.35	0.37	0.33	0.23
MgO	25.56	23.37	23.56	23.04	25.72	23.81	25.38	22.84
CaO	1.58	1.68	1.49	1.54	1.89	1.81	1.90	1.26
Na2O	0.89	0.73	0.72	0.63	0.93	0.65	0.94	0.74
K2O	0.07	0.05	0.08	0.10	0.10	0.08	0.12	0.07
H2O(-)	0.12	0.00	0.41	0.44	0.07	0.63	0.16	0.62
H2O(+)	1.7	0.2	1.9	1.8	0.8	2	0.3	2.2
P2O5	0.22	0.31	0.17	0.39	0.30	0.09	0.27	0.21
Cr2O3	0.44	0.25	0.27	0.43	0.54	0.49	0.55	0.33
NiO%,(ppm)	0.77							0.74
FeS	5.90	6.13	6.04	4.92	5.68	5.40	6.16	4.64
Fe	3.50	16.89	12.19	11.48	0.25	5.89	5.62	11.18
Ni%,(ppm)	0.44	1.37	1.45	1.56	0.94	1.44	1.11	0.92
Co%,(ppm)	0.033	0.056	0.050	0.039	0.039	0.04	0.052	0.062
S								
Total	100.65	99.94	100.18	99.98	100.10	99.84	100.61	99.78
Total Fe	21.12	28.95	28.22	24.55	19.86	24.60	22.21	26.98

Name	Y-791088	Y-791106	Y-791108	Y-791143	Y-791144	Y-791186	Y-791192	Y-791194
	H6	H6	LL5,6	H4	H4	Euc(mon)	Euc(pol)	Dio
SiO2	36.40	34.49	39.26	36.42	34.31	48.14	47.92	51.00
TiO2	0.10	0.10	0.11	0.13	0.07	0.90	0.18	0.13
Al2O3	2.68	1.87	2.93	1.50	2.02	11.24	10.86	2.77
Fe2O3	0	4.82	0	1.59	7.32	1.35	0.16	5.47
FeO	12.59	12.10	20.54	10.87	9.07	16.92	17.30	13.43
MnO	0.17	0.35	0.32	0.30	0.34	0.55	0.44	0.52
MgO	24.42	23.40	26.02	23.84	23.07	7.96	13.56	22.84
CaO	1.86	1.57	1.95	1.80	1.61	9.79	8.26	2.79
Na2O	0.78	0.64	0.93	0.74	0.67	0.49	0.26	0.08
K2O	0.08	0.08	0.11	0.08	0.08	0.08	0.03	0.02
H2O(-)	0.04	0.29	0.21	0.13	0.30	0.30	0.00	0.03
H2O(+)	0.1	1.7	0.1	0.4	1.5	1.19	0.7	0.2
P2O5	0.07	0.08	0.17	0.24	0.05	0.10	0.09	0.19
Cr2O3	0.37	0.50	0.42	0.49	0.33	0.44	0.37	0.56
NiO%,(ppm)								
FeS	6.02	5.82	5.03	5.63	6.17	1.04	0.49	0.52
Fe	13.70	10.27	0.73	14.66	11.61			n.d.
Ni%,(ppm)	0.96	1.67	0.82	1.68	1.49	(44)	(21)	(84)
Co%,(ppm)	0.024	0.041	0.03	0.066	0.046	(<30)	(<30)	(<30)
S								
Total	100.36	99.79	99.68	100.56	100.05	100.49	100.62	100.55
Total Fe	27.31	26.75	19.90	27.80	27.70	14.75	13.87	14.28

Name	Y-791195 Euc(cum)	Y-791195 Euc(cum)	Y-791197 Ano(Br)	Y-791198 CM2	Y-791199 Dio(B)	Y-791200 Dio(B)	Y-791206 How	Y-791208 How
SiO2	48.83	48.86	43.14	28.41	51.41	51.30	49.99	49.38
TiO2	0.12	0.10	0.35	0.12	0.18	0.3	0.62	0.26
Al2O3	13.18	13.85	26.01	2.62	1.45	2.84	6.05	6.38
Fe2O3	0.85	0.0	0.04	12.67	1.65	0	2.86	2.32
FeO	17.01	17.68	7.02	9.24	18.05	18.48	15.23	14.75
MnO	0.53	0.28	0.08	0.27	0.64	0.58	0.51	0.49
MgO	7.61	7.87	6.22	19.52	21.93	21.81	16.83	18.32
CaO	10.48	10.52	15.33	1.65	2.97	3.25	5.79	4.89
Na2O	0.38	0.41	0.33	0.15	0.10	0.13	0.25	0.18
K2O	0.04	0.05	0.02	0.03	0.04	0.04	0.14	0.02
H2O(-)	0.03	0.00	0.10	2.85	0.00	0	0.31	0.32
H2O(+)	1.06	0.2	0.48	12.81	0.66	0.41	0.39	1.58
P2O5	0.05	0.23	0.31	0.26	0.08	0.15	0.07	0.07
Cr2O3	0.35	0.10	0.13	0.42	0.80	0.65	0.81	0.85
NiO%,(ppm)								
FeS				8.03	0.67	0.52		0.30
Fe						0		
Ni%,(ppm)	(14)	(21)	0.018	0.72	(52)	0.0072	(82)	(400)
Co%,(ppm)	(<30)	(<20)	<0.003	0.045	(<30)	0.003	(<30)	(<30)
S	0.04	0.45	0.41				0.50	
Total	100.56	100.60	99.98	99.81	100.63	100.46	100.35	100.11
Total Fe	13.81	13.74	5.49	21.14	15.61	14.69	13.84	13.28

Name	Y-791209 H5	Y-791210 H4,5	Y-791211 H4,5	Y-791312 H4,5	Y-791313 H5	Y-791314 H4	Y-791315 H4	Y-791316 L6
SiO2	33.93	34.27	34.55	35.70	34.68	34.52	34.27	37.27
TiO2	0.08	0.07	0.09	0.09	0.08	0.09	0.11	0.10
Al2O3	2.34	1.74	2.20	2.52	3.09	2.47	2.24	2.42
Fe2O3	10.36	3.18	3.16	0.0	6.56	4.7	0.28	6.77
FeO	8.76	11.92	12.81	12.08	6.82	7.22	12.78	11.33
MnO	0.36	0.36	0.27	0.31	0.27	0.28	0.26	0.29
MgO	22.84	23.40	24.23	23.48	23.42	22.74	23.35	24.72
CaO	1.63	1.58	1.75	1.63	1.53	1.52	1.51	1.73
Na2O	0.66	0.67	0.71	0.71	0.78	0.80	0.43	0.73
K2O	0.08	0.08	0.09	0.08	0.09	0.09	0.05	0.09
H2O(-)	0.59	0.45	0.19	0.18	0.33	0.28	0.27	0.26
H2O(+)	2.1	1.1	0.6	0.3	1.3	1.2	1.1	0.9
P2O5	0.04	0.05	0.18	0.20	0.43	0.38	0.24	0.18
Cr2O3	0.31	0.29	0.34	0.41	0.41	0.39	0.46	0.35
NiO%,(ppm)								
FeS	6.07	6.98	5.44	5.30	6.66	6.78	5.53	7.49
Fe	8.16	12.06	12.01	15.61	12.21	14.75	15.91	3.93
Ni%,(ppm)	1.80	1.63	1.24	1.90	1.49	1.45	1.45	1.11
Co%,(ppm)	0.039	0.045	0.052	0.084	0.072	0.085	0.067	0.048
S								
Total	100.14	99.87	99.91	100.58	100.22	99.74	100.30	99.71
Total Fe	26.08	27.98	27.64	28.37	26.33	27.96	29.55	22.23

Name	Y-791317	Y-791318	Y-791319	Y-791320	Y-791322	Y-791323	Y-791324	Y-791406
	L6	H	L	H6	L6	H5	LL3	H4
SiO2	38.89	34.39	38.94	34.19	37.72	33.18	38.47	35.83
TiO2	0.07	0.06	0.09	0.08	0.09	0.10	0.09	0.06
Al2O3	2.24	2.33	3.06	2.44	2.28	2.67	3.43	2.04
Fe2O3	1.73	6.37	0	9.62	0	11.01	0	0
FeO	14.55	5.93	12.72	9.22	15.61	7.63	16.97	11.09
MnO	0.43	0.37	0.42	0.32	0.36	0.33	0.23	0.25
MgO	25.84	23.31	25.74	22.98	25.06	22.68	26.13	23.69
CaO	1.97	1.72	1.88	1.63	1.85	1.51	1.87	1.62
Na2O	0.89	0.72	0.75	0.70	0.79	0.65	0.87	0.71
K2O	0.09	0.06	0.08	0.08	0.08	0.08	0.07	0.08
H2O(-)	0.04	0.13	0.00	0.72	0.00	0.65	0.49	0.22
H2O(+)	0.1	0.8	0.0	2.3	0.0	1.6	1.6	0.2
P2O5	0.34	0.31	0.28	0.30	0.28	0.30	0.38	0.23
Cr2O3	0.44	0.42	0.39	0.39	0.36	0.37	0.28	0.45
NiO%,(ppm)								
FeS	6.37	9.44	9.11	5.88	7.40	4.72	7.37	5.58
Fe	5.67	13.24	5.77	8.44	7.35	11.30	0.91	16.60
Ni%,(ppm)	0.87	1.02	0.97	1.16	1.18	1.28	1.05	1.54
Co%,(ppm)	0.036	0.052	0.035	0.059	0.066	0.071	0.029	0.058
S								
Total	100.56	100.67	100.23	100.50	100.47	100.13	100.23	100.24
Total Fe	22.24	28.31	21.45	26.08	24.18	27.93	18.78	28.76

Name	Y-791413	Y-791421	Y-791422	Y-791427	Y-791428	Y-791429	Y-791431	Y-791434
	L6	L5-6	Dio(B)	H5	H3	L3	L6	H4
SiO2	36.07	38.96	51.62	36.12	34.72	39.23	38.98	35.20
TiO2	0.08	0.07	0.26	0.06	0.06	0.11	0.09	0.08
Al2O3	2.00	2.63	2.99	1.74	1.79	2.57	2.11	1.80
Fe2O3	2.16	3.27	0.26	0.16	7.18	0	0	2.45
FeO	15.02	12.23	18.31	10.47	8.59	16.12	15.27	11.38
MnO	0.34	0.28	0.56	0.25	0.25	0.35	0.39	0.26
MgO	23.87	25.30	21.05	23.61	23.18	26.22	25.40	23.41
CaO	1.67	1.77	3.51	1.49	1.37	1.82	1.84	1.72
Na2O	0.84	0.95	0.21	0.75	0.72	0.97	0.89	0.76
K2O	0.09	0.09	0.03	0.09	0.08	0.11	0.09	0.07
H2O(-)	0.19	0.09	0.03	0.09	0.77	0.00	0.00	0.22
H2O(+)	0.6	0.7	0.3	0.1	1.5	0.0	0.0	0.8
P2O5	0.30	0.51	0.03	0.20	0.24	0.31	0.29	0.40
Cr2O3	0.37	0.38	0.63	0.44	5.42	0.38	0.39	0.34
NiO%,(ppm)					0.46			
FeS	6.53	7.79	0.56	5.90		5.43	7.12	3.90
Fe	8.63	4.21	0	16.70	11.84	6.08	6.65	15.93
Ni%,(ppm)	1.22	0.88	0.02	1.98	1.64	0.82	0.90	1.07
Co%,(ppm)	0.077	0.041	0.003	0.060	0.054	0.037	0.057	0.057
S								
Total	100.05	100.15	100.37	100.21	99.86	100.55	100.46	99.84
Total Fe	25.97	20.96	14.77	28.70	26.98	22.06	23.04	31.30

Name	Y-791440	Y-791441	Y-791442	Y-791444	Y-791449	Y-791450	Y-791452	Y-791453
	L6	L6	L6	H4	L6	L6	L5	H4
SiO2	39.08	38.83	38.41	36.29	39.88	38.14	38.85	35.28
TiO2	0.06	0.05	0.07	0.05	0.09	0.08	0.09	0.07
Al2O3	2.18	1.88	2.60	1.6	2.04	1.93	2.23	2.01
Fe2O3	0	0	0	0	1.72	0	2.29	0.1
FeO	14.76	14.96	14.51	9.94	15.62	14.38	15.50	9.73
MnO	0.32	0.33	0.33	0.23	0.31	0.29	0.27	0.27
MgO	24.95	25.63	25.33	22.38	25.70	24.74	25.48	23.68
CaO	1.72	1.84	1.86	1.52	1.86	1.78	1.99	1.63
Na2O	0.93	1.09	0.95	0.74	0.88	0.95	0.93	0.73
K2O	0.08	0.10	0.09	0.07	0.07	0.09	0.09	0.07
H2O(-)	0.03	0.00	0.00	0.08	0.11	0.03	0.09	0.08
H2O(+)	0	0	0	0.1	0.4	0.0	1.0	0.2
P2O5	0.23	0.33	0.29	0.24	0.39	0.24	0.39	0.30
Cr2O3	6.07	0.49	0.52	0.39	0.38	0.51	0.34	0.31
NiO%,(ppm)	0.46							
FeS		6.75	6.45	5.75	6.16	6.63	5.09	6.45
Fe	7.74	7.19	7.43	18.78	3.13	8.59	4.69	17.51
Ni%,(ppm)	1.26	1.08	1.14	1.72	1.03	1.49	0.98	1.22
Co%,(ppm)	0.033	0.036	0.039	0.070	0.027	0.050	0.043	0.076
S								
Total	99.90	100.58	100.01	99.95	99.79	99.92	100.34	99.71
Total Fe	23.06	23.11	22.81	30.16	20.65	23.98	21.57	29.24

Name	Y-791471	Y-791477	Y-791482	Y-791486	Y-791486	Y-791492	Y-791493	Y-791500
	L5	H4,5	H4	L6	L6	How	Lod	H3,4
SiO2	37.44	35.83	34.37	38.22	38.61	49.56	34.90	34.42
TiO2	0.09	0.07	0.08	0.07	0.07	0.34	0.05	0.05
Al2O3	2.54	2.75	3.16	2.91	2.56	6.51	0.90	1.55
Fe2O3	5.26	3.16	8.31	0	4.15	5.35	6.02	1.47
FeO	13.40	8.83	7.84	15.28	15.27	11.85	6.12	9.32
MnO	0.27	0.30	0.16	0.30	0.32	0.53	0.42	0.25
MgO	25.00	23.92	23.69	25.11	24.85	17.55	29.53	22.84
CaO	1.87	1.95	1.65	1.70	1.57	5.74	1.54	1.37
Na2O	0.94	0.84	0.73	0.76	0.72	0.21	0.21	0.73
K2O	0.09	0.08	0.08	0.08	0.07	0.03	0.02	0.08
H2O(-)	0.18	0.24	0.41	0.44	0.45	0.20	0.04	0.02
H2O(+)	1.1	0.7	1.5	0.8	1.5	0.93	1.1	0.3
P2O5	0.40	0.34	0.30	0.28	0.26	0.07	0.49	0.25
Cr2O3	0.37	0.27	0.33	0.36	0.50	0.80	0.81	0.42
NiO%,(ppm)							14.28	
FeS	6.39	6.85	5.74	6.49	5.73	0.82	2.10	5.78
Fe	3.80	12.36	10.63	5.7	2.05			19.68
Ni%,(ppm)	1.01	1.17	1.25	1.37	1.04	(188)	1.13	1.61
Co%,(ppm)	0.040	0.049	0.040	0.035	0.024	(<30)	0.060	0.063
S								
Total	100.19	99.70	100.27	99.90	99.74	100.49	99.72	100.20
Total Fe	21.96	25.78	26.18	21.70	20.46	13.47	24.58	31.62

Name	Y-791501	Y-791502	Y-791536	Y-791538	Y-791539	Y-791545	Y-791556	Y-791558
	H4	H3,4	LL6	Ure	LL	L4	H5	LL3
SiO2	35.02	33.48	40.61	43.46	39.53	37.72	35.25	38.89
TiO2	0.07	0.06	0.08	0.08	0.07	0.07	0.07	0.09
Al2O3	2.81	2.65	2.41	1.09	3.50	2.28	2.18	2.47
Fe2O3	2.43	0	0.42	2.04	0	0	5.07	0
FeO	10.14	10.93	19.86	7.31	18.49	15.47	12.41	18.65
MnO	0.31	0.27	0.34	0.39	0.20	0.32	0.31	0.38
MgO	23.80	23.30	26.72	38.24	26.06	24.81	23.55	25.16
CaO	1.62	1.54	1.80	1.88	2.07	1.80	1.56	1.91
Na2O	0.82	0.75	0.93	0.10	0.98	0.91	0.84	0.89
K2O	0.08	0.07	0.09	0.04	0.13	0.10	0.08	0.08
H2O(-)	0.24	0.00	0.08	0.25	0.04	0.04	0.30	0.00
H2O(+)	0.9	0.0	0.3	4.21	0.1	0.0	1.7	1.5
P2O5	0.34	0.32	0.30	0.15	0.07	0.36	0.37	0.33
Cr2O3	0.26	0.25	0.50	0.64	0.40	0.42	0.42	0.46
NiO%,(ppm)								
FeS	7.40	8.50	4.64	0.51	7.33	5.63	5.69	7.72
Fe	12.17	17.09	0.23		0.58	8.84	8.85	0.38
Ni%,(ppm)	1.30	1.28	0.95	(1180)	0.59	0.95	1.16	0.80
Co%,(ppm)	0.051	0.059	0.027	(96)	0.018	0.030	0.032	0.027
S								
Total	99.76	100.54	100.28	100.39	100.15	99.75	99.84	99.73
Total Fe	26.45	30.99	18.90	7.43	19.61	24.44	25.65	19.78

Name	Y-791563	Y-791566	Y-791573	Y-791574	Y-791577	Y-791586	Y-791591	Y-791597
	H4	L6	How	L6	L6	L6	L6	H6
SiO2	31.57	38.91	49.66	38.01	39.02	38.41	39.37	35.05
TiO2	0.07	0.07	0.42	0.08	0.1	0.07	0.11	0.08
Al2O3	3.02	1.99	7.06	2.05	2.16	1.89	1.75	2.10
Fe2O3	6.85	0	4.62	4.5	0	0	0	6
FeO	5.59	15.35	11.87	12.93	14.66	15.38	14.47	9.63
MnO	0.16	0.33	0.53	0.34	0.32	0.34	0.33	0.33
MgO	21.63	25.06	17.68	25.34	24.83	25.68	25.11	23.87
CaO	1.52	1.71	5.68	1.84	1.67	1.78	1.65	1.60
Na2O	0.69	0.84	0.21	0.93	0.92	0.95	0.96	0.83
K2O	0.07	0.10	0.02	0.09	0.09	0.09	0.09	0.08
H2O(-)	0.26	0.04	0.13	0.17	0.03	0.00	0.00	0.29
H2O(+)	1.0	0.3	0.56	0.6	0.0	0.0	0.0	0.8
P2O5	0.22	0.20	0.17	0.38	0.24	0.35	0.24	0.38
Cr2O3	0.31	0.51	0.79	0.35	0.49	0.35	0.48	0.36
NiO%,(ppm)								
FeS	7.93	6.16	0.98	7.45	6.85	7.08	6.20	6.61
Fe	17.91	7.10	0	4.51	7.51	6.75	8.08	10.79
Ni%,(ppm)	1.49	1.30	0.032	0.94	0.98	1.04	0.90	1.50
Co%,(ppm)	0.053	0.044	0.006	0.025	0.044	0.034	0.053	0.049
S								
Total	100.34	100.01	100.41	100.53	99.91	100.19	99.79	100.34
Total Fe	32.09	23.08	13.08	22.44	23.26	23.20	23.27	26.68

Name	Y-791604	Y-791629	Y-791630	Y-791632	Y-791633	Y-791634	Y-791635	Y-791636
	H4	H4	L4	L5	L4	L4	L4	L4
SiO2	36.23	36.10	39.28	39.47	39.68	35.77	38.56	38.94
TiO2	0.04	0.07	0.10	0.10	0.11	0.07	0.12	0.09
Al2O3	2.60	1.75	2.27	2.88	2.40	3.10	2.51	2.05
Fe2O3	1.11	2.67	0	0	0	0	0	0.98
FeO	12.74	11.36	15.00	13.89	14.09	12.60	13.00	13.61
MnO	0.15	0.30	0.34	0.29	0.30	0.18	0.29	0.31
MgO	23.14	24.11	25.10	25.32	25.74	24.26	24.86	25.18
CaO	1.70	1.87	1.65	1.73	1.83	1.78	1.70	1.85
Na2O	0.72	0.81	0.91	0.87	0.89	0.84	0.88	0.88
K2O	0.08	0.09	0.09	0.09	0.10	0.10	0.09	0.09
H2O(-)	0.58	0.12	0.04	0.00	0.04	0.00	0.04	0.04
H2O(+)	1.4	0.8	0.1	0.0	0.0	0.0	0.0	0.0
P2O5	0.30	0.36	0.27	0.41	0.64	0.29	0.56	0.09
Cr2O3	0.39	0.33	0.52	0.40	0.44	0.33	0.44	0.34
NiO%,(ppm)								
FeS	5.52	5.62	6.01	5.52	6.49	7.66	7.02	6.96
Fe	11.58	12.73	7.49	7.87	6.60	11.81	8.33	7.02
Ni%,(ppm)	1.44	1.34	0.99	1.19	1.23	1.25	1.33	1.25
Co%,(ppm)	0.030	0.057	0.046	0.070	0.058	0.053	0.072	0.051
S								
Total	99.75	100.48	100.20	100.10	100.63	100.09	99.80	99.73
Total Fe	25.77	27.00	22.97	22.18	21.67	26.47	22.89	22.71

Name	Y-791637	Y-791644	Y-791652	Y-791661	Y-791668	Y-791669	Y-791670	Y-791677
	L4	L4	H6	L4	LL4	L4	L4	L4
SiO2	39.65	39.04	35.58	38.74	40.52	38.98	40.27	39.60
TiO2	0.07	0.09	0.05	0.09	0.12	0.09	0.10	0.08
Al2O3	1.72	2.01	2.51	2.65	2.29	2.49	3.10	2.64
Fe2O3	0	0.25	2.86	0.63	0	0	0	0.46
FeO	15.96	14.03	8.80	15.25	17.49	14.92	13.52	14.72
MnO	0.32	0.32	0.13	0.36	0.30	0.27	0.30	0.15
MgO	25.87	25.47	23.05	25.20	26.02	25.48	25.86	25.54
CaO	1.92	1.84	1.68	1.85	1.81	1.65	1.71	1.72
Na2O	0.95	0.93	0.71	0.94	0.84	0.84	0.88	0.83
K2O	0.09	0.10	0.06	0.09	0.09	0.09	0.10	0.06
H2O(-)	0.00	0.08	0.18	0.09	0.04	0.12	0.00	0.09
H2O(+)	0.0	0.0	0.3	0.2	0.0	0.0	0.0	0.2
P2O5	0.28	0.38	0.08	0.36	0.57	0.25	0.45	0.31
Cr2O3	0.38	0.40	0.48	0.38	0.45	0.40	0.44	0.53
NiO%,(ppm)								
FeS	6.14	7.64	4.33	7.60	4.78	5.34	5.34	4.92
Fe	5.62	6.79	17.45	5.14	3.29	7.96	6.53	6.91
Ni%,(ppm)	1.27	1.15	1.41	1.03	1.38	1.22	1.07	1.13
Co%,(ppm)	0.052	0.065	0.082	0.055	0.063	0.061	0.068	0.036
S								
Total	100.29	100.58	99.74	100.65	100.05	100.16	99.73	99.92
Total Fe	21.94	22.72	29.04	22.26	19.92	22.95	20.43	21.80

Name	Y-791678	Y-791680	Y-791682	Y-791695	Y-791705	Y-791706	Y-791708	Y-791709
	L4	L4	L4	L4	L4	L4	L4	L4
SiO2	38.15	39.08	38.38	37.56	38.96	38.31	39.28	38.84
TiO2	0.08	0.09	0.10	0.07	0.09	0.07	0.10	0.10
Al2O3	1.66	2.33	2.31	2.40	2.07	2.53	2.28	2.31
Fe2O3	0	0.38	0	0	0	1.04	0	0
FeO	13.85	13.77	13.79	14.58	14.46	13.16	16.00	14.80
MnO	0.33	0.32	0.34	0.18	0.32	0.19	0.33	0.34
MgO	25.14	25.74	25.41	25.59	25.37	26.44	25.64	25.54
CaO	1.91	1.73	1.93	2.42	1.78	2.13	1.74	1.71
Na2O	0.88	0.89	0.90	0.93	0.93	0.89	0.93	0.87
K2O	0.08	0.08	0.08	0.10	0.08	0.09	0.08	0.08
H2O(-)	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00
H2O(+)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
P2O5	0.16	0.40	0.17	0.20	0.10	0.16	0.14	0.15
Cr2O3	0.39	0.41	0.42	0.23	0.41	0.23	0.42	0.38
NiO%,(ppm)								
FeS	8.40	7.27	8.34	7.31	7.82	7.31	5.62	5.71
Fe	8.33	7.04	7.16	7.19	7.06	5.80	6.55	8.28
Ni%,(ppm)	1.09	1.07	1.16	1.39	1.16	1.47	1.03	1.10
Co%,(ppm)	0.064	0.054	0.059	0.028	0.066	0.028	0.044	0.063
S								
Total	100.51	100.65	100.54	100.17	100.67	99.84	100.42	100.27
Total Fe	24.44	22.63	23.18	23.16	23.27	21.40	22.56	23.41

Name	Y-791710	Y-791716	Y-791717	Y-791771	Y-791775	Y-791776	Y-791781	Y-791783
	L4	H4	CO3	L6	H	H6	L6	H5
SiO2	39.43	34.56	33.28	38.77	38.46	34.07	39.38	33.64
TiO2	0.11	0.10	0.20	0.11	0.14	0.07	0.09	0.06
Al2O3	2.62	2.08	2.74	2.73	2.81	2.58	1.88	3.25
Fe2O3	0	11.32	1.98	2.21	0	6.34	0	9.76
FeO	14.09	8.80	26.26	13.51	10.06	6.96	15.52	7.72
MnO	0.20	0.32	0.25	0.30	0.32	0.16	0.37	0.17
MgO	25.85	23.15	23.38	25.59	25.44	22.38	25.06	22.69
CaO	1.76	1.40	2.10	1.88	1.87	1.27	1.89	1.57
Na2O	0.94	0.70	0.47	0.94	0.93	0.69	0.90	0.73
K2O	0.10	0.07	0.06	0.09	0.10	0.08	0.10	0.08
H2O(-)	0.00	0.37	0.75	0.19	0.00	0.07	0.00	0.40
H2O(+)	0.0	1.8	1.18	0.7	0.0	1.0	0.5	1.9
P2O5	0.46	0.07	0.28	0.31	0.11	0.44	0.20	0.14
Cr2O3	0.31	0.33	0.50	0.39	0.39	0.26	0.49	0.22
NiO%,(ppm)								
FeS	5.94	5.63	5.08	7.98	6.75	6.94	6.00	6.17
Fe	7.04	7.59	0	3.25	12.14	14.83	6.9	9.95
Ni%,(ppm)	1.09	1.29	1.22	1.08	1.05	1.51	1.31	1.54
Co%,(ppm)	0.045	0.068	0.045	0.050	0.042	0.066	0.040	0.042
S								
Total	99.98	99.64	99.77	100.08	100.61	99.71	100.63	100.03
Total Fe	21.76	25.93	25.02	20.37	24.25	29.08	22.77	26.70

Name	Y-791785 H5	Y-791820 H5	Y-791824 CM2	Y-791826 Euc	Y-791827 Unique	Y-791828 L3	Y-791832 L5	Y-791833 L5
SiO2	34.12	35.66	29.94	49.10	34.99	39.90	38.18	38.54
TiO2	0.07	0.08	0.12	0.99	0.08	0.11	0.10	0.09
Al2O3	2.00	2.20	2.18	11.35	2.87	2.72	2.07	2.20
Fe2O3	4.27	0		<0.03	8.42	0	0	0
FeO	10.94	9.89	21.47	18.47	19.25	15.76	15.23	15.82
MnO	0.27	0.22	0.21	0.52	0.26	0.32	0.31	0.29
MgO	23.79	24.15	19.18	7.54	22.37	25.97	26.22	25.25
CaO	1.34	1.59	1.66	10.07	2.08	1.73	2.02	1.89
Na2O	0.64	0.72	0.62	0.47	1.21	0.95	0.89	0.89
K2O	0.07	0.09	0.04	0.06	0.10	0.10	0.09	0.08
H2O(-)	0.58	0.21	2.22	0.00	0.29	0.00	0.00	0.00
H2O(+)	0.6	0	10.28	0.59	1.0	0.3	0.0	0.0
P2O5	0.04	0.34	0.23	0.38	0.52	0.21	0.31	0.13
Cr2O3	0.32	0.36	0.45	0.40	0.38	0.56	0.38	0.38
NiO%,(ppm)			1.45					
FeS	4.78	5.89	6.38		5.92	5.56	7.51	6.38
Fe	14.17	17.29			<0.1	5.06	5.19	7.45
Ni%,(ppm)	1.74	1.08		(42)	0.69	1.08	1.24	1.17
Co%,(ppm)	0.048	0.061	0.09	(<30)	0.041	0.044	0.058	0.070
S			SO3 2.42	0.19				
Total	99.78	99.83	100.64	100.16	100.62	100.37	99.79	100.63
Total Fe	28.70	28.72	20.74	14.38	24.71	20.84	21.80	23.80

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Name	Y-791835 L3	Y-791840 L4	Y-791844 L5	Y-791845 H6	Y-791857 H4	Y-791859 H5	Y-791861 H6	Y-791865 L6
SiO2	38.56	38.61	38.92	36.85	35.18	35.31	34.19	39.67
TiO2	0.08	0.07	0.08	0.07	0.09	0.06	0.06	0.10
Al2O3	2.16	2.51	1.85	2.53	1.85	2.15	2.20	2.25
Fe2O3	1.86	0.0	0	0.17	0	4.42	1.49	0.48
FeO	18.32	14.75	15.36	10.83	9.70	8.22	10.47	13.38
MnO	0.36	0.14	0.29	0.15	0.26	0.26	0.29	0.22
MgO	25.54	24.54	25.63	24.75	23.84	23.21	23.80	25.93
CaO	2.02	1.73	1.72	1.43	1.54	1.53	1.44	1.57
Na2O	0.73	0.80	0.90	0.67	0.73	0.81	0.66	0.83
K2O	0.10	0.06	0.08	0.08	0.07	0.08	0.07	0.08
H2O(-)	0.47	0	0.00	0.13	0.00	0.21	0.25	0.38
H2O(+)	0.9	0.08	0.0	0.6	0.0	0.8	0.1	<0.1
P2O5	0.12	0.30	0.29	0.41	0.25	0.34	0.05	0.47
Cr2O3	0.36	0.50	0.39	0.25	0.33	0.45	0.37	0.36
NiO%,(ppm)								
FeS	6.73	5.42	6.90	5.96	7.25	5.41	6.02	7.13
Fe	0.51	9.25	6.70	13.27	18.08	15.15	17.28	5.97
Ni%,(ppm)	0.89	0.95	1.22	1.61	1.36	1.39	1.79	0.97
Co%,(ppm)	0.036	0.061	0.071	0.054	0.107	0.054	0.047	0.038
S								
Total	99.74	99.77	100.40	99.81	100.63	99.85	100.57	99.92
Total Fe	20.33	24.16	23.02	25.60	30.23	28.07	30.28	21.24

Name	Y-791869 H5	Y-791870 H4	Y-791905 H5	Y-791917 H4	Y-791918 H4	Y-791919 H4	Y-791925 L4	Y-791926 H5
SiO2	34.27	35.54	35.16	34.66	35.27	34.65	37.07	36.03
TiO2	0.07	0.05	0.06	0.08	0.08	0.09	0.09	0.07
Al2O3	2.28	2.93	2.80	2.39	2.03	2.07	2.16	2.69
Fe2O3	2.04	0.51	0.87	7.04	6.08	6.5	5.38	1.05
FeO	10.67	9.01	11.40	11.51	10.41	9.67	13.97	6.88
MnO	0.32	0.18	0.24	0.34	0.27	0.28	0.26	0.23
MgO	24.11	23.89	23.38	22.79	23.27	22.69	24.10	24.31
CaO	1.77	1.52	1.47	1.66	1.72	1.62	2.15	1.57
Na2O	0.72	0.75	0.91	0.66	0.88	0.90	0.94	0.72
K2O	0.08	0.09	0.15	0.08	0.09	0.09	0.08	0.07
H2O(-)	0.21	0.00	0.08	0.43	0.36	0.24	0.28	0.16
H2O(+)	0.3	0.0	1.0	2.5	2.1	2.3	1.6	0.2
P2O5	0.05	0.25	0.33	0.04	0.16	0.13	0.54	0.38
Cr2O3	0.44	0.24	0.51	0.46	0.37	0.38	0.37	0.38
NiO%,(ppm)								
FeS	5.26	6.13	6.09	4.80	6.88	8.08	7.13	7.93
Fe	15.53	17.73	14.09	8.61	9.19	8.92	2.62	16.07
Ni%,(ppm)	1.99	1.40	1.64	1.85	1.19	1.07	1.08	1.33
Co%,(ppm)	0.042	0.036	0.051	0.033	0.051	0.061	0.040	0.065
S								
Total	100.15	100.25	100.23	99.93	100.40	99.74	99.86	100.13
Total Fe	28.59	28.98	27.43	25.53	25.90	26.12	21.77	27.19

Name	Y-791927 L6	Y-791931 H4	Y-791933 H6	Y-791956 L6	Y-791958 L6	Y-791960 Euc	Y-791961 L3	Y-791962 Euc
SiO2	37.29	34.90	34.10	40.08	38.87	49.50	38.52	49.68
TiO2	0.06	0.08	0.08	0.09	0.09	0.65	0.08	0.36
Al2O3	3.62	1.76	1.85	2.31	2.08	11.62	2.38	6.51
Fe2O3	0	4.49	5.41	0	0.72	0	1.04	<0.03
FeO	13.73	9.95	11.69	14.15	13.18	17.98	13.76	18.24
MnO	0.21	0.27	0.35	0.22	0.21	0.52	0.26	0.52
MgO	25.64	23.03	23.38	26.24	25.18	9.19	25.30	16.53
CaO	1.43	2.08	1.67	1.42	1.49	8.72	1.52	6.18
Na2O	0.86	0.85	0.65	0.82	0.85	0.37	0.88	0.24
K2O	0.09	0.08	0.08	0.08	0.09	0.03	0.09	<0.02
H2O(-)	0.00	0.04	0.27	0.31	0.28	0.00	0.08	0.00
H2O(+)	0.0	1.2	1.9	0.0	0.0	0.12	1.4	0.52
P2O5	0.22	0.10	0.04	0.49	0.50	0.12	0.19	0.15
Cr2O3	0.27	0.37	0.45	0.39	0.41	0.47	0.53	0.90
NiO%,(ppm)								
FeS	8.01	6.87	4.89	5.93	8.06	0.56	8.71	
Fe	7.16	12.61	11.65	6.43	7.25	0	4.33	
Ni%,(ppm)	1.26	1.34	1.70	0.86	1.28	0.0085	1.02	(182)
Co%,(ppm)	0.037	0.060	0.033	0.040	0.047	<0.003	0.044	(<30)
S								0.14
Total	99.88	100.08	100.19	99.86	100.58	99.85	100.13	100.02
Total Fe	22.92	27.84	27.63	21.20	23.11	14.43	21.29	14.20

Name	Y-791963	Y-791968	Y-791969	Y-791970	Y-791971	Y-791972	Y-791973	Y-792506
	H5	H4	H4	H4	H4	H4	H4	H4
SiO2	34.46	34.20	34.45	35.29	35.25	34.99	34.74	34.51
TiO2	0.08	0.07	0.08	0.08	0.08	0.08	0.08	0.09
Al2O3	2.61	3.34	2.24	2.42	1.93	1.88	2.05	2.01
Fe2O3	7.19	5.75	2.93	4.35	5.53	2.25	2.03	0
FeO	8.34	11.02	10.21	9.02	7.52	9.88	8.27	10.08
MnO	0.31	0.21	0.32	0.29	0.33	0.32	0.31	0.28
MgO	23.43	23.64	23.52	23.90	24.12	23.88	23.74	23.46
CaO	1.74	1.45	1.62	1.58	2.08	1.90	1.92	1.37
Na2O	0.83	0.75	0.79	0.80	0.79	0.74	0.75	0.72
K2O	0.08	0.09	0.07	0.07	0.08	0.07	0.07	0.09
H2O(-)	0.37	0.25	0.23	0.19	0.24	0.21	0.07	0.00
H2O(+)	1.2	0.9	0.8	1.0	1.1	0.8	0.4	0.0
P2O5	0.05	0.22	0.34	0.24	0.44	0.34	0.41	0.34
Cr2O3	0.30	0.28	0.29	0.28	0.33	0.31	0.32	0.38
NiO%,(ppm)								
FeS	7.79	6.71	7.88	8.30	9.38	9.06	9.65	6.19
Fe	10.12	10.33	13.17	10.97	9.10	11.63	14.24	18.63
Ni%,(ppm)	1.63	1.43	1.28	1.28	1.36	1.33	1.50	1.62
Co%,(ppm)	0.062	0.033	0.072	0.066	0.070	0.073	0.093	0.097
S								
Total	100.59	100.67	100.29	100.12	99.73	99.74	100.64	99.86
Total Fe	26.58	27.18	27.72	26.29	24.78	26.64	28.22	30.40

Name	Y-792510	Y-792511	Y-792512	Y-792516	Y-792517	Y-792519	Y-792521	Y-792522
	Euc	Euc	L6	H4	H4	L6	H4	H4
SiO2	47.95	48.32	38.86	35.50	33.93	37.01	35.82	34.70
TiO2	0.74	0.71	0.08	0.08	0.07	0.10	0.06	0.07
Al2O3	12.10	12.23	2.44	2.36	2.02	2.73	3.48	3.44
Fe2O3	1.83	0.36	0	2.72	3.72	0	4.4	3.78
FeO	17.71	18.85	15.58	11.58	9.20	14.11	10.39	12.76
MnO	0.53	0.56	0.33	0.31	0.29	0.30	0.21	0.20
MgO	6.56	6.76	25.01	24.61	23.83	24.48	23.89	23.19
CaO	9.94	10.03	2.06	2.03	1.76	1.62	1.84	1.66
Na2O	0.46	0.45	0.88	0.76	0.73	0.84	0.76	0.76
K2O	0.05	0.07	0.09	0.08	0.08	0.10	0.09	0.09
H2O(-)	0.25	0.05	0.00	0.10	0.23	0.00	0.30	0.37
H2O(+)	1.47	1.13	0.0	0.4	0.6	0.0	1.3	2.2
P2O5	0.08	0.13	0.27	0.15	0.27	0.41	0.28	0.29
Cr2O3	0.31	0.33	0.32	0.30	0.28	0.42	0.22	0.23
NiO%,(ppm)								
FeS			6.26	6.01	7.48	6.38	4.37	5.14
Fe			6.67	11.75	14.46	10.07	11.49	9.69
Ni%,(ppm)	(48)	(40)	1.03	1.27	1.34	1.23	1.26	1.36
Co%,(ppm)	(<30)	(<30)	0.033	0.043	0.051	0.098	0.034	0.038
S	0.31	0.18						
Total	100.29	100.16	99.91	100.05	100.34	99.89	100.19	99.96
Total Fe	15.05	14.90	22.76	26.47	28.96	25.09	25.43	25.52

Name	Y-792669	Y-792736	Y-792764	Y-792769	Y-792770	Y-792771	Y-792772	Y-792773
	L6	H4	H4	Euc(pol)	H6	H5	LL4	LL4
SiO2	39.05	35.82	35.89	48.26	36.47	36.32	40.33	40.20
TiO2	0.05	0.14	0.07	0.93	0.11	0.05	0.09	0.08
Al2O3	3.32	2.31	1.73	11.96	2.07	2.42	2.25	3.04
Fe2O3	0.0	1.2	0	0.21	0.0	0.71	0	0.42
FeO	14.49	11.32	11.19	19.78	12.27	8.28	17.97	16.99
MnO	0.15	0.18	0.24	0.59	0.16	0.13	0.31	0.22
MgO	25.49	23.66	23.22	6.11	24.28	24.56	25.80	26.02
CaO	1.78	1.51	1.43	10.92	1.32	1.51	1.67	1.93
Na2O	0.82	0.78	0.69	0.52	0.77	0.67	0.98	0.90
K2O	0.06	0.09	0.08	0.05	0.09	0.07	0.10	0.09
H2O(-)	0.06	0.21	0.10	0.00	0.00	0.00	0.00	0.00
H2O(+)	0.0	0.2	0.7	0.56	0.0	0.0	0.1	0.1
P2O5	0.28	0.32	0.23	0.09	0.29	0.30	0.26	0.33
Cr2O3	0.48	0.38	0.46	0.28	0.36	0.31	0.55	0.25
NiO%,(ppm)								
FeS	6.38	5.27	5.83		5.91	6.89	6.00	6.01
Fe	6.66	14.94	16.18		14.59	16.52	2.58	2.66
Ni%,(ppm)	1.12	1.44	1.66	(31)	1.31	1.44	1.27	0.83
Co%,(ppm)	0.033	0.035	0.043	(<30)	0.037	0.038	0.022	0.019
S								
Total	100.22	99.80	99.74	100.26	100.03	100.21	100.28	100.08
Total Fe	21.97	27.93	28.58	15.52	27.88	27.84	20.36	19.98

Name	Y-792935	Y-792947	Y-792959	Y-792959	Y-793161	Y-793164	Y-793167	Y-793168
	H5	H3	E3	E3	E3	Euc	H5	L6
SiO2	35.62	34.02	32.15	32.43	33.17	48.07	36.33	38.14
TiO2	0.05	0.08	0.08	0.07	0.09	0.92	0.05	0.17
Al2O3	2.62	2.32	2.14	2.41	1.87	11.77	2.41	3.05
Fe2O3	0.62	2.85	0.06	0.34	8.9	0.0	1.3	0.67
FeO	10.21	16.70	14.91	20.44	0.8	20.26	8.56	15.00
MnO	0.25	0.26	0.27	0.28	0.25	0.56	0.14	0.25
MgO	24.66	22.52	17.94	17.50	17.66	6.00	24.37	24.76
CaO	1.60	2.24	1.04	1.47	1.15	10.63	1.70	1.67
Na2O	0.78	0.54	0.56	0.56	0.77	0.82	0.67	0.95
K2O	0.08	0.08	0.05	0.05	0.03	0.08	0.07	0.08
H2O(-)	0.27	0.50	1.41	1.25	1.85	0.00	0.00	0.34
H2O(+)	0.7	3.0	5.7	5.2	5.3	0.51	0.1	0.2
P2O5	0.34	0.11	0.09	0.39	0.41	0.14	0.30	0.21
Cr2O3	0.46	0.27	0.28	0.36	0.43	0.29	0.32	0.45
NiO%,(ppm)								
FeS	7.65	4.90	13.74	12.81	13.22		6.10	7.56
Fe	12.57	8.05	7.94	3.59	12.6		15.91	4.91
Ni%,(ppm)	1.28	1.28	1.41	1.43	1.40	(38)	1.49	1.25
Co%,(ppm)	0.064	0.041	0.070	0.047	0.047	(<30)	0.047	0.048
S						0.23		
Total	99.82	99.76	99.84	100.62	99.94	100.28	99.86	99.70
Total Fe	25.80	26.13	28.30	27.86	27.84	15.75	27.35	21.84

Name	Y-793169 Lunar	Y-793175 H4	Y-793191 H4	Y-793201 L6	Y-793203 H4	Y-793214 LL5	Y-793219 L6	Y-793220 L6
SiO2	43.59	32.94	35.43	38.80	35.22	39.92	39.15	39.07
TiO2	1.52	0.06	0.06	0.07	0.07	0.13	0.13	0.06
Al2O3	12.89	1.82	2.58	2.56	1.73	2.91	3.38	2.86
Fe2O3	0.28	3.74	4.9	0.0	2.08	0.0	0.0	0.0
FeO	21.17	10.74	10.88	14.08	12.23	17.80	14.34	14.71
MnO	0.18	0.29	0.18	0.26	0.29	0.28	0.31	0.16
MgO	5.75	23.22	23.44	25.06	23.65	26.31	26.22	26.03
CaO	13.25	1.34	1.60	1.62	1.33	1.64	2.00	1.88
Na2O	0.40	0.62	0.69	0.87	0.66	1.39	0.87	0.89
K2O	0.13	0.07	0.08	0.09	0.08	0.14	0.04	0.06
H2O(-)	0.00	0.07	0.10	0.00	0.04	0.00	0.00	0.06
H2O(+)	0.18	0.3	1.5	0.0	0.7	0.0	0.0	0.1
P2O5	0.29	0.07	0.14	0.27	0.19	0.19	0.33	0.32
Cr2O3	0.11	0.29	0.20	0.34	0.33	0.45	0.57	0.58
NiO%,(ppm)								
FeS		5.37	4.57	6.89	5.54	6.61	6.22	5.90
Fe		17.89	12.34	7.76	14.22	1.67	5.59	6.12
Ni%,(ppm)	(21)	1.72	1.08	1.09	1.37	1.09	1.01	1.06
Co%,(ppm)		0.074	0.041	0.035	0.070	0.039	0.030	0.026
S	0.48							
Total	100.22	100.62	99.81	99.79	99.80	100.56	100.19	99.88
Total Fe	16.66	32.27	27.12	23.08	28.70	19.71	20.69	21.30

Name	Y-793222 H5	Y-793235 L6	Y-793239 H4	Y-793241 L6	Y-793241 Incl	Y-793249 LL4	Y-793251 H5	Y-793253 H4
SiO2	36.29	39.42	35.04	38.63	38.92	40.44	34.49	33.64
TiO2	0.05	0.09	0.07	0.07	0.08	0.08	0.05	0.08
Al2O3	2.30	1.99	1.91	2.44	2.71	1.93	2.43	2.02
Fe2O3	2.76	0	1.26	0	1.01	0	0.25	2.63
FeO	8.62	15.77	12.98	15.04	19.82	19.23	10.53	11.82
MnO	0.15	0.34	0.28	0.33	0.39	0.35	0.14	0.32
MgO	24.01	24.76	24.23	25.66	34.35	27.12	23.07	23.35
CaO	1.62	1.64	1.16	1.86	0.45	1.89	1.64	1.78
Na2O	0.71	0.87	0.63	0.93	1.07	0.80	0.72	0.65
K2O	0.08	0.07	0.07	0.11	0.06	0.08	0.08	0.08
H2O(-)	0.23	0.11	0.05	0.0	0	0.00	0.52	0.29
H2O(+)	0.8	0.5	0.6	0.2	0.21	0.1	1.1	0.9
P2O5	0.32	0.26	0.13	0.21	0.15	0.14	0.33	0.09
Cr2O3	0.32	0.53	0.38	0.54	0.58	0.38	0.43	0.39
NiO%,(ppm)								
FeS	5.64	6.41	5.06	6.34		4.30	7.72	6.01
Fe	14.17	6.09	14.65	7.05		2.08	14.71	14.25
Ni%,(ppm)	1.57	0.94	1.40	0.81	(296)	0.99	1.78	1.37
Co%,(ppm)	0.052	0.031	0.077	0.053	(<30)	0.036	0.047	0.086
S								
Total	99.69	99.82	99.97	100.27	99.80	99.94	100.03	99.75
Total Fe	26.38	22.42	28.83	21.60	16.12	19.76	27.96	29.10

Name	Y-793274 Lunar	Y-793278 H4	Y-793283 H6	Y-793284 H4	Y-793285 L6	Y-793321 CM2	Y-793337 H6	Y-793374 L3
SiO2	45.67	34.70	34.08	33.71	38.74	28.96	33.71	37.64
TiO2	0.53	0.07	0.09	0.09	0.06	0.13	0.07	0.07
Al2O3	16.73	1.56	2.06	2.15	2.82	2.38	3.38	1.89
Fe2O3	0.48	0.19	2.43	8.84	0.0		8.28	3.71
FeO	13.57	10.03	9.09	14.01	14.02	20.89	7.44	14.27
MnO	0.09	0.34	0.29	0.39	0.16	0.22	0.19	0.33
MgO	9.52	23.55	22.92	23.38	25.21	20.33	22.95	25.19
CaO	12.28	1.64	1.46	1.75	1.83	2.00	1.76	1.68
Na2O	0.42	0.65	0.68	0.65	0.86	0.60	0.69	0.78
K2O	0.08	0.08	0.08	0.08	0.05	0.05	0.07	0.08
H2O(-)	<0.05	0.00	0.03	0.52	0.04	2.69	0.18	0.16
H2O(+)	<0.1	0.0	0.5	2.6	0.0	6.54	1.6	0.2
P2O5	0.08	0.06	0.18	0.31	0.30	0.27	0.17	0.12
Cr2O3	0.15	0.37	0.39	0.37	0.52	0.45	0.22	0.35
NiO%,(ppm)						1.55		
FeS		7.01	6.20	4.22	6.06	8.71	5.42	7.06
Fe		18.47	17.65	5.40	8.29		12.28	5.93
Ni%,(ppm)	(108)	1.29	1.64	1.24	1.13		1.33	1.15
Co%,(ppm)		0.104	0.130	0.070	0.040	0.09	0.034	0.052
S						SO3 0.85		
Total	99.75	100.11	99.90	99.78	100.13	99.38	99.77	100.66
Total Fe	10.89	30.89	30.36	25.15	23.04	21.77	27.29	24.10
						**		

Name	Y-793375 L3	Y-793386 H4	Y-793394 L6	Y-793396 L3	Y-793397 L5	Y-793401 L6	Y-793402 L6	Y-793403 H4
SiO2	39.41	34.22	40.50	38.01	37.57	38.98	39.01	35.89
TiO2	0.15	0.07	0.08	0.11	0.09	0.09	0.09	0.08
Al2O3	2.58	2.15	2.35	2.78	2.31	2.17	2.05	2.10
Fe2O3	0.0	10.83	0	4.51	0	0.05	0.3	1.72
FeO	13.64	8.98	15.06	10.97	15.08	13.92	14.99	10.40
MnO	0.24	0.34	0.39	0.31	0.39	0.24	0.37	0.33
MgO	25.69	22.69	26.41	25.32	25.45	25.44	25.00	24.18
CaO	1.48	1.49	1.92	1.90	1.80	1.65	1.82	1.66
Na2O	0.83	0.68	0.79	0.84	0.86	0.90	0.81	0.72
K2O	0.09	0.09	0.09	0.04	0.10	0.09	0.09	0.09
H2O(-)	0.25	0.52	0.00	0.14	0.00	0.00	0.00	0.05
H2O(+)	0.1	2.4	0	1.5	0	0.0	0	0.3
P2O5	0.14	0.08	0.22	0.37	0.21	0.49	0.08	0.09
Cr2O3	0.36	0.53	0.50	0.53	0.51	0.36	0.46	0.43
NiO%,(ppm)								
FeS	7.67	6.14	5.94	7.22	7.23	7.32	6.75	5.96
Fe	5.93	7.10	5.24	4.34	7.40	7.10	6.82	14.59
Ni%,(ppm)	1.14	1.40	1.12	0.94	1.17	0.90	1.11	1.59
Co%,(ppm)	0.054	0.069	0.045	0.027	0.05	0.065	0.044	0.064
S								
Total	99.75	99.77	100.65	99.85	100.22	99.76	99.79	100.24
Total Fe	21.40	19.16	20.72	20.61	23.71	22.60	22.97	27.66

Name	Y-793408	Y-793409	Y-793421	Y-793423	Y-793447	Y-793448	Y-793449	Y-793464
	L3	H5	L6	L6	L4	L6	L6	L5
SiO2	33.14	34.43	38.75	38.45	37.65	38.83	39.61	39.93
TiO2	0.16	0.04	0.09	0.09	0.10	0.10	0.08	0.12
Al2O3	3.93	2.53	2.30	2.38	2.34	2.23	2.17	2.30
Fe2O3	4.59	0	1.42	0.1	4.1	0	0	0
FeO	16.97	10.00	15.93	17.66	11.06	16.12	15.15	15.03
MnO	0.28	0.18	0.38	0.37	0.36	0.38	0.38	0.35
MgO	22.27	23.24	25.47	25.71	24.17	25.26	25.82	25.21
CaO	1.99	1.60	1.73	1.75	1.68	1.62	1.58	1.69
Na2O	0.73	0.71	0.81	0.76	0.72	0.71	0.82	0.94
K2O	0.06	0.08	0.10	0.09	0.08	0.08	0.09	0.07
H2O(-)	1.00	0.09	0.00	0.00	0.32	0.00	0.00	0.06
H2O(+)	3.7	0.1	0.4	0.5	0.6	0	0	0.2
P2O5	0.36	0.40	0.08	0.07	0.11	0.08	0.07	0.23
Cr2O3	0.53	0.46	0.49	0.44	0.43	0.50	0.49	0.52
NiO%,(ppm)								
FeS	4.99	5.88	5.78	5.99	6.68	6.48	6.82	6.29
Fe	4.47	18.65	5.29	4.35	8.29	6.54	5.70	6.21
Ni%,(ppm)	1.09	1.63	1.08	1.11	1.18	1.09	1.15	0.90
Co%,(ppm)	0.051	0.055	0.041	0.038	0.033	0.031	0.029	0.014
S								
Total	100.31	100.07	100.14	99.85	99.90	100.05	99.95	100.06
Total Fe	24.04	30.16	22.36	21.96	24.00	23.19	21.81	21.89

Name	Y-793465	Y-793495	Y-793496	Y-793497	Y-793501	Y-793506	Y-793510	Y-793514
	L6	CR2	L6	How	H4	LL6	H4	H5
SiO2	39.43	32.22	38.73	48.30	34.67	38.00	33.79	34.77
TiO2	0.05	0.09	0.10	0.53	0.04	0.11	0.04	0.05
Al2O3	2.31	2.40	2.87	8.34	2.82	2.83	3.24	2.72
Fe2O3	0	5.8	0	0.0	0	0	2.24	5.87
FeO	14.42	9.79	14.71	17.82	10.31	17.54	10.24	7.66
MnO	0.31	0.19	0.20	0.55	0.17	0.29	0.18	0.15
MgO	25.65	23.33	25.52	14.39	23.79	24.59	23.35	22.93
CaO	1.82	1.59	1.90	7.15	1.54	1.67	1.57	1.69
Na2O	0.1	0.23	0.86	0.59	0.69	0.88	0.70	0.78
K2O	0.02	0.05	0.09	0.06	0.07	0.10	0.07	0.09
H2O(-)	0	0.60	0.05	0.15	0.11	0.02	0.18	0.39
H2O(+)	0.2	4.5	0.1	0.98	0.2	0.0	0.8	1.1
P2O5	0.27	0.43	0.17	0.14	0.39	0.61	0.46	0.28
Cr2O3	0.48	0.40	0.39	0.65	0.48	0.46	0.43	0.36
NiO%,(ppm)								
FeS	5.93	2.76	7.01		6.48	10.62	5.12	6.29
Fe	7.55	13.83	6.90		16.36	1.75	15.44	13.57
Ni%,(ppm)	1.21	1.47	0.82	(1280)	1.72	1.05	1.82	1.58
Co%,(ppm)	0.042	0.046	0.037	(<30)	0.059	0.051	0.056	0.048
S				0.33				
Total	99.79	99.72	100.45	99.98	99.89	100.57	99.72	100.32
Total Fe	22.52	27.25	22.78	13.85	28.94	22.13	26.65	31.74

Name	Y-793515 H5	Y-793533 LL6	Y-793534 LL	Y-793535 H6	Y-793539 LL6	Y-793547 Euc(pol)	Y-793567 L3	Y-793569 L6
SiO2	35.08	39.88	39.78	36.07	40.02	47.90	34.83	38.16
TiO2	0.07	0.19	0.20	0.09	0.11	1.03	0.14	0.09
Al2O3	2.37	2.62	2.37	2.71	2.39	12.30	3.93	2.86
Fe2O3	3.68	0	0.14	0	0	0.42	0.0	0
FeO	9.66	19.93	19.36	11.71	21.49	18.39	15.26	13.59
MnO	0.36	0.30	0.31	0.48	0.43	0.56	0.31	0.41
MgO	23.69	26.16	26.43	24.22	26.60	6.96	23.32	25.45
CaO	1.39	1.77	1.76	1.66	1.73	10.63	1.73	1.80
Na2O	0.69	0.91	0.88	0.88	0.80	0.85	0.79	0.87
K2O	0.07	0.11	0.07	0.10	0.10	0.10	0.03	0.09
H2O(-)	0.29	0.09	0.02	0.02	0.22	0.10	0.1	0.00
H2O(+)	0.9	0.2	0.0	0.0	0.2	0.08	0.1	0.0
P2O5	0.23	0.60	0.56	0.25	0.24	0.14	0.37	0.20
Cr2O3	0.32	0.49	0.46	0.36	0.53	0.36	0.56	0.38
NiO%,(ppm)								
FeS	6.89	5.72	5.88	6.71	4.55		7.47	8.65
Fe	12.65	0.25	1.11	13.75	0.22		9.35	6.67
Ni%,(ppm)	1.41	0.82	1.09	1.45	0.82	(30)	1.28	1.08
Co%,(ppm)	0.047	0.037	0.053	0.043	0.019	(<30)	0.049	0.044
S						0.07		
Total	99.79	100.07	100.47	100.50	100.46	99.89	99.61	100.34
Total Fe	27.11	19.37	20.00	27.11	19.81	14.58	25.96	22.72

Name	Y-793570 Euc	Y-793575 Unique	Y-793575 Unique	Y-793592 Aub	Y-794002 Euc(pol)	Y-794006 L4	Y-794043 Euc(mon)	Y-794046 H4
SiO2	47.79	33.31	33.98	56.41	48.91	38.91	47.72	34.83
TiO2	1.00	0.08	0.07	Trace	0.98	0.07	0.94	0.07
Al2O3	11.51	3.93	3.46	2.20	11.01	3.20	11.07	1.74
Fe2O3	0.0	5.85	5.52	<0.05	0.0	0.0	1.39	3.78
FeO	19.09	19.62	18.51	<0.1	19.09	13.76	18.32	12.67
MnO	0.60	0.23	0.25	0.18	0.54	0.18	0.54	0.31
MgO	8.17	22.36	22.54	35.53	7.71	25.73	7.68	22.96
CaO	10.20	2.23	1.69	1.72	10.05	1.49	9.12	1.45
Na2O	0.76	0.89	0.91	0.96	0.50	0.86	0.46	0.60
K2O	0.10	0.10	0.09	0.11	0.06	0.09	0.06	0.07
H2O(-)	0.05	0.14	0.15	0.25	0.05	0.04	0.30	0.31
H2O(+)	0.26	1.2	1.1	1.41	0.51	0.2	1.43	1.4
P2O5	0.14	0.43	0.45	0.07	0.17	0.41	0.19	0.14
Cr2O3	0.41	0.25	0.35	0.03	0.42	0.44	0.44	0.40
NiO%,(ppm)								
FeS		6.76	9.61	0.97	0.23	6.38	0.22	5.55
Fe		1.08	<0.1	0		6.95		11.90
Ni%,(ppm)	(26)	1.30	1.18	0.32	(80)	1.13	(108)	1.54
Co%,(ppm)	(<30)	0.04	0.037	0.023	(<30)	0.031	(<30)	0.071
S	0.12							
Total	100.20	99.80	100.08	100.32	100.23	99.87	99.88	99.79
Total Fe	14.84	24.71	24.46	0.73	14.99	21.70	15.34	27.91

Name	Y-794046 Clast	B-7903 L4	B-7904 CM2	Y-8010 L6	Y-8011 L6	Y-81012 H5	Y-81016 H5	Y-81020 CO3
SiO2	46.14	38.89	31.49	38.61	37.26	35.28	34.00	31.82
TiO2	0.11	0.10	0.16	0.09	0.09	0.06	0.09	0.16
Al2O3	3.01	2.20	3.30	1.94	3.09	3.13	2.03	4.15
Fe2O3		0	0	0	0	2.63	2.92	7.63
FeO	13.71	15.37	21.91	17.30	14.03	12.09	12.16	15.94
MnO	0.38	0.40	0.25	0.38	0.30	0.16	0.32	0.20
MgO	31.83	25.66	23.71	25.54	25.43	23.65	23.38	23.11
CaO	2.02	1.71	2.22	1.75	1.46	1.45	1.49	2.15
Na2O	1.16	0.80	0.66	0.74	0.91	0.72	0.66	0.13
K2O	0.15	0.10	0.04	0.09	0.05	0.08	0.08	0.02
H2O(-)	0.10	0.02	0.50	0.06	0.0	0.38	0.51	1.75
H2O(+)	0.38	0.0	2.1	0.0	0.0	1.8	1.0	4.4
P2O5	0.06	0.16	0.37	0.19	0.32	0.33	0.21	0.19
Cr2O3	0.66	0.53	0.50	0.51	0.55	0.32	0.40	0.51
NiO%,(ppm)								
FeS	0.25	6.22	11.45	5.73	7.49	5.83	6.10	3.99
Fe		7.13	0	6.52	7.53	10.26	12.86	2.54
Ni%,(ppm)	0.06	1.16	1.21	1.18	1.19	1.46	1.46	1.05
Co%,(ppm)	(<30)	0.050	0.028	0.052	0.062	0.044	0.071	0.045
S								
Total	100.02	100.50	99.89	100.68	99.76	99.67	99.74	99.78
Total Fe	10.82	23.03	24.30	23.61	23.20	27.33	28.05	22.80

Name	Y-81026 L6	Y-81030 H5	Y-81049 L6	Y-81058 H4	Y-81070 L4	Y-81075 L4	Y-81124 H5	Y-81132 H5
SiO2	37.84	33.27	37.94	36.61	39.92	39.88	33.49	35.72
TiO2	0.10	0.08	0.09	0.11	0.12	0.11	0.08	0.10
Al2O3	2.12	1.99	3.27	2.81	2.84	2.58	1.88	1.93
Fe2O3	0	1.78	0	0.29	0.0	0.0	3.64	2.14
FeO	14.20	10.11	14.23	11.60	13.97	13.55	10.86	11.03
MnO	0.29	0.25	0.32	0.28	0.32	0.32	0.35	0.36
MgO	25.20	22.84	25.68	24.73	26.20	25.96	23.55	24.09
CaO	1.68	1.33	1.80	1.67	1.95	1.92	1.41	1.57
Na2O	0.86	0.65	0.90	0.78	0.93	0.90	0.61	0.75
K2O	0.09	0.08	0.05	0.04	0.09	0.08	0.08	0.09
H2O(-)	0.12	0.17	0.05	0.04	0.00	0.00	0.45	0.14
H2O(+)	0.0	0.6	0.1	0.6	0.1	0.1	0.8	0.7
P2O5	0.42	0.31	0.29	0.28	0.21	0.21	0.09	0.16
Cr2O3	0.45	0.34	0.58	0.49	0.56	0.55	0.43	0.49
NiO%,(ppm)								
FeS	5.56	5.01	6.66	3.65	4.90	7.01	5.91	7.04
Fe	10.21	18.80	6.72	14.48	6.87	5.58	14.36	12.91
Ni%,(ppm)	1.41	2.01	1.13	1.38	1.10	1.05	1.66	1.39
Co%,(ppm)	0.080	0.118	0.055	0.074	0.036	0.036	0.064	0.067
S								
Total	100.63	99.73	99.86	99.91	100.11	99.83	99.71	100.67
Total Fe	24.78	31.08	22.01	26.02	20.78	20.56	29.10	27.45

Name	Y-82002 Unique	Y-82019 L5	Y-82024 L6	Y-82026 H5	Y-82036 L6	Y-82037 Euc	Y-82038 LL3	Y-82041 H5
SiO2	34.61	37.60	37.79	34.88	38.90	47.26	33.42	34.81
TiO2	0.11	0.11	0.10	0.09	0.10	0.68	0.18	0.09
Al2O3	2.21	1.59	2.18	1.79	1.94	12.31	3.95	1.57
Fe2O3	9.23	0		2.54	0	0.94	4.6	1.7
FeO	17.61	14.93	14.21	12.68	14.93	18.62	20.10	11.83
MnO	0.34	0.39	0.29	0.32	0.40	0.58	0.29	0.32
MgO	23.74	24.72	24.40	23.17	25.30	7.55	22.15	23.84
CaO	1.67	1.62	1.74	1.73	1.75	10.31	1.88	1.59
Na2O	0.78	0.81	1.03	0.66	0.82	0.39	0.85	0.58
K2O	0.09	0.09	0.11	0.08	0.10	0.03	0.09	0.07
H2O(-)	0.40	0.13	0.02	0.45	0.00	0.05	1.09	0.06
H2O(+)	1.1	0.1	0.0	1.5	0.2	0.36	2.8	0.8
P2O5	0.13	0.27	0.21	0.22	0.18	0.19	0.40	0.14
Cr2O3	0.47	0.46	0.50	0.41	0.44	0.27	0.51	0.39
NiO%,(ppm)								
FeS	6.80	8.57	6.08	5.86	7.72	0.48	4.98	6.73
Fe	0.00	7.62	10.70	12.19	6.61		1.74	13.55
Ni%,(ppm)	0.89	1.41	1.09	1.45	1.15	(80)	1.14	1.76
Co%,(ppm)	0.044	0.052	0.060	0.065	0.047	(<30)	0.067	0.059
S								
Total	100.22	100.47	100.51	100.08	100.58	100.02	100.23	99.88
Total Fe	24.47	24.67	25.61	27.55	23.12	15.47	23.74	28.22

Name	Y-82042 CM2	Y-82049 Euc	Y-82050 CO3	Y-82052 How	Y-82053 H5	Y-82055 L3	Y-82056 L3	Y-82058 L3
SiO2	25.52	48.48	32.91	47.80	35.98	38.96	39.70	38.92
TiO2	0.15	0.50	0.08	0.82	0.11	0.13	0.14	0.14
Al2O3	1.58	8.06	2.73	10.21	2.58	2.48	3.20	2.42
Fe2O3	15.14	0.91	2.86	0.0	1.36		0	
FeO	6.69	17.13	19.42	18.33	9.42	14.46	13.28	15.34
MnO	0.26	0.51	0.31	0.52	0.27	0.31	0.33	0.30
MgO	18.79	15.94	24.10	12.23	23.64	25.36	25.42	24.72
CaO	1.69	6.57	2.07	8.02	1.70	1.86	1.85	1.82
Na2O	0.48	0.26	0.33	0.35	0.75	1.03	0.89	0.96
K2O	0.03	0.02	0.05	0.03	0.08	0.10	0.09	0.10
H2O(-)	6.77	0.00	0.87	0.00	0.12	0.14	0.00	0.28
H2O(+)	14.57	0.37	1.4	0.27	0.3	0.1	0.2	0.2
P2O5	0.25	0.25	0.28	0.30	0.30	0.22	0.30	0.26
Cr2O3	0.43	0.84	0.52	0.69	0.49	0.52	0.53	0.52
NiO%,(ppm)								
FeS	6.90	0.31	7.82	0.31	6.40	6.21	7.50	6.41
Fe			2.57		15.19	7.04	5.59	6.43
Ni%,(ppm)	0.53	(150)	1.32	(214)	1.35	0.97	0.86	1.04
Co%,(ppm)	<0.03	(<30)	0.050	(<30)	0.075	0.038	0.052	0.036
S								
Total	99.81	100.15	99.69	99.88	100.11	99.92	99.93	99.89
Total Fe	20.17	14.16	24.64	14.45	27.57	22.22	20.67	22.42

Name	Y-82066 Euc	Y-82082 Euc	Y-82091 Euc	Y-82094 CO3	Y-82095 L3	Y-82111 H6	Y-82133 H3	Y-82162 C1
SiO2	47.74	47.95	48.20	34.21	39.01	35.38	35.66	26.99
TiO2	0.61	0.42	0.46	0.20	0.11	0.09	0.08	0.23
Al2O3	13.84	12.30	11.70	5.67	2.67	1.81	1.87	2.26
Fe2O3	0.0	2.39	1.07	0	0.0	1.6	6.27	2.32
FeO	17.71	18.33	16.51	14.28	15.03	12.26	15.01	10.85
MnO	0.50	0.30	0.49	0.18	0.30	0.36	0.40	0.31
MgO	7.27	7.17	10.47	26.92	25.54	25.11	23.16	20.19
CaO	10.83	9.73	9.66	2.55	1.77	1.64	1.60	2.04
Na2O	0.49	0.45	0.38	0.39	0.93	0.67	0.59	0.87
K2O	0.05	0.04	0.02	0.03	0.09	0.08	0.16	0.13
H2O(-)	0.00	0.00	0.00	0.30	0.25	0.12	1.09	3.94
H2O(+)	0.6	0.2	0.44	0.1	0.2	0.2	2.1	8.01
P2O5	0.14	0.20	0.11	0.36	0.23	0.33	0.34	0.36
Cr2O3	0.36	0.11	0.50	0.54	0.51	0.43	0.53	0.48
NiO%,(ppm)								1.28
FeS				4.04	6.57	6.22	7.00	20.08
Fe				9.05	6.07	12.68	2.65	
Ni%,(ppm)	(16)	(19)	(10)	1.10	0.78	1.56	1.26	
Co%,(ppm)	(<30)	(<20)	(<30)	0.069	0.039	0.057	0.044	0.039
S	0.25	0.21	0.13					
Total	100.39	99.80	100.14	99.98	100.09	100.59	99.81	100.37
Total Fe	13.77	15.92	13.58	22.72	21.92	27.28	23.16	22.81

Name	Y-82178 L6	Y-82187 L6	Y-82188 H5	Y-82192 Ano(Br)	Y-82193 Ano(Br)	Y-82209 Euc	Y-82210 Euc	Y-8410 LL5
SiO2	40.33	40.41	35.71	43.05	44.34	46.75	47.89	39.06
TiO2	0.11	0.13	0.11	0.22	0.24	0.86	0.73	0.11
Al2O3	3.25	2.84	2.46	27.78	28.35	13.52	11.60	2.22
Fe2O3	0	0	0	1.47	0.37	0.52	0.93	1.05
FeO	14.43	14.13	10.79	3.69	4.96	17.03	19.23	16.63
MnO	0.34	0.33	0.25	0.08	0.04	0.51	0.46	0.41
MgO	26.93	26.36	23.46	5.64	5.26	9.13	8.39	25.47
CaO	1.93	1.98	1.81	16.28	15.76	9.91	9.02	1.68
Na2O	1.00	0.93	0.85	0.45	0.44	0.41	0.36	0.82
K2O	0.12	0.11	0.08	0.02	0.05	0.04	0.05	0.09
H2O(-)	0.00	0.00	0.15	0.10	<0.05	0.00	0.03	0.22
H2O(+)	0.0	0.0	0.1	0.63	<0.1	0.35	0.5	0.3
P2O5	0.36	0.24	0.29	0.15	0.09	0.26	0.26	0.11
Cr2O3	0.52	0.56	0.52	0.10	0.06	0.43	0.33	0.49
NiO%,(ppm)								
FeS	5.03	4.27	4.85			0.16		5.63
Fe	4.89	6.48	16.99					4.61
Ni%,(ppm)	1.18	0.94	1.30	0.01	(84)	(42)	(104)	1.21
Co%,(ppm)	0.053	0.065	0.054	<0.003		(<30)	(<30)	0.023
S				0.19			0.46	
Total	100.47	99.77	99.77	99.86	100.11	99.88	100.24	100.13
Total Fe	19.31	20.17	28.46	3.90	4.12	13.70	15.60	21.85

Name	Y-8435	Y-86032	Y-86720	Y-86751	Y-86787	Y-86796	A-8603	A-87272
	L6	Ano(Br)	CM2	CV3	L6	H6	H4	Euc(mon)
SiO2	39.59	43.64	30.37	32.84	39.66	34.78	34.80	46.98
TiO2	0.15	0.03	0.11	0.11	0.10	0.08	0.07	0.18
Al2O3	2.84	29.08	3.09	3.16	2.07	1.78	2.87	13.27
Fe2O3	0	<0.05	0.0	0.47	0.5	0.66	0	0.0
FeO	15.46	5.03	16.06	24.59	14.99	10.66	11.20	19.57
MnO	0.34	0.03	0.19	0.17	0.42	0.33	0.46	0.36
MgO	25.77	5.03	23.07	24.45	25.85	23.14	23.59	7.29
CaO	2.33	16.63	1.99	2.51	1.71	1.40	1.49	11.02
Na2O	1.02	0.44	0.63	0.41	0.81	0.67	0.68	0.42
K2O	0.08	<0.02	0.05	0.04	0.09	0.07	0.07	0.05
H2O(-)	0.14	<0.05	1.6	0.70	0.00	0.20	0.00	0.05
H2O(+)	0.2	<0.1	4.8	0.6	0.1	0.4	0.0	0.1
P2O5	0.25	0.06	0.22	0.44	0.32	0.28	0.23	0.27
Cr2O3	0.57	0.09	0.43	0.49	0.49	0.42	0.32	0.13
NiO%,(ppm)								
FeS	5.35		13.22	6.02	5.20	6.70	5.49	0.80
Fe	5.44		3.18	2.35	7.23	16.44	17.20	0
Ni%,(ppm)	0.98		1.19	1.24	1.09	1.77	1.24	(78)
Co%,(ppm)	0.028		0.048	0.048	0.022	0.046	0.072	(<30)
S								
Total	100.53	100.28	100.24	100.63	100.65	99.82	99.78	100.49
Total Fe	20.86	3.94	24.06	25.61	22.53	29.45	29.40	15.72

Name	A-881280	A-881334	A-881371	A-881377	A-881388	A-881394	A-881458	A-881467
	CM2	CM2	Ang	Dio	Euc	Euc(cum)	CM2	Euc(cum)
SiO2	25.16	27.58	37.30	50.35	46.80	49.92	26.10	46.45
TiO2	0.23	0.14	0.88	0.13	0.42	0.20	0.16	0.53
Al2O3	2.50	2.56	10.07	2.29	13.86	15.39	1.95	14.24
Fe2O3	0	0.21	0.63	0.95	0.76	0.67	0	0.74
FeO	10.75	14.10	23.43	15.72	18.06	12.74	14.60	18.69
MnO	0.18	0.19	0.20	0.36	0.29	0.29	0.19	0.29
MgO	17.68	18.85	14.81	27.86	7.02	9.45	19.55	6.25
CaO	1.36	1.76	12.51	1.27	11.13	11.53	1.96	10.73
Na2O	0.44	0.24	0.03	0.02	0.45	0.07	0.42	0.52
K2O	0.06	0.04	<0.02	<0.02	0.03	<0.02	0.03	0.05
H2O(-)	5.95	4.38	0.00	0.00	0.20	0.00	3.37	0.00
H2O(+)	17.6	13.9	0.0	0.2	0.19	0.0	15.6	0.54
P2O5	0.36	0.39	0.17	trace	0.31	0.03	0.37	0.24
Cr2O3	0.33	0.34	0.13	0.54	0.15	0.33	0.34	0.15
NiO%,(ppm)								
FeS	12.64	11.26					11.34	
Fe	3.11	2.60					2.36	
Ni%,(ppm)	1.15	1.27	(233)	(62)	(18)	(53)	1.26	(13)
Co%,(ppm)	0.019	0.048	(<30)	(<30)	(<30)	(<30)	0.018	(<30)
S			0.59	0.14	0.19	0.08		0.74
Total	99.51	99.85	100.77	99.85	99.86	100.72	99.61	100.16
Total Fe	19.50	20.86	18.65	12.88	14.57	10.37	20.91	15.05

Name	A-881526 Dio	A-881551 C6	A-881594 CM2	A-881655 CM2	A-881725 LL6	A-881757 Lunar	A-881819 Euc	A-881931 Ure
SiO2	52.99	32.20	26.99	31.41	31.30	45.36	47.32	37.70
TiO2	0.03	0.14	0.14	0.16	0.13	1.66	0.16	0.03
Al2O3	0.99	2.64	2.86	2.68	2.84	11.49	13.42	0.51
Fe2O3	2.06	6.47	6.19	16.33	10.52	0.6	0	3.56
FeO	14.72	20.65	13.63	7.95	15.54	21.18	17.45	16.20
MnO	0.32	0.25	0.29	0.27	0.26	0.25	0.45	0.32
MgO	27.19	25.42	20.33	24.15	24.46	6.41	10.15	35.26
CaO	1.21	2.40	2.34	2.67	1.84	11.99	10.11	1.34
Na2O	0.03	0.31	0.13	0.26	0.32	0.50	0.28	0.21
K2O	0.02	0.05	0.04	0.06	0.11	0.04	0.02	0.02
H2O(-)	0.00	0.65	1.95	0.56	2.39	0.00	0.00	0.05
H2O(+)	0.05	1.4	12.7	3.3	3.8	0.0	0.1	3.8
P2O5	trace	0.09	0.07	0.30	0.05	0.05	0.07	0.20
Cr2O3	0.62	0.52	0.44	0.51	0.50	0.17	0.23	0.20
NiO%,(ppm)								
FeS		5.28	10.36	7.72	4.00		0.81	0.89
Fe								0
Ni%,(ppm)	0.0062	1.66	1.27	1.41	1.59	(29)	(73)	0.11
Co%,(ppm)	(<30)	0.039	0.036	0.045	0.037	(<30)	(<30)	0.007
S	0.17					0.19		
Total	100.40	100.16	99.76	99.78	99.68	99.89	100.57	100.40
Total Fe	12.88	23.93	21.50	22.50	21.98	16.88	14.07	15.65

Name	A-881955 CM2	A-882023 Mes	A-882094 CO3	A-882113 C4	A-9048 L5
SiO2	26.13	27.93	31.90	31.19	38.44
TiO2	0.13	0.04	0.14	0.07	0.09
Al2O3	2.99	4.88	3.08	2.32	1.98
Fe2O3	15.73	1.79	0.73	16.26	0.3
FeO	4.73	8.80	26.39	12.80	15.97
MnO	0.28	0.28	0.29	0.27	0.39
MgO	19.09	10.01	24.25	24.98	25.95
CaO	1.76	4.39	1.91	2.33	1.73
Na2O	0.12	0.27	0.27	0.32	0.74
K2O	0.04	0.02	0.04	0.04	0.09
H2O(-)	4.56	0.00	0.79	1.27	0.04
H2O(+)	14.2	0.1	3.6	1.8	0.0
P2O5	0.07	0.53	0.05	0.07	0.16
Cr2O3	0.46	0.30	0.51	0.43	0.48
NiO%,(ppm)					
FeS	8.53	0.49	4.24	4.67	5.90
Fe		38.70			7.21
Ni%,(ppm)	1.17	1.96	1.50	1.33	1.15
Co%,(ppm)	0.036	0.12	0.033	0.062	0.058
S					
Total	100.02	100.61	99.72	100.21	100.67
Total Fe	20.10	47.10	24.72	24.29	23.58

CATALOG OF JAPANESE COLLECTIONS OF THE ANTARCTIC METEORITES, COLLECTED FROM DECEMBER 1969 TO DECEMBER 1994

TERMINOLOGY

Class and types: Table 3

Table 3. Classification of meteorites and their abbreviation.

Differentiated meteorites	Iron meteorites (iron) (6%)		Hexahedrite (Hex)	
			Octahedrite (Oct)	
			Ataxite (Ata)	
	Stony-tron meteorites (1%)		Pallasite (Pal)	
			Mesosiderite (Mes)	
			Siderophyre (Sid)	
			Lodranite (Lod)	
	Stony meteorites (stone) (93%)	Achondrites (7%)	Ca-poor achondrites	Aubrite (Aub)
				Ureilite (Ure)
				Diogenite (Dio)
				Chassignite (Cha)
			Ca-rich achondrites (Basaltic achondrites)	Howardite (How)
				Eucrite (Euc)
				Nakhlite (Nak)
				Angrite (Ang)
				Shergottite (She)
				Lunar meteorites (Lunar)
				Anorthositic breccia (Ano Br.)
				Basaltic breccia (Bas Br.)
				Diabase-Gabbro
			Primitive achondrites (Prim. Ach)	Acapulcoite (Aca)
				Winonite (Win)
				Brachinite (Bra)
Primitive meteorites		Chondrites (86%)	Enstatite chondrites	E chondrite (E3-6, 7)
				(F) chondrite (F6, 7)
				(G) chondrite (G7)
			Ordinary chondrites	H chondrite (H3-6, 7) ,
				L chondrite (L3-6)
				LL chondrite (LL3-6, 7)
				(Y) chondrite (Y3-6)
			Carbonaceous chondrites	C chondrite (C1-6)
				(CI, CM, CO, CV, CK, CR)

(%): percent of the fall, H, L, LL: Ordinary chondrites, (F), (G) and (Y) chondrites: Tentative, C: Carbonaceous (I: Ivuna type, M: Mighei type, O: Ornans type, V: Vigarano type, K: Karoonda type, R: Renazzo type), Unique: ungrouped meteorite, Anom: Anomalous, Ter: Terrestrial.

Chemical composition

Olivine composition in mole percent Fe_2SiO_4(Fa)

Pyroxene (orthopyroxene or low-Ca clinopyroxene) composition in mole percent $FeSiO_3$(Fs)

Plagioclase composition in mole percent An or AbAnOr or AnOr

Degree of weathering (*)

A=minor; metal flecks have inconspicuous rust halos, oxide stain along cracks is minor

B=moderate; metal flecks show large rust halos, internal cracks show extensive oxide stain

C=severe; specimen is uniformly stained brown, no metal survives

Location: Fig. 1 and Table 1

A=Asuka, Sør Rondane Mountains
ALH=Allan Hills
B=Belgica Mountains
BTN=Bates Nunataks
DRP=Derrick Peak
MBR=Mount Baldr
MET=Meteorite Hills
PGP=Purgatory Peak
RKP=Reckling Peak
Y=Yamato Mountains

Abbreviations for lithology

(A): characteristic granoblastic texture
(B): characteristic intermediate composition between diogenites and eucrites
(Br): brecciated texture
(cum): cumulate texture
(incl): inclusion
(mon): monomict texture
(pol): polymict texture
(anom): anomalous
: gabbroic
: monomict
: recrystallized
: regolith breccia
: shocked

Abbreviations for minerals

An=anorthite
ap=apatite
aug=augite
CAI=calcium-aluminum-rich inclusions

Ca-rich = calcium-rich
chro = chromite
Cpx = clinopyroxene
Di = diopside ($CaMgSi_2O_6$)
En = enstatite ($Mg_2Si_2O_6$)
Feld = feldspar
Fs = ferrosilite ($Fe_2Si_2O_6$)
Hd = hedenbergite ($CaFeSi_2O_6$)
il = ilmenite
K-feld = K-feldspar
maskl = maskelynite
merr = merrillite
nini = niningerite
ol = olivine
oldh = oldhamite
Or = orthoclase
perr = perryite
pig = pigeonite
Pl = plagioclase
ring = ringwoodite
schr = schreibersite
SiO_2 = silica mineral
sp = spinel
taen = taenite
trid = tridymite (SiO_2)
tro = troilite (FeS)
Wo = wollastonite ($Ca_2Si_2O_6$)

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
<Yamato-69 Meteorites>						
Yamato-691	715	EH3	(0.1-2.5)	(0.3-20.2)	C	Pl(An32-75), En99.2Wo-0.3, tro., nini., oldh., perr., schr., metal(2.2-2.5%Ni, 0.16-0.22%Co)
Yamato-692	138	Dio(A)		23.6(22.2-25.7)	A	En74.0Fs23.8Wo2.2, chro., tro., metal
Yamato-693	150	C4	29.3(28.1-32.2)	(23.9-26.2)	A	
Yamato-694	62	H6	19.5(18.9-20.7)	17.0(15.9-17.8)	B	Pl(An11.5-12.6, Or5.4-6.5)
Yamato-695	38	H5	18.9(18.4-20.2)	16.6(15.7-17.5)	B	Pl(An12.9, Or5.0), merr.
Yamato-696	41	H5	19.0(18.0-20.5)	16.5(15.9-17.1)	A	
Yamato-697	25	H4	18.9(18.0-21.2)	16.2(15.3-18.4)	A	ap.
Yamato-698	10	H6	19.1(17.8-20.6)	16.7(15.9-17.5)	B	Pl(An12.0, 12.8)
Yamato-699	10	H5	19.0(17.9-20.6)	16.6(15.8-17.4)	A	
<Yamato-73 Meteorites>						
Yamato-7301	650	H6	18.8(17.9-19.4)	16.5(16.2-17.0)	C	Pl(An11.0-12.5), En48.5Fs6.0Wo45.5, chro., ap.
Yamato-7302	11	H4	19.6(17.9-34.1)	16.5(16.3-16.9)	B	Pl(An12.2), En72.4Fs13.7Wo13.9, merr.
Yamato-7303	3.5	H4	18.8(18.2-20.0)	16.8(15.7-18.2)	B	Pl(An11.6Or4.3), merr.
Yamato-7304	500	L6	24.6(23.2-25.8)	20.9(20.5-21.1)	B	merr., ap.
Yamato-7305	900	L6	24.3(23.1-25.0)	20.4(20.2-20.7)	B	Pl(An9.3-11.9Or5.2-9.3), chro.
Yamato-7306	4.8	H6	18.1(17.2-18.7)	15.8(15.1-16.2)	B	Pl(An10.0-13.3Or3.5-17.3), chro.
Yamato-7307	18.1	LL6	29.2(28.4-30.3)	23.5(23.0-23.9)	A	Pl(An9.8-10.7), chro., merr.
Yamato-7308	480	How	(14.9-33.0)	(20.5-57.0)		Pl(An84.5-96.2), metal(3.2-54.2%Ni, 0.1-0.4%Co) En32.7-44.0Fs14.5-23.2Wo40.1-41.5, trid., chro., il.
Yamato-7309	9.0	L6	22.5(21.4-24.0)	19.0(18.2-19.9)	B	Pl(An8.8), merr.
Yamato-7310	7.0	H4	18.5(17.4-19.5)	16.3(15.4-16.8)	B	
Yamato-7311	20.3	H6	19.0(18.1--21.0)	16.5(15.9--17.8)	B	Pl(An11.5), maskl.
Yamato-7312	39.8	H5	19.1(18.2-20.1)	16.5(15.7-17.2)	A/B	Pl(An11.1), merr.
<Yamato-74 Meteorites>						
Yamato-74001	246.1	H5	18.3(17.2-19.5)	16.1(15.5-16.6)	C	with H4 clast
Yamato-74002	69.7	LL4	27.9(26.7-28.4)	22.9(22.5-23.4)	A	
Yamato-74003	15.5	L6	25.2(24.6-25.9)	21.1(20.7-22.2)	B	maskl.
Yamato-74004	8.05	H5	19.0(17.1-20.1)	16.7(15.9-17.3)	B/C	
Yamato-74005	3.69	Dio(A)	-		A	chro.
Yamato-74006	35.83	H6	19.1(18.2-20.7)	16.5(15.0-17.1)	B	En62.9Fs10.6Wo26.6, En48.9Fs6.1Wo44.9
Yamato-74007	162.3	L6	24.8(24.3-25.7)	20.6(19.9-21.5)	B	Pl(An9.8-11.7, 24.5)
Yamato-74008	14.31	H	18.5(17.3-21.9)	16.2(14.8-19.8)	C	regolith breccia
Yamato-74009	8.97	L5	24.5(23.4-25.4)	20.6(20.0-21.6)	B	merr., ap.
Yamato-74010	298.5	Dio(A)	-	23.5(21.4-24.7)	A	En73.9-75.2Fs22.9-23.6Wo1.9-2.5, chro.
Yamato-74011	206.0	Dio(A)	-	24.3(23.0-25.6)	A	En72.1-74.6Fs24.4-24.9Wo2.5-3.0, chro.
Yamato-74012	75.4	H5	18.9(18.1-19.9)	15.5(16.1-17.0)	B	
Yamato-74013	2059.5	Dio(A)	-	24.3(23.0-25.6)	A	En72.3-74.8Fs23.2-24.8Wo2.0-2.9, chro., tro.
Yamato-74014	2367.9	H6	18.8(17.8-19.5)	16.3(15.7-16.7)	B	Pl(An10.7-11.6, 24.6)
Yamato-74015	88.0	L6	24.6(23.6-25.9)	20.3(19.4-21.0)	B	Pl(An12.1), merr., maskl.
Yamato-74016	11.54	H6	19.1(18.1-19.9)	16.8(15.8-17.6)	B/C	En48.9Fs6.1Wo45.0, merr.
Yamato-74017	3.23	H6				same as Y-74016
Yamato-74018	5.25	LL6	29.8(28.8-30.5)	24.1(23.8-24.5)	B	Pl(An9.6, 9.9), merr.
Yamato-74019	6.02	H4	18.8(18.0-20.1)	16.1(15.4-18.5)	B	merr., ap.
Yamato-74020	0.56	L5	24.3(23.5-24.9)	20.7(20.2-21.3)	B/C	
Yamato-74021	39.3	H5	18.8(17.9-21.8)	16.0(15.3-16.6)	C	merr.
Yamato-74022	34.7	LL5	26.7(25.7-29.0)	22.1(21.7-22.6)	A	
Yamato-74023	6.30	L6	22.9(21.8-24.7)	19.4(18.4-20.0)	B	Pl(An9.8,10.7), merr., maskl.
Yamato-74024	50.0	L3	22.8(0.8-26.0)	10.5(2.4-18.7)	A	
Yamato-74025	14.0	Win	1.6(1.3-2.3)	2.2(1.7-2.4)	B	Pl(An15.1-26.8), En53.3Fs1.0Wo45.7
Yamato-74026	5.24	H6	19.4(18.6-20.0)	17.0(16.7-17.5)	C	maskl.
Yamato-74027	35.7	L6	25.4(24.4-26.8)	20.8(20.4-21.4)	B	with granular clast
Yamato-74028	90.2	L6	24.7(24.4-25.0)	21.0(20.4-22.2)	B	Pl(An10.1-11.2), En45.4-47.8Fs8.6-8.9Wo44.8-46, chro.
Yamato-74029	4.3	H4	17.9(17.1-18.5)	15.6(14.7-16.2)	B/C	Pl(An9.7-10.8), merr., angular tro.
Yamato-74030	7.82	L6	25.3(24.5-26.9)	21.2(20.2-22.3)	B	Pl(An10.1), ap.
Yamato-74031	6.1	Dio(A)	-		A	chro.
Yamato-74032	14.1	H4	19.0(18.4-20.4)	16.8(16.1-17.1)	B	En57.3Fs9.1Wo33.6, merr.
Yamato-74033	2.9	L3	16.5(4.2-28.1)	22.5(0.7-28.1)	B	Ab87.4An5.4Or7.2
Yamato-74034	27.6	H	19.1(18.2-20.0)	16.3(15.9-17.0)	B	En58.0Fs11.1Wo31.0
Yamato-74035	115.7	L6	24.7(22.6-25.7)	20.6(19.6-21.5)	B	Pl(An10.0-10.3), merr., ap.
Yamato-74036	201.4	L6	24.7(23.6-25.8)	20.6(19.6-21.4)	B	Pl(An9.5-12.5)
Yamato-74037	591.9	Dio(A)	-	24.1(23.0-25.5)	A	chro.
Yamato-74038	208.9	H5	19.0(17.6-20.2)	16.6(16.0-18.0)	B	merr.
Yamato-74039	47.6	L6	24.6(23.8-25.5)	20.5(18.6-21.3)	A	Pl(An9.1-11.9), merr., ap.
Yamato-74040	35.17	L6	24.4(23.8-25.8)	20.5(19.4-21.5)	B	Pl(An9.6-12.0)
Yamato-74041	1.79	H5	18.6(17.7-20.3)	16.9(15.9-18.2)	B	
Yamato-74042	3.85	H4	18.1(15.3-22.0)	15.5(14.3-16.3)	B	
Yamato-74043	5.19	H4	19.1(14.7-21.3)	15.4(6.9-24.2)	B	
Yamato-74044	51.8	Pal	11.9(10.5-12.4)	-	B	metal(10.6%Ni 0.75%Co), chro., tro., taen(46.9%Ni)
Yamato-74045	39.82	L6	25.1(24.2-26.3)	21.1(20.9-21.5)	B	Pl(An9.0, 9.3), En47.3Fs7.6Wo45.1, En47.6Fs8.9Wo43.5 En47.2Fs8.4Wo44.4, merr., ap.
Yamato-74046	2.22	L6	25.0(24.3-26.0)	20.9(20.2-21.6)	B	Pl(An9.9), En46.8Fs8.2Wo45.0, En47.1Fs7.4Wo45.5, merr.
Yamato-74047	2.22	L4	23.2(22.4-25.8)	19.9(17.8-21.1)	B	En75.6Fs19.2Wo5.1, En71.0Fs15.1Wo13.9
Yamato-74048	67.1	LL6	29.7(28.7-30.4)	24.2(23.2-25.6)	B	Pl(An10.1, 10.4), merr., ap.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74049	13.12	H4	19.1(17.7-20.1)	17.1(15.6-19.2)	B	with clast
Yamato-74050	18.88					
Yamato-74051	20.93					
Yamato-74052	58.18					
Yamato-74053	88.48					
Yamato-74054	134.9	H4				
Yamato-74055	13.04					
Yamato-74056	19.14					
Yamato-74057	16.32					
Yamato-74058	19.72					
Yamato-74059	16.37					
Yamato-74060	17.1					
Yamato-74061	9.30	H	19.1(17.7-20.1)	17.1(15.6-19.2)		shocked, black vein, with H4 clast
Yamato-74062	10.46					
Yamato-74063	35.41	Unique(G)	10.9(10.5-11.4)	10.9(10.3-12.5)	B	chondrite (unique), Pl(An13.5), En50.7-52.1Fs4.1-4.7Wo43.4-45.0
Yamato-74064	2.0	H5	18.7(18.0-21.3)	16.5(15.8-17.0)	B	maskl.
Yamato-74065	12.1	L6	24.4(23.3-24.8)	20.2(19.6-21.1)	A	with L4 clast
Yamato-74066	12.4					
Yamato-74067	4.0	H6	19.2(18.1-20.0)	16.6(15.3-18.0)	B	Pl(An11.4)
Yamato-74068	5.41	H5	19.0(18.4-21.1)	16.9(15.4-19.4)	B	merr.
Yamato-74069	18.57	H6	19.9(19.1-20.5)	17.2(16.2-18.1)	B	Pl(An10.3-12.3)
Yamato-74070	58.7	H5	18.7(17.9-19.6)	16.6(15.9-17.2)	B	
Yamato-74071	17.55	H4	19.1(17.7-20.1)	17.1(15.6-19.2)	B	Pl(An12.9Or2.9), merr., maskl., with H6 clast
Yamato-74072	29.0	H5			B	
Yamato-74073	29.9	H5				
Yamato-74074	54.2	H5				
Yamato-74075	5.05	H6	18.7(17.4-19.8)	16.5(15.1-18.2)	B	Pl(An11.6-12.3), En48.6Fs6.5Wo45.0
Yamato-74076	20.36	L6	24.5(23.5-25.2)	20.3(19.7-20.9)	A	Pl(An10.4-11.1)
Yamato-74077	5575.1	L6	21.8(20.9-23.2)	18.4(17.5-19.1)	A	
Yamato-74078	15.88	H4	19.5(18.8-20.3)	17.0(16.7-17.6)		Pl(An12.9)
Yamato-74079	620.8	H5	17.3(16.4-18.6)	15.6(15.1-16.7)		A/B
Yamato-74080	536.9	L6	24.8(23.8-26.8)	20.6(20.3-21.0)	A	En46Fs8Wo46
Yamato-74081	102.5	H4	18.3(17.3-19.6)	15.9(15.4-16.4)	C	En48.3Fs6.0Wo44.7
Yamato-74082	179.8	H4	19.0(18.0-20.1)	16.9(15.8-18.4)	B	merr.
Yamato-74083	3.31	H4	17.7(16.7-18.2)	15.6(14.5-16.5)	B	
Yamato-74084	2.26	L6	24.6(23.7-25.6)	20.7(20.3-21.7)	B	Pl(An11.6, 11.0)
Yamato-74085	30.5	H4	18.2(16.9-19.3)	15.9(14.9-16.9)	B/C	En72.4Fs13.4Wo14.2, En48.4Fs6.4Wo45.1
Yamato-74086	0.97	H5	18.2(17.6-19.0)	15.9(15.5-16.2)	B	
Yamato-74087	0.78	L5	24.9(24.2-25.6)	20.8(19.8-21.2)	A/B	
Yamato-74088	14.28	H4	17.6(16.9-18.3)	15.9(14.4-19.3)	B	shocked
Yamato-74089	43.36	H4	17.6(17.1-18.1)	15.5(15.2-15.9)	B	merr., ap.
Yamato-74090	1.01	L6	24.9(24.0-25.7)	20.7(20.0-22.4)	B	Pl(An9.4-10.6), merr., ap.
Yamato-74091	2.30	L6	24.5(23.5-25.2)	20.8(20.4-21.6)	A/B	
Yamato-74092	3.23	H6	19.3(18.6-20.0)	16.7(16.1-17.3)	B	Pl(An11.6), En47.1Fs6.0Wo46.9, merr.
Yamato-74093	6.59	L6	24.8(23.6-26.1)	20.8(20.1-21.7)	B	maskl.
Yamato-74094	867.2	H6	19.0(17.5-19.8)	16.6(15.9-17.2)	C	with clast
Yamato-74095	65.92	L6	25.2(24.5-26.4)	20.8(19.2-21.7)	B/C	Pl(An9.5), En47.0Fs8.1Wo44.9
Yamato-74096	16.19	Dio(A)	-		A	chro.
Yamato-74097	2193.9	Dio(A)	-	23.7(22.9-25.0)	A	chro.
Yamato-74098	9.10	H5	18.9(17.1-19.7)	16.9(16.7-17.0)	B/C	
Yamato-74099	27.36	H5	18.6(17.8-19.3)	16.2(15.7-16.7)	B	
Yamato-74100	15.45	L6	25.8(24.5-26.7)	20.9(19.9-21.5)	A	Pl(An9.8,8.2,11.5), merr.
Yamato-74101	9.10	H5	18.9(17.3-20.4)	16.5(15.7-18.0)	A/B	
Yamato-74102	2.99	H5	18.8(17.5-19.5)	16.4(15.4-17.1)	A/B	with H6 clast
Yamato-74103	21.59	H6	19.3(18.8-20.3)	17.2(16.7-17.7)	B	Pl(An11.5, 12.1, 12.5), merr.
Yamato-74104	21.8	H6	19.2(18.5-20.1)	16.7(15.0-17.4)	A/B	Pl(An10.9-12.1)
Yamato-74105	25.66	H6	19.4(18.6-20.2)	16.8(16.2-17.5)	B	Pl(An11.2-12.2), En48.4Fs6.6Wo45.0
Yamato-74106	146.6	H6	17.9(17.1-18.7)	15.8(15.1-16.4)		Pl(An12.1)
Yamato-74107	114.0	H5	18.2(17.1-19.1)	16.0(13.7-17.2)		
Yamato-74108	139.3	H5	18.3(17.7-18.8)	15.9(14.0-17.1)		
Yamato-74109	43.67	Dio(A)	-		A	chro.
Yamato-74110	90.1	H5	18.5(17.1-19.4)	16.1(15.4-17.4)	C	
Yamato-74111	58.0	H5	18.3(17.2-19.4)	16.0(14.6-17.7)	B/C	
Yamato-74112	45.52	H5	18.7(18.2-19.3)	16.5(15.5-18.5)		brec.
Yamato-74113	28.21	H5	18.4(17.8-19.3)	16.2(15.6-16.9)		brec., Pl(An11.9), En48.6Fs5.1Wo46.3, merr.
Yamato-74114	42.28	L4	24.7(23.7-25.6)	20.7(19.8-22.1)		En46.8Fs6.5Wo46.7, merr.
Yamato-74115	1045.1	H5	17.7(16.9-18.8)	15.8(14.2-16.8)	B	merr.
Yamato-74116	68.9	L5	24.6(23.1-25.5)	20.5(19.9-21.1)	C	Pl(An9.9)
Yamato-74117	80.2	L6	24.6(24.1-25.1)	20.4(19.5-21.3)	A	Pl(An10.0-12.9), chro., merr.
Yamato-74118	845.1	L6	24.5(23.4-25.2)	20.8(19.7-21.6)	A	Pl(An8.3, 7.5)
Yamato-74119	4.36	L6	24.9(23.8-27.7)	21.0(20.0-22.6)		Pl(An9.3-10.1), maskl.
Yamato-74120	90.5	L6	24.8(24.4-25.2)	21.1(20.4-22.4)	B	Pl(An9.6-12.2), maskl.
Yamato-74121	8.53	H6	19.7(18.9-20.4)	17.1(16.2-18.3)		Pl(An11.8-13.7), En47.4Fs5.6Wo47.0
Yamato-74122	53.89	H4	17.5(16.6-19.1)	15.4(14.6-16.5)		chro., merr.
Yamato-74123	69.9	Ure	(6.6-21.4)	(17.4-18.1)	B	En75Fs18.4Wo6.6
Yamato-74124	62.4	H4	18.5(16.9-19.2)	15.8(14.9-16.7)	B	Pl(An12.1), En51.6Fs16.2Wo42.3
Yamato-74125	107.0	Dio(A)	-		A	chro.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74126	14.52	Dio(A)	-		A	chro.
Yamato-74127	19.20	L6	24.7(23.7-25.8)	20.6(19.5-21.2)		Pl(An9.0-10.5)
Yamato-74128	40.98	L6	25.0(24.4-26.5)	21.1(20.5-21.6)		Pl(An10.3), En45.8Fs8.7Wo45.4
Yamato-74129	6.57	L6				same as Y-74128
Yamato-74130	17.9	Ure	(8.2-22.4)	(17.7-19.1)	C	En55.3Fs12.7Wo32.1
Yamato-74131	18.06	H5	19.1(17.8--21.0)	16.6(15.4-17.4)		with H6 clast
Yamato-74132	2.37	H5	18.4(17.0-19.9)	16.0(15.3-16.7)		Pl(An11.7), merr.
Yamato-74133	3.36	H4	18.5(17.5-19.1)	16.0(15.3-17.2)		
Yamato-74134	3.08	H4	18.8(17.8-19.5)	16.4(15.3-17.7)		
Yamato-74135	7.75	CO3	1.9(0.1-28.2)	5.6(0.5-10.8)		
Yamato-74136	725.0	Dio(A)	-	23.4(22.3-23.9)	A	chro., tro.
Yamato-74137	26.32	H6	19.2(18.2-21.0)	16.7(15.8-17.6)		shocked
Yamato-74138	22.9	H3	17.1(0.3-36.9)	14.5(3.0-25.9)	A/B	En48.7Fs5.7Wo45.5, trid.
Yamato-74139	5.10					
Yamato-74140	4.29					
Yamato-74141	9.57					
Yamato-74142	29.5	H3	16.9(10.9-27.9)	13.4(1.0-16.9)	A	trid.
Yamato-74143	4.89	H6	19.0(17.5-20.0)	16.6(15.8-18.2)		shocked
Yamato-74144	141.4	L6	24.8(24.3-26.2)	21.0(19.9-21.8)	B	Pl(An11.2), merr., maskl.
Yamato-74145	0.6	H6	18.7(17.4-19.6)	16.5(15.0-17.3)		Pl(An12.0), merr.
Yamato-74146	8.55	H4				same as Y-74147
Yamato-74147	5.93	H4	17.2(16.3-18.3)	15.1(14.1-15.9)		
Yamato-74148	1.02	H5	18.5(15.3-23.5)	16.2(15.3-17.3)		maskl.
Yamato-74149	0.70	H6	18.1(17.4-19.1)	15.8(14.8-16.5)		Pl(An13.3, 13.1)
Yamato-74150	33.56	Dio(A)	-		A	chro.
Yamato-74151	49.42	Dio(A)	-		A	chro.
Yamato-74152	3.92	H4	18.3(17.1-18.8)	16.0(15.2-16.3)		
Yamato-74153	6.17	L4	24.6(23.5-26.5)	20.5(19.8-22.8)		
Yamato-74154	2.83	Ure	(4.9-15.4)	(10.0-11.0)	A	recrystalline, En78.8-87.7Fs6.0-13.1Wo2.7-12.5
Yamato-74155	3073.4	H4	18.5(17.6-19.2)	16.0(14.5-17.9)	A	
Yamato-74156	714.7	H4				
Yamato-74157	44.31	L6	24.8(23.6-25.7)	20.5(19.7-21.8)	B	merr.
Yamato-74158	91.5	L6	24.8(23.6-25.7)	20.5(19.7-21.8)		An(10.8,10.0), merr.
Yamato-74159	98.2	Euc(pol)	72.2	(26.7-52.5)	A	Pl(An68.1-94.8), En19.2-68.9Fs26.7-59.6Wo2.3-38.0 basaltic clast; Pl(An79.8-89.7), En18.1-65.9Fs28.7-56.6Wo5.4-28.4
				(27.4-32.2)		glassy clast; Pl(An81.1-93.7), En20.6-68.3Fs26.4-55.5Wo3.5-23.9
Yamato-74160	31.4	LL7	29.4(28.2-30.6)	23.1(22.0-24.1)	A	Pl(An4.5-22.8), En42.7Fs11.1Wo41.8
Yamato-74161	42.09	L6	24.9(24.1-25.7)	20.7(20.0-21.2)		
Yamato-74162	3.86	Dio(A)	-		A	chro.
Yamato-74163	134.2	H5	17.7(16.7-18.6)	15.8(15.0-16.5)	C	
Yamato-74164	248.8	L6	24.8(24.2-25.5)	20.7(19.9-21.9)	A	Pl(An9.3-10.6), En46.6Fs8.1Wo45.3, merr.
Yamato-74165	203.4	L6	24.7(23.9-25.4)	20.4(19.9-20.7)	C	Pl(An10.8), maskl.
Yamato-74166	1.4	H3			B	
Yamato-74167	2.1	H3	18.1(17.6-19.4)	15.5(13.8-16.4)		
Yamato-74168	1.59	E5	0.1(0-2.4)	0.5	B	
Yamato-74169	0.78					
Yamato-74170	0.88					
Yamato-74171	4.65	LL3	10.2(3.2-26.7)	25.3(6.7--30.7)		
Yamato-74172	47.0	L4	24.9(23.1-26.0)	20.1(14.6-22.2)		with L6 clast
Yamato-74173	17.10	L6			B	
Yamato-74174	20.9	L6	24.6(23.6-26.7)	20.6(20.0-21.0)		
Yamato-74175	23.1	L6	24.0(23.1-24.9)	20.3(19.7-22.5)		En46.6Fs7.4Wo46.0
Yamato-74176	4.7		24.0(21.8-26.4)	20.7(19.9-23.4)		Pl(An10.4-12.4), En42.1-55.1Fs8.5-22.2Wo22.6-46.9
Yamato-74177	4.09					
Yamato-74178	7.20					
Yamato-74179	7.43					
Yamato-74180	3.73					
Yamato-74181	1.67					
Yamato-74182	10.70	L6			A	
Yamato-74183	3.0	L6	24.6(24.0-25.4)	20.6(20.3-21.6)		Pl(An10.2-11.1), En45.4-46.9Fs6.9-8.4Wo45.8-46.9
Yamato-74184	2.52					
Yamato-74185	0.39					
Yamato-74186	5.17	H4	19.0(18.2-19.7)	16.3(15.4-17.4)		
Yamato-74187	6.5	H5			C	
Yamato-74188	6.82					
Yamato-74189	1.54	H6	19.1(17.9-20.0)	16.7(16.0-17.3)		Pl(An11.9-12.4), En48.0Fs6.9Wo45.1, merr.
Yamato-74190	3235.7	L6	24.5(23.8-25.5)	20.6(19.7-21.4)	A	Pl(An20), chro., ap., maskl.
Yamato-74191	1091.6	L3	18.8(12-25)	(4-25)	A	
Yamato-74192	420.3	H5	18.2(17.7-18.9)	15.8(15.5-16.0)	C	
Yamato-74193	1818.5	H5	19.2(18.3-19.7)	16.7(15.4-19.7)	B	Pl(An11.6, 12.3)
Yamato-74194	4.78	H5	18.8(17.0-22.2)	17.1(16.4-17.7)	C	
Yamato-74195	3.55					
Yamato-74196	2.79					
Yamato-74197	5.27					
Yamato-74198	5.7	H6	18.2(17.9-18.7)	16.4(16.3-16.7)		chro.
Yamato-74199	3.28					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74200	5.07					
Yamato-74201	5.00					
Yamato-74202	8.1					
Yamato-74203	11.22					
Yamato-74204	5.00					
Yamato-74205	3.40					
Yamato-74206	6.44					
Yamato-74207	4.15					
Yamato-74208	7.74					
Yamato-74209	4.98					
Yamato-74210	7.93					
Yamato-74211	4.53					
Yamato-74212	2.16					
Yamato-74213	6.3					
Yamato-74214	6.78					
Yamato-74215	2.75					
Yamato-74216	3.49					
Yamato-74217	8.06					
Yamato-74218	6.54					
Yamato-74219	9.11					
Yamato-74220	5.80					
Yamato-74221	8.45					
Yamato-74222	8.16					
Yamato-74223	6.14					
Yamato-74224	5.16					
Yamato-74225	2.50					
Yamato-74226	4.84					
Yamato-74227	8.96					
Yamato-74228	11.63					
Yamato-74229	9.05					
Yamato-74230	4.44					
Yamato-74231	3.66					
Yamato-74232	1.89	L6	24.9(23.6-25.9)	20.6(19.9-22.2)		Pl(An10.6), merr., maskl.
Yamato-74233	0.23					
Yamato-74234	25.9	H5	18.8(17.0-22.2)	17.1(16.4-17.7)		
Yamato-74235	14.69					
Yamato-74236	12.6					
Yamato-74237	8.16					
Yamato-74238	6.90					
Yamato-74239	7.55					
Yamato-74240	4.18					
Yamato-74241	3.69					
Yamato-74242	1.72					
Yamato-74243	1.14					
Yamato-74244	9.8					
Yamato-74245	7.12					
Yamato-74246	11.40					
Yamato-74247	5.66					
Yamato-74248	7.82					
Yamato-74249	7.10					
Yamato-74250	7.2	H6	18.5(18.0-19.0)	16.4(15.6-17.6)		Pl(An10.7Or4.4)
Yamato-74251	5.73					
Yamato-74252	5.14					
Yamato-74253	1.14					
Yamato-74254	7.97					
Yamato-74255	5.06					
Yamato-74256	4.96					
Yamato-74257	4.45					
Yamato-74258	2.61					
Yamato-74259	2.24					
Yamato-74260	2.62					
Yamato-74261	1.07					
Yamato-74262	0.71					
Yamato-74263	0.83					
Yamato-74264	0.44					
Yamato-74265	11.4	H5				
Yamato-74266	5.50					
Yamato-74267	3.47					
Yamato-74268	5.43					
Yamato-74269	5.09					
Yamato-74270	5.08					
Yamato-74271	4.40					
Yamato-74272	5.01					
Yamato-74273	2.82					
Yamato-74274	2.33					
Yamato-74275	8.82					
Yamato-74276	7.12					
Yamato-74277	6.31					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74278	4.25					
Yamato-74279	5.03					
Yamato-74280	4.66					
Yamato-74281	5.39					
Yamato-74282	4.06					
Yamato-74283	3.60					
Yamato-74284	2.55					
Yamato-74285	8.26					
Yamato-74286	5.77					
Yamato-74287	7.57					
Yamato-74288	4.89					
Yamato-74289	4.04					
Yamato-74290	4.90					
Yamato-74291	4.83					
Yamato-74292	3.50					
Yamato-74293	2.39					
Yamato-74294	1.49					
Yamato-74295	11.16					
Yamato-74296	5.85					
Yamato-74297	3.85					
Yamato-74298	6.25					
Yamato-74299	3.12					
Yamato-74300	4.17					
Yamato-74301	3.98					
Yamato-74302	6.37					
Yamato-74303	1.45					
Yamato-74304	2.12					
Yamato-74305	5.56					
Yamato-74306	5.0					
Yamato-74307	3.87					
Yamato-74308	3.01					
Yamato-74309	3.06					
Yamato-74310	3.42					
Yamato-74311	1.34					
Yamato-74312	1.39					
Yamato-74313	0.79					
Yamato-74314	0.34					
Yamato-74315	5.54					
Yamato-74316	8.75					
Yamato-74317	6.23					
Yamato-74318	4.74					
Yamato-74319	6.4					
Yamato-74320	3.24					
Yamato-74321	2.69					
Yamato-74322	1.68					
Yamato-74323	0.67					
Yamato-74324	0.54					
Yamato-74325	8.57					
Yamato-74326	4.12					
Yamato-74327	2.89					
Yamato-74328	4.24					
Yamato-74329	2.81					
Yamato-74330	2.17					
Yamato-74331	2.22					
Yamato-74332	2.19					
Yamato-74333	0.98					
Yamato-74334	1.06					
Yamato-74335	4.17					
Yamato-74336	3.72					
Yamato-74337	3.12					
Yamato-74338	2.09					
Yamato-74339	1.85					
Yamato-74340	1.21					
Yamato-74341	0.86					
Yamato-74342	0.79					
Yamato-74343	42.38	H5	18.3(17.1-19.3)	16.8(15.8-18.4)		merr.
Yamato-74344	1.42	Dio(A)	-	24	A	chro.
Yamato-74345	8.41	H6	19.0(18.3-19.7)	16.1(15.0-16.7)		Pl(An11.3-12.8), merr.
Yamato-74346	82.35	H5	18.4(17.8-18.9)	16.2(15.6-17.0)		En51.8Fs6.1Wo42.1
Yamato-74347	7.85	Dio(A)	-	24	A	chro.
Yamato-74348	24.0	H5	19.1(18.5-20.5)	16.6(16.0-17.4)	C	merr.
Yamato-74349	5.0	H5	18.9(18.3-19.7)	16.5(15.7-17.9)		En48.7Fs5.6Wo45.7, merr.
Yamato-74350	4.78					
Yamato-74351	3.40					
Yamato-74352	4.92					
Yamato-74353	1.55					
Yamato-74354	2721.1	L6	25.3(24.6-25.9)	21.2(20.1-22.1)	A	Pl(An9.9, 10.8), En47.9Fs7.8Wo44.3, merr., ap.
Yamato-74355	82.9	L4	24.7(23.3-25.8)	20.8(19.8-21.2)	B	il.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74356	10.0	Euc(mon)	-	(57.7-58.5)	A	Pl(An72.2-92.2), En29.8-38.4Fs31.4-58.5Wo3.6-36.6
Yamato-74357	13.8	Lod	7.9(7.0-8.5)	13.8(11.5-14.6)		Pl(Ab82An15Or3), En50.5Fs6.2Wo43.4(av.), chro.
Yamato-74358	2.94	L6	24.6(23.6-25.4)	21.4(20.1-29.3)		Pl(An9.7-10.8)
Yamato-74359	1.53	Unique	19.2(17.4-20.5)	16.7(15.6-18.6)		Clast, Pl(An2.4, 2.8), En73.0Fs18.0Wo9.0
Yamato-74360	3.29	Unique	20.5(19.2-22.5)	15.4(13.7-18.3)		Clast, Pl(An4.9-10.1), En58.4Fs11.6Wo30.0
Yamato-74361	0.4	H	19.4(17.5-21.1)	17.2(15.7-18.8)		shocked, regolith breccia
Yamato-74362	4175.0	L6	25.3(24.5-26.0)	21.2(20.1-21.8)	A	Pl(An10.1, 11.8)
Yamato-74363	1.01	H4	19.2(18.5-21.6)	16.6(15.9-17.3)		ap.
Yamato-74364	757.8	H4	17.3(16.9-17.9)	15.5(14.6-18.6)	B	merr.
Yamato-74365	0.67	H6	19.3(18.6-20.1)	16.9(16.6-17.2)		Pl(An12.0-13.3)
Yamato-74366	0.25	L6	24.8(23.3-26.7)	21.1(20.3-22.7)		merr., ap.
Yamato-74367	165.6	L6	24.7(23.8-26.1)	20.5(19.6-21.4)	A	Pl(An9.3-12.2), merr.
Yamato-74368	4.13	Dio(A)	-		A	chro.
Yamato-74369	4.17	H5	18.5(18.0-19.4)	16.2(15.9-16.6)		En49.9Fs5.3Wo44.8
Yamato-74370	42.1	EH4	0.1	0.9(0-5.1)	B/C	Pl(Ab97.0An0Or3, Ab98.4An0.3Or1.4)
Yamato-74371	5067.9	H4	18.4(17.5-19.2)	16.0(15.2-16.6)	A	chro., ap.
Yamato-74372	84.6	L6	24.8(24.1-25.4)	20.9(20.5-21.4)	B	Pl(An12.0,12.4), merr., ap.
Yamato-74373	0.28	H6	19.6(18.7-20.3)	17.6(16.9-19.1)		Pl(An11.9), shock vein, maskl.
Yamato-74374	205.2	H4	17.5(16.9-18.0)	15.9(14.5-20.2)	B	Pl(An11.9), merr.
Yamato-74375	92.7	H4	18.1(17.3-19.3)	15.6(14.7-18.3)	C	
Yamato-74376	120.0	L6	23.9(22.4-24.8)	20.2(19.5-21.4)	B	Pl(An10.4-10.8), ap., maskl.
Yamato-74377	10.51	H6	18.6(10.3-19.8)	16.7(15.6-20.7)		
Yamato-74378	18.44	L5	24.6(23.4-26.4)	20.4(19.3-22.2)		
Yamato-74379	6.3	H5	18.9(16.3-19.0)	16.7(15.2-18.4)	C	merr.
Yamato-74380	2.96					
Yamato-74381	3.21					
Yamato-74382	2.6					
Yamato-74383	3.07					
Yamato-74384	3.0					
Yamato-74385	1.63					
Yamato-74386	2.05					
Yamato-74387	1.45					
Yamato-74388	0.90					
Yamato-74389	3.9					
Yamato-74390	2.45					
Yamato-74391	2.18					
Yamato-74392	2.1					
Yamato-74393	2.00					
Yamato-74394	1.01					
Yamato-74395	0.77					
Yamato-74396	0.64					
Yamato-74397	0.28					
Yamato-74398	0.19					
Yamato-74399	2.10					
Yamato-74400	1.98					
Yamato-74401	1.79					
Yamato-74402	1.96					
Yamato-74403	1.66					
Yamato-74404	1.16					
Yamato-74405	1.46					
Yamato-74406	0.96					
Yamato-74407	0.70					
Yamato-74408	0.15					
Yamato-74409	3.2					
Yamato-74410	1.69					
Yamato-74411	1.30					
Yamato-74412	1.19					
Yamato-74413	1.05					
Yamato-74414	0.56					
Yamato-74415	0.14					
Yamato-74416	0.13					
Yamato-74417	44.5	L3	14.8(0.2-33.0)	11.1(1.6-43.1)	A	Pl(An62.5)
Yamato-74418	567.2	H6	18.7(17.8-19.8)	16.3(15.1-17.8)	C	merr.
Yamato-74419	0.5					
Yamato-74420	11.31					
Yamato-74421	13.62					
Yamato-74422	20.58					
Yamato-74423	28.95					
Yamato-74424	20.99					
Yamato-74425	8.96					
Yamato-74426	29.8					
Yamato-74427	4.02					
Yamato-74428	2.10					
Yamato-74429	2.38					
Yamato-74430	2.42					
Yamato-74431	2.13					
Yamato-74432	1.50					
Yamato-74433	0.73					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74434	1.14					
Yamato-74435	0.53					
Yamato-74436	0.58					
Yamato-74437	3.22	H4	18.5(17.5-21.3)	15.7(12.9-16.7)		with H6 clast
Yamato-74438	42.24	H5	19.2(18.4-20.1)	16.8(16.5-17.2)		ap.
Yamato-74439	32.74	L6	24.1(23.8-24.6)	19.9(18.8-20.4)		maskl.
Yamato-74440	1.61	H4	17.6(16.1-20.1)	15.7(15.1-16.3)		
Yamato-74441	27.4	L3	15.1(1.5-31.3)	11.6(2.0-29.4)	B	
Yamato-74442	173.3	LL4	28.9(28.0-30.2)	20.5(7.1-24.1)	A	Pl(An10.0Or2.4)
Yamato-74443	6.03	H5	18.6(16.4-20.2)	16.3(15.2-18.0)		merr., ap.
Yamato-74444	11.81	LL4	30.0(29.0-31.2)	22.8(20.6-23.8)		with LL6, Pl(An8.6, 10.3, 76.3), maskl.
Yamato-74445	2293.2	L6	24.8(23.7-25.8)	20.8(20.2-22.0)	C	maskl.
Yamato-74446	7.43	L6	24.7(24.0-25.5)	20.6(20.1-21.2)		En47.2Fs8.6Wo44.2, merr., ap.
Yamato-74447	14.3	H6	18.0(17.1-18.7)	15.6(14.8-16.2)	B	Pl(An12.5), merr.
Yamato-74448	17.7	Dio(A)	-		A	chro.
Yamato-74449	4.04	H5	18.9(17.8-22.8)	16.4(15.7-17.6)		
Yamato-74450	235.6	Euc(pol)	-	(25.6-30.5)	A	Pl(An78.4-93.1), En19.3-70.4Fs25.6-54.6Wo3.7-30.1
				(25.0-51.0)		Pl(An80.7-92.9), En17.9-71.7Fs25.0-55.7Wo3.3-26.4
Yamato-74451	0.80	L6	24.2(23.0-25.4)	20.3(19.7-20.6)		Pl(An9.4-9.8), merr.
Yamato-74452	33.9	L6	24.0(23.1-24.7)	20.8(19.5-20.7)	A	
Yamato-74453	14.56	H4	17.8(17.0-18.6)	15.8(15.1-16.3)		
Yamato-74454	578.8	L6	24.9(23.7-27.0)	20.8(20.0-21.9)	A	Pl(An10.0), merr.
Yamato-74455	114.1	L6	24.7(24.0-25.4)	20.8(20.0-24.1)	A	Pl(An9.8-10.8), merr., ap., maskl.
Yamato-74456	56.82	H4	17.4(16.8-18.3)	15.9(14.1-17.9)		
Yamato-74457	120.8	L5	24.7(23.7-26.7)	20.7(20.2-21.3)	B	
Yamato-74458	37.35	H5	19.1(18.3-20.4)	16.8(15.9-20.5)		
Yamato-74459	1719.7	H6	18.9(17.8-22.8)	16.4(15.7-17.6)	C	
Yamato-74460	2.00					
Yamato-74461	49.7					
Yamato-74462	205.0					
Yamato-74463	19.01					
Yamato-74464	14.10					
Yamato-74465	25.40					
Yamato-74466	81.7					
Yamato-74467	61.2					
Yamato-74468	11.92					
Yamato-74469	23.73					
Yamato-74470	11.87					
Yamato-74471	85.7					
Yamato-74472	7.03					
Yamato-74473	8.33					
Yamato-74474	10.30					
Yamato-74475	10.06					
Yamato-74476	91.8					
Yamato-74477	13.10					
Yamato-74478	33.06					
Yamato-74479	29.82					
Yamato-74480	54.69					
Yamato-74481	26.32					
Yamato-74482	17.82					
Yamato-74483	43.04					
Yamato-74484	32.43					
Yamato-74485	46.66					
Yamato-74486	33.22					
Yamato-74487	5.99					
Yamato-74488	55.27					
Yamato-74489	16.17					
Yamato-74490	11.54					
Yamato-74491	134.5					
Yamato-74492	112.1	H6				
Yamato-74493	11.54					
Yamato-74494	80.5					
Yamato-74495	220.2					
Yamato-74496	16.31					
Yamato-74497	301.2					
Yamato-74498	124.0					
Yamato-74499	13.14					
Yamato-74500	19.07					
Yamato-74501	33.74					
Yamato-74502	20.41					
Yamato-74503	6.64					
Yamato-74504	2.85					
Yamato-74505	7.45					
Yamato-74506	16.51					
Yamato-74507	116.1					
Yamato-74508	6.55					
Yamato-74509	7.96					
Yamato-74510	11.37					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74511	34.59					
Yamato-74512	11.93					
Yamato-74513	9.91					
Yamato-74514	12.85					
Yamato-74515	6.27					
Yamato-74516	3.13					
Yamato-74517	8.07					
Yamato-74518	1.61					
Yamato-74519	6.80					
Yamato-74520	2.86					
Yamato-74521	8.29					
Yamato-74522	13.50					
Yamato-74523	35.75					
Yamato-74524	14.74					
Yamato-74525	10.87					
Yamato-74526	9.19					
Yamato-74527	18.49					
Yamato-74528	6.74					
Yamato-74529	13.01					
Yamato-74530	14.61					
Yamato-74531	10.75					
Yamato-74532	6.92					
Yamato-74533	9.03					
Yamato-74534	7.61					
Yamato-74535	0.75					
Yamato-74536	1.66					
Yamato-74537	8.90					
Yamato-74538	9.54					
Yamato-74539	68.1					
Yamato-74540	18.65					
Yamato-74541	21.83					
Yamato-74542	14.85					
Yamato-74543	16.47					
Yamato-74544	9.38					
Yamato-74545	26.65					
Yamato-74546	7.39	Dio(A)	-		A	chro.
Yamato-74547	38.7	H6				
Yamato-74548	25.74					
Yamato-74549	8.19					
Yamato-74550	80.9					
Yamato-74551	20.46					
Yamato-74552	11.81					
Yamato-74553	10.98					
Yamato-74554	5.08					
Yamato-74555	9.20					
Yamato-74556	14.27					
Yamato-74557	12.05					
Yamato-74558	9.62					
Yamato-74559	4.84					
Yamato-74560	7.82					
Yamato-74561	6.00					
Yamato-74562	5.85					
Yamato-74563	3.00					
Yamato-74564	8.51					
Yamato-74565	3.92					
Yamato-74566	11.40					
Yamato-74567	6.89					
Yamato-74568	4.12					
Yamato-74569	0.33					
Yamato-74570	3.36					
Yamato-74571	6.61					
Yamato-74572	1.30					
Yamato-74573	9.03					
Yamato-74574	4.60					
Yamato-74575	6.48					
Yamato-74576	7.76					
Yamato-74577	14.25					
Yamato-74578	3.14					
Yamato-74579	7.96					
Yamato-74580	0.81					
Yamato-74581	11.50					
Yamato-74582	7.85					
Yamato-74583	12.97					
Yamato-74584	9.82					
Yamato-74585	8.73					
Yamato-74586	8.18					
Yamato-74587	9.96					
Yamato-74588	8.33					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-74589	13.44					
Yamato-74590	4.63					
Yamato-74591	14.11					
Yamato-74592	5.57					
Yamato-74593	21.77					
Yamato-74594	1.69					
Yamato-74595	7.49					
Yamato-74596	1.40					
Yamato-74597	10.18					
Yamato-74598	7.00					
Yamato-74599	4.21					
Yamato-74600	2.23					
Yamato-74601	3.00					
Yamato-74602	5.26					
Yamato-74603	188.7	L4	21.8(20.2-25.0)	20.4(18.8-22.7)	C	
Yamato-74604	58.57	H4	18.4(17.8-19.3)	16.3(15.4-18.1)		
Yamato-74605	580.8	L6	23.8(22.8-24.9)	20.2(19.4-21.1)	B	merr., maskl.
Yamato-74606	2.95	Dio(A)	-		A	chro.
Yamato-74607	0.56	H4	17.9(5.5-21.2)	16.1(15.4-16.8)		En51.1Fs5.9Wo43.0
Yamato-74608	2.00	L4	22.3(20.5-25.3)	18.8(14.1-27.2)		
Yamato-74609	257.2	H5	18.4(17.2-19.2)	16.0(14.4-17.4)	C	
Yamato-74610	46.8	H4	17.9(17.1-19.1)	15.8(15.1-16.9)	B	
Yamato-74611	7.40	L6	23.1(22.1-24.1)	19.3(18.3-19.9)		Pl(An9.8)
Yamato-74612	2.46	L6	24.3(23.2-25.8)	20.4(19.7-22.6)		En47.6Fs7.8Wo44.6, maskl.
Yamato-74613	23.2	H6	18.0(17.0-18.7)	15.9(15.6-16.1)	C	Pl(An8.6), merr.
Yamato-74614	6.92					
Yamato-74615	6.14					
Yamato-74616	8.12					
Yamato-74617	6.37					
Yamato-74618	7.03					
Yamato-74619	6.01					
Yamato-74620	4.0					
Yamato-74621	4.49					
Yamato-74622	3.22					
Yamato-74623	5.45					
Yamato-74624	4.6					
Yamato-74625	4.17					
Yamato-74626	3.59					
Yamato-74627	0.82					
Yamato-74628	5.31					
Yamato-74629	6.20					
Yamato-74630	3.97					
Yamato-74631	3.23					
Yamato-74632	3.02					
Yamato-74633	15.5					
Yamato-74634	5.22					
Yamato-74635	4.27					
Yamato-74636	1.22					
Yamato-74637	2.70					
Yamato-74638	0.33					
Yamato-74639	89.5	L5	24.1(23.3-25.2)	20.4(18.9-22.5)	A	
Yamato-74640	1065.9	H6	19.0(18.5-19.8)	16.5(15.7-17.2)	C	
Yamato-74641	4.59	CM2			A	ap.
Yamato-74642	10.6	CM2	10.1(0.3-55.0)	3.1(0.5-20.3)		En47.8Fs6.5Wo45.7
Yamato-74643	38.01	H5	18.2(17.3-19.2)	15.9(14.9-16.8)		with L6 clast
Yamato-74644	20.45	H5	18.5(17.1-23.6)	15.9(14.9-16.7)		
Yamato-74645	35.6	H4-L4	21.1(20.0-22.1)	17.9(17.2-18.4)	C	
Yamato-74646	554.7	LL6	29.7(27.9-31.6)	22.3(15.6-24.9)	A	Pl(An9.7-10.5), En45.5Fs8.6Wo45.9, merr.
Yamato-74647	2323.8	H5	18.3(17.3-19.3)	15.9(15.4-16.7)	A	chro.
Yamato-74648	185.5	Dio(A)	-	23.9(22.6-25.3)	A	chro.
Yamato-74649	2.83	L6	24.7(23.7-25.6)	20.6(19.7-21.8)		Pl(An9), ap.
Yamato-74650	163.2	L6	24.6(23.7-25.3)	20.6(19.8-21.2)	A/B	Pl(An9.5, 10.2), merr.
Yamato-74651	1.07	LL6	28.3(26.2-29.6)	22.4(18.0-24.1)		Pl(An9.7, 11.6), merr., maskl.
Yamato-74652	7.9	L6	24.4(23.9-25.1)	20.6(19.7-21.4)	A	
Yamato-74653	1.09	H6	19.1(18.2-20.0)	16.5(16.1-16.9)		
Yamato-74654	45.02	L6	24.6(23.3-26.2)	20.6(19.6-22.4)		maskl.
Yamato-74655	10.55	L6	25.1(23.7-25.9)	20.5(20.0-21.1)		Pl(An9.7-10.8)
Yamato-74656	12.52	L4	24.7(24.0-25.7)	20.6(19.7-21.9)		
Yamato-74657	8.94	L5	24.4(22.8-25.9)	20.5(19.6-21.4)		
Yamato-74658	11.07	H6	19.1(17.1-21.2)	16.5(15.6-17.2)		En48.2-74.0Fs6.1-15.5Wo10.6-45.6
Yamato-74659	18.9	Ure	(8.0-9.0)	(6.9-9.6)	B	En86.1-88.6Fs6.9-9.6Wo3.6-5.5
Yamato-74660	27.2	LL3	10.5(0.4-49.5)	8.9(0.4-34.5)	B	
Yamato-74661	5.31	H6	18.5(17.6-19.8)	16.2(15.1-17.0)		merr.
Yamato-74662	150.9	CM2	10.9(0.2-52.8)	5.0(0.5-45.3)	A	
Yamato-74663	213.9	LL6	28.1(26.8-28.8)	23.0(21.8-23.8)	B	
<Yamato-75 Meteorites>						
Yamato-75001	3.23	Dio(A)			A	chro.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-75002	2.96	H4	18.7(17.5-21.0)	16.7(15.6-19.1)		
Yamato-75003	1.61	CM2	4.1(0.1-47.1)			
Yamato-75004	37.14	Dio(A)				
Yamato-75005	0.20	L6	25.3(24.5-26.7)	20.9(19.9-21.5)		Pl(An9.7, 9.9, 10.2), En46.5Fs10.2Wo43.2, merr.
Yamato-75006	1.15	H5	18.7(18.0-19.5)	16.8(14.8-18.4)		shocked, En48.1Fs6.5Wo45.4
Yamato-75007	2.63	Dio(A)			A	chro.
Yamato-75008	1.3	H7	19.3(18.9-20.0)	16.8(16.0-17.4)		Pl(An0.8-7.3), En50.6Fs8.4Wo41.0
Yamato-75009	4.17	LL6	29.2(28.5-30.0)	23.7(22.3-24.9)		
Yamato-75010	1.29	H6	19.4(18.3-20.1)	17.4(16.7-18.5)		maskl.
Yamato-75011	121.5	Euc(pol)		(27.2-48.3)	A	Pl(An80.0-92.6), En15.1-68.0Fs27.0-58.3Wo3.5-32.9
Yamato-75012	69.9	H5	19.3(18.5-20.7)	17.2(16.1-19.7)	C	
Yamato-75013	1.40	L4	24.1(23.0-25.5)	20.6(19.7-21.3)		
Yamato-75014	2.99	Dio(A)			A	chro.
Yamato-75015	166.6	Euc(pol)	(78.8-80.8)	(25.5-48.5)	A	Pl(An83.4-93.9), En8.3-69.7Fs25.5-66.5Wo4.9-25.2, chro., il., SiO2
Yamato-75016	1.49	L3	24.9(17.0-27.2)	12.6(2.6-28.4)		ap.
Yamato-75017	87.20	L5	24.5(23.9-25.0)	20.3(18.4-21.2)	B	En69.2Fs17.4Wo13.4
Yamato-75018	8.75	L4	23.9(23.4-24.8)	20.0(18.4-21.3)		merr.
Yamato-75019	22.7	L4	23.7(23.0-24.3)	20.3(19.5-22.2)	B	
Yamato-75020	9.42	H6	18.9(17.6-20.2)	16.5(14.8-17.1)		Pl(An12.6), En48.5Fs6.4Wo45.2
Yamato-75021	2.49	L4	24.0(22.7-24.7)	20.3(19.3-21.8)		merr., ap.(?)
Yamato-75022	5.06	H6	19.0(18.2-19.7)	16.5(15.5-17.0)		Pl(An11.8, 12.2), En48.7Fs5.2Wo46.0
Yamato-75023	1.12	L4	23.6(22.8-24.5)	19.4(18.7-20.7)		
Yamato-75024	2.41	L4	24.1(23.1-27.1)	20.1(18.9-21.4)		
Yamato-75025	0.91	L4	24.5(23.0-26.2)	20.6(18.8-22.2)		Pl(Ab80.5An13.4Or6.1)
Yamato-75026	1.29	L4	24.2(23.6-25.0)	20.8(19.9-21.7)		En66.0Fs15.4Wo18.6, merr., ap.
Yamato-75027	0.17	H3				same as Y-75028
Yamato-75028	6100.0	H3	16.1(13.3-27.4)	16.1(1.5-24.1)	B/C	maskl.
			18.4(16.7-19.2)	16.3(15.5-17.5)	C	with H5-6 clasts
Yamato-75029	83.9	H3				same as Y-75028
Yamato-75030	14.78	H6	18.5(16.5-19.7)	16.3(15.4-17.3)		merr.
		H3	18.8(16.9-32.6)	15.2(11.1-18.6)		
Yamato-75031	60.2	Iron				Plessitic Octahedrite, 15.3%Ni, 0.76%Co
Yamato-75032	189.1	Dio(B)		(29.1-34.7)	A	Pl(An73.8-92.4Or0.1-2.8), En41.1-47.5Fs12.2-18.2Wo34.3-46.1, tro., chro.
Yamato-75033	19.10	H4	18.7(17.8-19.6)	16.0(15.7-16.7)		
Yamato-75034	0.34	L6	25.5(24.6-26.1)	21.4(20.5-22.4)	C	Pl(An10.8), En46.5Fs8.0Wo45.6, maskl.
Yamato-75035	1.12					
Yamato-75036	0.44					
Yamato-75037	0.98					
Yamato-75038	0.57					
Yamato-75039	0.96					
Yamato-75040	0.33					
Yamato-75041	1.29					
Yamato-75042	0.27					
Yamato-75043	1.12					
Yamato-75044	1.23					
Yamato-75045	4.0	L6	25.0(24.3-25.8)	20.4(18.9-21.2)		merr.
Yamato-75046	3.26					
Yamato-75047	5.55					
Yamato-75048	2.54					
Yamato-75049	2.41					
Yamato-75050	2.46					
Yamato-75051	3.9	L6	25.5(24.6-26.1)	21.4(20.5-22.4)		Pl(An10.8), maskl.
Yamato-75052	3.30					
Yamato-75053	0.84					
Yamato-75054	0.88					
Yamato-75055	3.30					
Yamato-75056	5.86					
Yamato-75057	3.06					
Yamato-75058	2.32					
Yamato-75059	1.38					
Yamato-75060	2.9					
Yamato-75061	1.12					
Yamato-75062	2.89					
Yamato-75063	2.46					
Yamato-75064	3.26					
Yamato-75065	4.37					
Yamato-75066	2.75					
Yamato-75067	1.21					
Yamato-75068	2.80					
Yamato-75069	8.1					
Yamato-75070	4.75					
Yamato-75071	6.9	L6	25.3(24.5-26.4)	20.8(20.4-21.6)		En46.5Fs8.0Wo45.6, shock vein, maskl.
Yamato-75072	4.66					
Yamato-75073	1.38					
Yamato-75074	1.30					
Yamato-75075	1.52					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-75076	1.15					
Yamato-75077	1.67					
Yamato-75078	1.39					
Yamato-75079	1.40					
Yamato-75080	1.44					
Yamato-75081	1.09					
Yamato-75082	2.98					
Yamato-75083	1.85					
Yamato-75084	0.16					
Yamato-75085	0.16					
Yamato-75086	0.13					
Yamato-75087	0.26					
Yamato-75088	0.07					
Yamato-75089	0.14					
Yamato-75090	0.12					
Yamato-75091	0.44					
Yamato-75092	1.75	LL5	28.8(28.0-30.2)	23.7(23.1-24.4)		Pl(An9.7), merr., ap.
Yamato-75093	0.76	LL6	29.4(27.7-30.9)	23.8(22.9-25.0)		shocked, Pl(An11.3, 10.5, 11.6)
Yamato-75094	2.72	L6	24.0(22.8-24.9)	20.2(19.6-20.7)		merr., maskl.
Yamato-75095	2.70	LL5	28.8(28.0-30.2)	23.7(23.1-24.4)		Pl(An9.7), merr., ap.
Yamato-75096	91.8	H4	17.2(15.5-17.9)	15.9(11.0-25.3)	B	ap., maskl.
Yamato-75097	2570.2	L6	24.2(23.0-25.3)	20.1(19.3-21.5)	A	Pl(An11.7-17.2Or6.1-8.6) with L7 clast; Fa24.5(21.9-25.4), Pl(An13.2-25.9Or1.3-7.4)
Yamato-75098	1.39	H5	18.8(17.8-19.5)	16.5(15.4-18.1)		En47.3Fs7.1Wo45.6
Yamato-75099	1.04	H6	18.3(17.7-22.0)	16.0(15.4-16.7)		Pl(An13.5, 12.2, 14.3)
Yamato-75100	85.0	H6	18.8(18.1-20.3)	16.4(15.9-17.3)	B/C	shocked, maskl.
Yamato-75101	2.93	L6	24.1(23.5-24.8)	20.1(18.7-21.1)		Pl(An11.0, 11.5), En47.8Fs7.9Wo44.3
Yamato-75102	11000	L6	24.3(23.4-25.5)	20.9(19.2-21.4)	A	Pl(An13.1), merr., maskl.
Yamato-75103	0.71	L3	16.5(15.6-17.4)	14.1(9.2-23.5)		
Yamato-75104	10.29	H4(-5)	18.1(17.2-18.8)	16.0(15.2-16.7)		
Yamato-75105	19.6	IIA				Reheated Hexahedrite, 5.6%Ni, 0.52%Co, schr(10%Ni, 15%P
Yamato-75106	15.8	LL3	26.4(17.5-31.3)	20.0(4.9-24.5)		Pl(An2.6, 10.2, 10.8, 11.0)
Yamato-75107	6.44	H5	18.7(17.4-19.5)	16.2(15.4-16.6)		En48.2Fs6.9Wo44.9
Yamato-75108	590.8	L6	24.4-23.0-25.6	20.8(19.8-22.5)	B	En47.6Fs8.2Wo44.2, maskl.
Yamato-75109	433.9	L6	24.1(21.6-26.9)	20.8(18.4-24.9)		
Yamato-75110	706.9	L6	24.3(21.3-26.2)	20.7(18.8-24.4)		
Yamato-75111	104.1	L6	24.2(22.7-27.3)	20.3(18.4-24.5)		
Yamato-75112	115.2	L6	23.7(21.7-25.7)	19.9(18.1-24.4)		
Yamato-75113	156.8	L6	24.0(22.6-26.4)	20.3(18.9-23.3)		
Yamato-75114	104.2	L6	23.6(22.4-24.9)	20.0(19.0-24.2)		
Yamato-75115	110.0	L6	24.5(23.6-25.5)	20.4(19.1-22.5)		
Yamato-75116	40.5	L6	24.7(23.5-26.6)	20.7(19.3-21.8)		
Yamato-75117	26.73	L6	24.5(22.8-25.8)	20.5(19.9-21.6)		
Yamato-75118	10.64	L6	24.8(23.9-25.8)	20.9(19.6-22.7)		
Yamato-75119	41.9	L6	24.8(24.0-25.6)	20.9(19.6-23.4)		
Yamato-75120	22.17	L6	24.6(23.1-25.8)	20.9(19.5-22.9)		
Yamato-75121	11.21					
Yamato-75122	0.23					
Yamato-75123	21.17					
Yamato-75124	46.9					
Yamato-75125	62.9					
Yamato-75126	63.1					
Yamato-75127	25.40					
Yamato-75128	40.0					
Yamato-75129	109.2					
Yamato-75130	25.9	L6	24.9(24.0-25.8)	20.6(19.7-22.7)		En46.4Fs7.6Wo46.0, merr., maskl.
Yamato-75131	106.1					
Yamato-75132	26.76					
Yamato-75133	82.1	L6	24.0(23.2-24.6)	20.2(19.5-20.7)		En47.3Fs7.6Wo45.1, maskl.
Yamato-75134	29.0					
Yamato-75135	98.1					
Yamato-75136	62.8					
Yamato-75137	27.2					
Yamato-75138	22.34					
Yamato-75139	103.0					
Yamato-75140	35.9					
Yamato-75141	11.46					
Yamato-75142	8.65					
Yamato-75143	21.59					
Yamato-75144	14.37					
Yamato-75145	11.0					
Yamato-75146	39.2					
Yamato-75147	2.19					
Yamato-75148	8.51					
Yamato-75149	2.62					
Yamato-75150	5.88					
Yamato-75151	3.74					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-75152	3.88					
Yamato-75153	1.95					
Yamato-75154	1.81					
Yamato-75155	3.29					
Yamato-75156	2.74					
Yamato-75157	3.69					
Yamato-75158	7.50					
Yamato-75159	5.00					
Yamato-75160	4.90					
Yamato-75161	2.98					
Yamato-75162	9.83					
Yamato-75163	6.75					
Yamato-75164	5.17					
Yamato-75165	5.17					
Yamato-75166	4.78					
Yamato-75167	5.66					
Yamato-75168	8.63					
Yamato-75169	3.49					
Yamato-75170	8.70					
Yamato-75171	6.63					
Yamato-75172	6.43					
Yamato-75173	9.85					
Yamato-75174	6.04					
Yamato-75175	5.43					
Yamato-75176	8.95					
Yamato-75177	3.66					
Yamato-75178	5.43					
Yamato-75179	7.84					
Yamato-75180	8.9					
Yamato-75181	2.18					
Yamato-75182	5.83					
Yamato-75183	5.11					
Yamato-75184	1.94					
Yamato-75185	5.73					
Yamato-75186	4.72					
Yamato-75187	9.26					
Yamato-75188	7.19					
Yamato-75189	6.46					
Yamato-75190	2.10					
Yamato-75191	5.9					
Yamato-75192	9.87					
Yamato-75193	4.51					
Yamato-75194	6.86					
Yamato-75195	9.15					
Yamato-75196	2.25					
Yamato-75197	6.24					
Yamato-75198	6.94					
Yamato-75199	4.87					
Yamato-75200	2.15					
Yamato-75201	4.44					
Yamato-75202	9.04					
Yamato-75203	7.12					
Yamato-75204	3.48					
Yamato-75205	4.22					
Yamato-75206	11.70					
Yamato-75207	1.16					
Yamato-75208	1.09					
Yamato-75209	1.09					
Yamato-75210	1.01					
Yamato-75211	0.84					
Yamato-75212	1.13					
Yamato-75213	0.87					
Yamato-75214	1.10					
Yamato-75215	1.15					
Yamato-75216	0.68					
Yamato-75217	2.09					
Yamato-75218	2.39					
Yamato-75219	3.48					
Yamato-75220	2.72					
Yamato-75221	2.91					
Yamato-75222	2.31					
Yamato-75223	0.97					
Yamato-75224	2.74					
Yamato-75225	1.81					
Yamato-75226	2.01					
Yamato-75227	1.70					
Yamato-75228	1.31					
Yamato-75229	2.98					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-75230	1.26					
Yamato-75231	1.90					
Yamato-75232	2.41					
Yamato-75233	1.83					
Yamato-75234	1.56					
Yamato-75235	1.73					
Yamato-75236	2.31					
Yamato-75237	0.42					
Yamato-75238	0.51					
Yamato-75239	0.47					
Yamato-75240	0.45					
Yamato-75241	0.63	L6				
Yamato-75242	0.74					
Yamato-75243	0.65					
Yamato-75244	0.39					
Yamato-75245	0.53					
Yamato-75246	0.43					
Yamato-75247	0.13					
Yamato-75248	0.16					
Yamato-75249	0.28					
Yamato-75250	0.15					
Yamato-75251	0.31					
Yamato-75252	0.41					
Yamato-75253	0.17					
Yamato-75254	0.30					
Yamato-75255	0.30					
Yamato-75256	0.18					
Yamato-75257	0.24					
Yamato-75258	971.0	LL6	31.9(30.8-33.1)	24.4(24.0-25.0)	A	Pl(An8.9-10.3)
Yamato-75259	70.0	H6	19.8(19.0-20.7)	17.1(16.4-17.8)	B	En76.4Fs15.6Wo8.0
Yamato-75260	4.0	CV3	4.3(0.3-33.2)	1.4(0.5-2.6)	A	
Yamato-75261	0.59	E6	0.3(0-0.9)	0.3(0.1-0.5)		Pl(An39.3, 48.0)
Yamato-75262	47.2	H5	18.6(17.8-19.9)	16.6(15.1-20.1)	C	merr.
Yamato-75263	4.49	H6	18.1(17.5-18.8)	15.9(15.4-16.9)		Pl(An13.2, 13.5)
Yamato-75264	3.30	L4	25.2(24.3-26.8)	20.7(20.0-21.8)		ap.
Yamato-75265	0.60	LL6	31.4(29.1-32.5)	24.6(23.6-25.5)		Pl(An10.7-11.8)
Yamato-75266	0.75	LL6	30.0(29.5-31.0)	24.3(23.2-25.0)		
Yamato-75267	38.1	H6	18.1(17.6-18.9)	16.2(15.7-17.7)	B	merr., maskl.
Yamato-75268	0.67	L4	25.2(24.3-26.8)	20.7(20.0-21.8)		ap.
Yamato-75269	87.2	H4	18.7(18.2-19.3)	15.8(13.5-19.1)	A	
Yamato-75270	26.9	L5	25.9(25.0-27.1)	21.6(21.3-22.4)	A	
Yamato-75271	1797.5	L5	24.3(23.8-25.0)	20.5(19.6-21.6)	A	Pl(An11.4), maskl.
Yamato-75272	6.34	H4	18.2(17.3-19.2)	15.9(15.1-18.1)		
Yamato-75273	4.92	LL3	12.2(1.4-30.9)	11.3(1.3-30.7)		
Yamato-75274	5.1	Lod	3.9(3.6-4.7)	3.9(3.5-4.5)	C	En53.7Fs1.6Wo44.6, 4.8-6.5%Ni(metal).
Yamato-75275	4.64	H4	18.4(17.9-19.3)	16.0(15.4-16.6)		En63.8Fs10.3Wo26.4
Yamato-75276	0.89	H6	18.4(15.6-19.1)	16.0(15.2-16.1)		Pl(An14.3), chro.
Yamato-75277	99.0	H6	19.2(18.6-19.7)	16.8(16.2-18.8)	C	shocked, Pl(An12.5, 12.2), merr.
Yamato-75278	0.31	H6				same as Y-75277
Yamato-75279	2.22	LL4	28.3(27.2-30.1)	23.1(21.9-24.7)		with LL6 clast
Yamato-75280	0.64	L6	24.2(23.3-24.9)	19.9		Pl(An14.5, 14.1), maskl.
Yamato-75281	20.7	H6	19.3(17.6-23.2)	16.5(15.7-17.3)		Pl(An11.6-12.4), merr., ap.
Yamato-75282	0.26	H6	18.9(18.3-19.7)	16.2(15.6-16.9)		Pl(An11.6-12.0), En49.1Fs5.6Wo45.3
Yamato-75283	3.0	H4	18.3(17.7-19.2)	16.0(15.4-16.9)		Pl(An12.6), 1.26% FeO
Yamato-75284	3.82	H6	19.0(17.8-20.0)	16.8(16.1-17.5)		Pl(An11.3, 12.4), En49.0Fs5.7Wo45.2
Yamato-75285	3.25	Dio(A)			A	to Y-74013, chro.
Yamato-75286	1.72	H4	17.5(16.3-18.9)	15.5(14.9-16.0)		Pl(An11.1, 12.0), En50.2Fs6.1Wo43.7
Yamato-75287	9.40	H6	18.2(16.9-19.5)	16.1(15.1-16.8)		Pl(An11.6-12.5), En48.5Fs6.1Wo45.5
Yamato-75288	93.9	L5	24.8(23.9-25.7)	20.8(20.0-21.5)	A	En46.6Fs7.3Wo46.1
Yamato-75289	50.9	L5	25.0(24.2-28.5)	20.9(20.1-21.8)	B	
Yamato-75290	6.33	L6	24.2(10.2-26.4)	20.6(19.4-21.5)		shocked, maskl.
Yamato-75291	23.5	H4	18.0(17.4-18.9)	16.2(15.1-18.2)	C	merr.
Yamato-75292	8.54	H5	19.3(18.2-21.2)	16.6(16.0-19.6)		
Yamato-75293	8.1	CM2	11.8(0.1-70.5)	0.9(0.4-3.0)	A	
Yamato-75294	14.26	LL6	30.1(29.4-31.0)	24.8(23.0-27.6)		breccia, Pl(An8.6-11.1), maskl.
Yamato-75295	8.8	Euc(pol)		(26.9-50.0)	A	En20.3-69.0Fs26.9-51.6Wo3.3-27.9, Pl(An81.0-89.6, Or0.4-1.4)
Yamato-75296	8.6	Euc(pol)	(81.9)	(24.4-59.9)	A	En10.7-71.4Fs24.4-60.4Wo2.5-41.0, Pl(An79.5-94.0, Or0.3-1.7)
Yamato-75297	20.5	L4	25.1(22.8-25.8)	19.8(17.4-20.7)	B	
Yamato-75298	14.59	H6	18.6(17.5-20.2)	16.3(15.5-17.5)		Pl(An11.6-12.8)
Yamato-75299	9.39	Dio(A)			A	chro.
Yamato-75300	1.50	Prim.Ach	1.6(0.6-1.9)	2.1(1.6-3.0)		Pl(An13.5-23.8), coaser portion
			1.8(1.4-2.3)	1.9(0.7-2.3)		Pl(An19.1-22.7), finer portion
Yamato-75301	1.06	H4	18.4(17.4-20.3)	16.4(15.5-17.7)		shocked, ap.
Yamato-75302	3.62	Unique	35.9(10.6-41.7)	18.0(8.8-28.7)		chondrite(unique), shock-melted, breccia, ap.
Yamato-75303	2.60	H5	18.7(17.5-21.2)	16.4(15.5-17.0)		merr.
Yamato-75304	22.1	H6	18.2(17.7-18.8)	16.1(15.4-17.1)	C	Pl(An12.1, 12.2), ap.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-75305	2.06	Win	1.8(1.6-1.9)	2.1(0.8-3.1)		Pl(An19.6-32.1, Or1.0-2.4)
Yamato-75306	4.09	H6	18.7(17.7-19.9)	16.2(15.4-17.1)		coarser grain
Yamato-75307	7.9	Euc(pol)	(55.4)	(24.8-42.5)	A	Pl(An81.0-95.2), En19.7-71.0Fs24.8-57.6Wo2.9-27.0
Yamato-75308	1.61	H5	18.2(17.4-19.7)	15.8(14.3-16.9)		
<Mount Baldr Meteorites>						
MBR-a	1879.7	H4	18.4(17.5-19.9)	16.0(15.0-17.9)		
MBR-b	7265	H6-5	18.8(18.1-19.6)	16.2(15.6-17.1)		
<Allan Hills-76 Meteorites>						
ALH-761	9671	L6	24.4(23.6-25.7)	20.2(19.0-20.9)	A	Pl(An11.1Or6.6)
ALH-762	632	IAOg				
ALH-763	6085	L6	24.6(23.8-26.1)	20.7(18.9-21.5)	A	Pl(An11.2Or7.2)
ALH-764	157.4	LL3	19.0(0.8-38.8)	11.4(2.4--32.1)	A	Pl(An76.2,70.7), En65.3Fs29.5Wo5.2, sp.
ALH-765	698.2	Euc(pol)	(82.9)	(34.0-61.9)	A	Pl(An80.0-93.5), En28.1-61.4Fs29.1-61.9Wo1.9-42.6
ALH-766	567.9	H6	17.9(17.1-18.8)	15.9(14.4-16.5)	C	Pl(An14.3Or5.7), merr.
ALH-767	200	L6	24.8(23.9-26.2)	20.4(19.5-21.3)	B	En46.7Fs8.4Wo44.9
ALH-768	547	H6	18.8(18.0-20.0)	16.2(15.4-16.7)	B/C	Pl(An12.1Or6.3)
ALH-769	196512	L6	23.9(23.2-25.1)	20.0(18.4-20.6)	B	Pl(An10.7Or5.8)
<Allan Hills-77 Meteorites>						
ALH-77001	118.45	L6	24.4(23.4-25.2)	20.2(19.3-20.7)	B	ap., maskl.
ALH-77002	112.67	L5	23.5(22.7-24.4)	20.0(18.9-22.7)	B	
ALH-77003	381.06	CO3	18.8(0.2-46.0)	4.1(0.5-42.1)	A	En88.5Fs6.2Wo5.4
ALH-77004	1163.4	H4	17.2(16.5-18.9)	14.9(12.1-15.9)	C	
ALH-77005	212.45	She	(25.4-30.8)	(19.5-20.6)	A	Pl(An48.5-55.7), Wo2.4-37.8, En48.9-78.1Fs12.9-25.6 Wo2.4-37.8
ALH-77007	49.86	H5	18.9(17.3-19.8)	16.7(15.9-18.4)	B	
ALH-77008	46.15	L6	24.5(23.7-25.3)	21.0(20.1-22.1)	A	Pl(An10.3Or5.3)
ALH-77009	113.10	H4	18.4(17.4-20.7)	16.3(15.1-17.3)	C	
ALH-77010	147.14	H4	18.6(17.9-19.3)	15.9(10.9-21.1)	C	En69.5Fs25.4Wo5.1, En66.4Fs13.1Wo20.4, merr., ap.
ALH-77011	127.68	L3	14.3(0.2-43.8)	8.1(0.9-27.5)	C	Pl(An4.5Or1.0), En58.1Fs16.1Wo25.7
ALH-77012	89.19	H5	18.1(16.8-19.2)	15.9(14.4-16.4)	C	
ALH-77013	11.46	L3	15.1(0.8-40.3)	12.2(2.7-36.7)	B	chro.
ALH-77014	156.22	H5	18.1(16.2-20.6)	16.3(15.2-18.3)	C	merr.
ALH-77015	208.49	L3	14.5(0.9-30.4)	13.3(0.6-36.2)	C	Cpx
ALH-77016	39.01	H5	18.5(16.9-20.4)	16.4(15.0-19.7)	B	merr.
ALH-77017	37.72	H5	18.8(17.9-22.7)	17.1(15.6-21.9)	B	En44.3\s4.9□o50.8, merr.
ALH-77018	25.84	L6	18.3(16.9-19.6)	16.6(15.3-19.6)	B/C	En77.4Fs14.5Wo8.1
ALH-77019	30.21	L6	24.6(23.5-26.1)	20.3(19.6-22.0)	B/C	En49.0Fs8.7Wo42.4, maskl.
ALH-77021	7.36	H5	18.8(18.3-19.7)	16.7(12.9-23.3)	C	En47.3Fs7.0Wo45.8, merr.
ALH-77022	7.98	H5	18.8(17.8-20.9)	16.7(15.5-19.8)	A	
ALH-77023	10.25	H5	18.7(17.6-19.5)	16.6(15.4-19.5)	B	
ALH-77024	10.75	H4	18.9(18.2-21.3)	16.1(15.2-18.0)		merr.
ALH-77025	9.36	H5	18.3(17.5-19.3)	15.8(15.3-16.9)	C	En48.4Fs5.4Wo46.2
ALH-77026	10.06	L6	23.9(22.7-24.6)	20.3(18.9-21.4)	B/C	maskl.
ALH-77028	0.53	L6	24.6(23.8-26.1)	20.5(19.6-22.4)		Pl(An11.6, 10.5, 10.7), maskl.
ALH-77030	0.80	H4	18.6(17.7-19.4)	16.2(15.2-18.0)		chro.
ALH-77032	6.74	L3	16.4(0.9-40.2)	13.1(0.9-43.3)		SiO2
ALH-77033	4.79	L3	14.3(0.3-35.1)	12.4(0.3-27.4)	C	En57.5Fs31.4Wo11.1
ALH-77035	1.67	L?3	17.4(0.2-43.8)	10.0(1.0-33.2)		
ALH-77037	2.33	H5	18.8(17.8-20.2)	16.5(16.3-16.8)		merr.
ALH-77038	9.05	H5	18.6(17.8-19.2)	16.4(15.5-17.6)	A/B	merr.
ALH-77040	2.30	L3	15.3(0.3--42.7)	10.8(0.8-33.3)		
ALH-77041	8.43	LL6	30.8(30.1-31.8)	24.9(23.8-28.3)	A	Maskl.
ALH-77042	10.33	H5	18.4(17.6-19.1)	16.3(15.4-17.7)	A/B	merr., ap.
ALH-77044	12.25	H4	18.8(18.1-20.2)	16.2(15.2-16.8)		Pl(An10.0), merr., ap.
ALH-77045	7.61	H5	19.0(18.2-20.5)	16.7(15.4-17.9)	A	
ALH-77047	10.08	L3	15.9(1.6-35.7)	11.4(1.7-32.1)	C	
ALH-77048	14.93	L3	16.9(0.3-43.2)	11.8(2.4-26.2)		
ALH-77050	42.16	L3	22.7(0.8-43.4)	13.3(1.8-39.3)	B/C	SiO2
ALH-77051	7.38	H5	18.5(17.4-20.1)	16.1(13.1-17.6	A	
ALH-77052	56.69	L3	18.3(0.2-37.5)	9.5(0.8-24.6)	B/C	SiO2, En51.5Fs18.3Wo30.3
ALH-77053	13.05	H6	18.7(17.9-19.7)	16.9(15.9-19.5)		Pl(An11.2-12.6Or4.1-8.5)
ALH-77055	5.07	H4	18.6(17.9-19.3)	16.2(15.3-17.1)		merr.
ALH-77057	3.03	H4	18.6(17.7-20.2)	16.4(15.2-19.6)		
ALH-77059	6.44	H4	18.5(17.5-20.3)	16.3(15.9-16.8)		sp.
ALH-77060	31.06	LL4	27.9(26.6-30.4)	22.8(20.8-24.5)	A	En71.5Fs20.2Wo8.3, merr.
ALH-77061	6.34	H5	18.5(17.4-19.6)	16.2(14.9-17.7)	B	
ALH-77062	8.56	H5	18.4(17.4-19.3)	15.8(14.9-17.3)	B	En62.4Fs10.0Wo27.6
ALH-77064	5.98	H5	18.6(17.9-20.8)	16.6(14.7-19.9)	B	En79.7Fs14.8Wo5.5, En7.9Fs7.5Wo44.6
ALH-77065	2.65	H5	18.6(17.1-19.6)	16.3(15.1-17.7)		merr., ap.
ALH-77067	4.09	H4	18.4(17.7-19.7)	15.3(14.6-16.6)		merr.
ALH-77070	8.90	H5	18.5(17.3-19.2)	15.9(15.1-17.9)	B	
ALH-77071	0.01	H5	18.5(17.7-20.5)	15.9(14.9-18.8)	B	
ALH-77072	0.27	H	17.4(16.4-19.6)	15.6(14.3-17.6)		shocked
ALH-77074	11.51	H5	18.2(16.3-19.8)	15.9(14.1-17.1)	B	merr.
ALH-77075	1.20	L3	18.0(2.6-40.2)	7.8(3.4-22.3)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-77077	13.73	H4	18.6(17.2-19.9)	16.2(15.3-16.8)		merr.
ALH-77078	11.06	H5	18.1(17.4-19.7)	15.9(14.8-17.6)	B	
ALH-77080	1.14	L3	11.7(0.9-30.5)	18.6(2.5-46.6)		
ALH-77081	4.24	Unique(G)	10.7(9.8-11.2)	10.3(9.4-11.5)	B	Pl(An12.2-14.4), En52.0Fs4.0Wo44.0, chro., ap.
ALH-77083	9.07	H4	19.2(18.4-19.8)	16.6(15.5-17.0)		merr.
ALH-77084	21.37	H5	18.4(17.5-19.0)	15.8(14.8-16.9)	A/B	
ALH-77085	22.08	H4	18.3(17.0-20.7)	15.9(14.5-17.7)	B	
ALH-77086	8.99	H5	18.2(17.8-19.0)	16.3(15.2-17.3)	C	ap.
ALH-77087	15.14	H5	18.1(17.1-19.3)	15.8(14.7-17.8)	B	
ALH-77088	24.69	H5	18.2(17.1-19.7)	15.7(14.8-16.5)	C	ap., merr.
ALH-77090	9.54	H4	18.7(17.8-19.4)	16.2(15.3-16.8)		
ALH-77092	22.53	H5	18.5(17.5-21.6)	16.3(14.4-17.9)	A	
ALH-77093	9.05	H4	19.0(18.0-21.9)	16.3(15.6-18.1)		merr.
ALH-77095	4.47	H4	17.0(5.1-23.3)	14.7(1.9-21.1)		Pl(An2.9Or11.1)
ALH-77097	1.36	H5	18.3(17.6-19.2)	16.2(15.0-17.0)		
ALH-77099	4.98	H4	18.4(17.7-19.4)	16.2(15.4-17.8)		merr.
ALH-77100	9.70	H5	18.6(18.0-20.6)	15.9(14.0-17.4)	A/B	merr.
ALH-77102	0.01	H5	18.3(17.5-18.9)	15.9(14.4-17.8)	B	ap., merr.
ALH-77103	4.13	H5	18.5(17.7-19.3)	15.9(15.4-16.3)		ap.
ALH-77105	3.44	H4	19.3(17.8-23.9)	17.2(15.7-22.7)		Pl(An12.6Or6.6)
ALH-77107	4.71	H5	18.2(17.2-19.3)	15.6(14.7-16.9)		merr.
ALH-77110		Ter				Terrestrial
ALH-77111	28.67	H6	18.8(17.7-19.5)	16.4(15.0-17.9)	A/B	Pl(An14.1Or5.4)
ALH-77112	11.13	H5	18.7(18.1-20.1)	16.5(15.6-18.5)	A	
ALH-77114	24.50	H5	18.4(17.4-19.1)	16.1(15.3-16.8)	B	
ALH-77115	72.03	L3	17.9(0.7-41.0)	13.4(3.7-43.6)	B/C	chro.
ALH-77116	7.04	H5	18.4(16.8-19.7)	15.7(14.9-16.7)		Pl(An11.4-12.1), merr.
ALH-77117	9.54	L5	24.4(23.5-25.9)	20.5(18.7-23.2)	A/B	
ALH-77118	7.57	H5	18.6(17.5-20.0)	16.0(14.2-16.7)	C	
ALH-77119	0.30	H5	18.6(17.9-20.5)	16.3(15.3-18.4)	C	ap.
ALH-77121	4.48	H5	18.5(17.1-19.7)	16.1(15.3-16.6)		Pl(An13.4)
ALH-77123	3.46	H5	18.3(17.0-19.1)	16.4(16.0-16.7)		Pl(An8.8, 9.5), merr., ap.
ALH-77124	0.11	H5	18.8(17.9-21.4)	16.2(15.1-16.9)	C	
ALH-77125	8.71	H5	17.2(16.1-18.9)	15.2(13.0-16.4)	A/B	merr.
ALH-77126	12.10	H5	17.7(16.1-19.1)	16.1(14.7-19.9)	A/B	merr.
ALH-77128	3.77	H5	18.3(17.7-19.1)	15.7(14.8-16.1)		Pl(An10.8), merr., ap., maskl.
ALH-77130	12.19	H5	18.6(17.7-20.3)	16.2(15.3-18.7)	A	
ALH-77131	12.62	H6	18.6(18.3-18.9)	16.2(14.9-17.3)	A/B	Pl(An16.6Or1.2), merr.
ALH-77132	54.27	LL3	24.5(12.2-28.5)	14.3(3.5-24.1)	A/B	En71.4Fs17.1Wo11.5
ALH-77133	9.52	H6	19.0(18.1-20.7)	16.6(15.4-18.2)	A	
ALH-77134	10.02	H6	18.6(17.8-21.3)	16.7(15.1-19.5)	A	
ALH-77135	3.23	H5	18.4(17.5-19.2)	16.0(15.1-16.7)		
ALH-77137	5.13	H5	18.3(17.5-19.7)	16.1(15.2-17.6)		
ALH-77139	32.39	H6	18.3(17.5-18.9)	15.9(14.3-18.1)	A/B	
ALH-77140	38.97	L3	18.8(0.4-54.3)	8.3(1.9-38.5)	C	Feld(Ab68.1An0.0Or31.9)
ALH-77141	11.20	H4	18.4(17.3-19.6)	15.6(13.0-16.9)		merr.
ALH-77143	19.27	H5	18.7(17.3-19.5)	16.5(15.7-17.5)	A/B	
ALH-77144	7.66	H6	18.7(17.9-20.2)	16.4(15.6-18.6)	B	Pl(An12.1Or5.5), En49.2Fs6.2Wo44.6, merr., maskl.
ALH-77145	14.22	H5	18.3(16.8-19.0)	16.0(15.1-18.5)		En63.8Fs10.4Wo25.8, merr.
ALH-77146	9.73	H6	18.0(16.8-18.8)	16.3(14.9-17.1)	A/B	merr., ap.
ALH-77147	9.22	H6	18.0(16.8-18.9)	15.6(14.8-16.7)	A/B	
ALH-77148	0.09	H6	18.6(16.8-20.6)	15.9(14.7-17.3)	C	En75.2Fs17.1Wo7.7, merr.
ALH-77149	12.14	H5	18.6(17.7-19.1)	16.9(15.1-19.9)	A/B	merr.
ALH-77150	29.10	L6	24.3(23.1-25.2)	20.5(19.6-21.9)	C	En48.3Fs8.1Wo43.7, maskl.
ALH-77151	9.22	H5	18.2(17.5-19.0)	15.7(14.7-16.4)	A	ap.
ALH-77152	8.83	H5	18.1(17.2-18.8)	15.8(15.2-16.8)	A	ap.
ALH-77154	5.21	H5	18.8(17.9-20.4)	16.1(15.4-16.5)		En50.3Fs6.2Wo43.5
ALH-77155	158.28	L6	24.4(23.5-25.4)	20.6(19.6-22.4)	A/B	Pl(An9.7Or4.0), ap.
ALH-77156	8.47	EH4	0.1	0.8(0.1-2.1)	A	
ALH-77157	44.08	H6	18.1(16.7-18.7)	16.0(15.3-16.8)	A/B	
ALH-77158	10.03	H5	18.1(17.3-18.9)	15.9(15.4-16.7)	B	
ALH-77159	8.37	L6	23.8(23.2-24.6)	20.0(8.9-20.7)	A/B	En47.8Fs7.6Wo4.6, merr.
ALH-77160	35.65	L3	22.6(2.4-45.6)	8.2(1.3-18.4)	C	
ALH-77162	14.72	L6	24.6(23.8-25.2)	20.7(19.2-21.4)	A	merr.
ALH-77163	12.17	L3	16.5(2.6-38.0)	12.0(2.9-34.3	B/C	En40.9Fs33.8Wo25.4
ALH-77164	18.23	L3	14.8(0.7-37.1)	8.4(0.8-32.7)	C	
ALH-77165	14.71	L3	17.6(0.6-35.7)	8.5(0.6-25.0)	C	
ALH-77166	69.38	L3	19.4(1.1-42.0)	12.8(0.4-33.4)	C	En70.9Fs22.7Wo6.2, En90.1Fs4.1Wo5.8
ALH-77167	306.65	L3	17.0(0.2-33.8)	7.4(1.2-30.8)	C	En82.5Fs10.4Wo7.1
ALH-77168	11.78	H5	18.5(17.6-19.1)	16.0(15.7-16.5)	B	merr.
ALH-77169	7.34	L6	24.2(23.3-27.0)	19.9(19.7-20.2)		chro., merr., maskl.
ALH-77171	11.41	H5	19.0(18.4-20.2)	16.9(16.0-18.0)	A/B	Pl(An11.2)
ALH-77172	6.42	H4	18.5(17.5-19.6)	16.1(15.4-17.4)		Pl(An11.2), merr.
ALH-77173	12.12	H5	18.4(17.7-19.4)	15.8(15.1-16.6)	B	En60.7Fs9.1Wo30.2, merr.
ALH-77174	15.56	H5	18.6(17.8-19.7)	16.1(15.1-16.7)	A	ap., merr.
ALH-77175	11.14	L3	20.6(2.6-40.9)	13.8(1.6-38.7)	B/C	En84.6Fs6.2Wo9.2, En77.9Fs14.3Wo7.8
ALH-77176	27.14	L3	12.4(0.4-33.0)	9.2(0.3-29.0)	B	En70.5Fs18.1Wo11.4
ALH-77177	173.33	H5	17.7(17.1-18.5)	15.7(14.5-16.6)	C	Pl(An14.0Or5.9)

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-77179	9.18	H5	18.6(17.9-20.0)	16.1(15.1-17.3)		merr.
ALH-77180	95.30	L6	24.3(23.7-25.1)	20.6(19.7-21.8)	C	En60.5Fs11.4Wo28.0
ALH-77181	15.47	H5	19.9(18.6-21.3)	17.1(15.9-18.0)	B	
ALH-77182	518.81	H5	19.7(18.9-20.2)	17.1(16.2-17.5)	C	merr.
ALH-77183	143.28	H6	19.3(18.5-20.1)	16.6(15.8-17.3)	C	
ALH-77184	64.19	H5	17.4(16.7-17.8)	15.3(14.7-16.8)	B	
ALH-77185	13.78	L3	19.7(1.4-36.6)	11.0(1.1-25.1)	A/B	Pl(An75.2)
ALH-77186	59.76	H5	17.2(16.6-18.3)	15.2(14.2-15.6)	A/B	merr.
ALH-77187	27.27	H5	17.2(16.2-18.0)	13.7(13.7-16.0)	A/B	
ALH-77188	54.23	H5	17.3(15.8-19.6)	15.3(13.8-17.6)	A/B	
ALH-77190	197.75	H4	17.7(16.5-18.5)	15.6(13.9-17.3)	C	En79.1Fs15.9Wo5.0
ALH-77191	318.39	H4	17.1(16.6-17.8)	15.1(14.0-17.8)	C	merr.
ALH-77192	421.92	H4	17.4(16.6-18.7)	15.1(14.0-17.8)	C	merr.
ALH-77194	10.94	H5	18.3(16.8-19.7)	16.0(15.2-17.2)		Pl(An11.2), En79.9Fs14.7Wo5.5, merr., ap.
ALH-77196	5.15	L6	24.4(23.5-25.2)	20.2(19.5-20.7)		Pl(An9.9-11.4)
ALH-77197	9.83	L3	18.6(17.8-18.3)	16.2(14.9-18.1)	A/B	merr.
ALH-77199	3.13	H5	18.5(17.7-19.0)	16.2(15.3-17.8)		Pl(An11.2)
ALH-77201	6.84	H5	18.3(16.5-19.9)	16.0(15.1-16.7)	A	Pl(An12.8Or2.2), merr., ap.
ALH-77203	6.82	H4	18.3(17.5-18.9)	15.9(15.1-16.4)		
ALH-77204	5.61	H4	18.4(17.6-19.2)	15.9(15.6-16.4)		
ALH-77206	4.36	H5	18.6(17.8-19.3)	15.9(14.8-16.9)		merr.
ALH-77208	867.19	H4	17.7(16.5-19.2)	15.4(14.2-17.2)	C	
ALH-77209	15.99	H6	18.7(17.8-19.6)	16.4(15.5-17.7)	B	Pl(An12.3-13.2Or2.1-2.3), merr. ap.
ALH-77210	5.93	H6	18.3(17.5-19.1)	15.8(14.9-16.4)		Pl(An11.1-13.1), merr., ap.
ALH-77211	14.56	L3	20.2(5.1-41.1)	11.2(1.3-30.7)	B/C	En81.4Fs3.3Wo15.4, En58.9Fs23.3Wo17.8, En63.9Fs26.2Wo9.8
ALH-77212	7.57	H6	18.5(17.9-19.2)	16.2(15.5-17.0)	A/B	
ALH-77214	1021.21	L3	13.7(0.5-27.4)	13.5(1.8-31.8)	C	
ALH-77215	402.2	L3	23.4(7.9-25.7)	18.1(3.1-21.1)	B	
ALH-77216	732.67	L3	(15-35)	(14-23)	A/B	
ALH-77217	204.77	L3	24.3(14.8-32.1)	19.6(11.2-20.9)	B	En73.3Fs21.0Wo5.3
ALH-77218	21.88	L5	23.4(17.7-24.5)	17.4(1.9-21.0)	A	
ALH-77219	316.84	Mes	26	(18.9-30.6)	B	Pl(An90.2-96.1), En67.1-80.0Fs18.9-30.6Wo1.0-3.2
ALH-77220	33.90	H5	16.8(16.0-17.3)	15.2(14.4-15.9)	B	En76.2Fs12.6Wo11.2, merr.
ALH-77221	114.11	H4	15.7(14.9-18.7)	14.1(13.0-16.2)	C	merr.
ALH-77222	64.07	H4	17.2(16.3-17.8)	15.2(14.0-15.8)	A/B	En72.4Fs12.0Wo15.7
ALH-77223	103.27	H4	17.3(16.1-18.6)	15.3(14.7-16.1)	C	En64.0Fs8.7Wo27.3, En48.0Fs4.6Wo47.4, merr.
ALH-77224	385.20	H4	17.8(16.3-19.6)	15.6(14.3-16.8)	C	
ALH-77225	2944.5	H4	17.3(16.4-18.3)	15.1(14.3-15.9)	C	merr.
ALH-77226	7604.7	H4	17.5(16.8-18.7)	15.6(15.0-16.9)	C	merr., ap.
ALH-77227	7.66	H5	18.3(17.3-19.5)	15.8(14.6-16.9)	A	En79.9Fs14.9Wo5.2
ALH-77228	8.57	H5	17.7(16.7-18.3)	15.5(14.6-16.0)	B	
ALH-77229	12.47	H5	18.4(9.4-22.6)	16.3(12.6-20.7)		Pl(An12.4-13.3), merr.
ALH-77230	1131.59	L4	23.1(22.5-23.6)	19.3(18.3-21.0)	C	
ALH-77231	4644.8	L6	24.1(23.3-24.9)	20.2(19.0-20.8)	A/B	Pl(An9.4Or6.1), ap.
ALH-77232	3270.8	H4	17.6(17.2-18.0)	15.3(14.5-15.9)	C	Pl(An12.6Or6.0), En78.9Fs13.9Wo7.2
ALH-77233	2130.9	H4	17.3(16.0-18.2)	15.1(14.0-16.4)	C	merr., ap.
ALH-77234		Ter				Terrestrial
ALH-77236	6.91	H5	18.6(17.9-19.3)	16.5(15.8-17.9)		En77.2Fs14.6Wo8.3, merr.
ALH-77238	5.83	H6	19.0(18.3-20.5)	16.6(15.8-17.4)		Pl(An11.7)
ALH-77239	8.86	H6	18.0(17.2-18.5)	15.9(14.4-16.4)	B	Pl(An12.8Or6.0)
ALH-77240	14.07	H5	18.9(17.7-22.6)	16.0(14.9-17.0)	A	Pl(An8.9 Or9.3)
ALH-77241	72.33	L3	14.4(0.4-37.8)	9.2(1.3-30.4)	C	En62.4Fs23.3Wo14.2
ALH-77242	28.15	H5	18.0(17.4-18.6)	16.1(15.5-17.5)	B	En76.6Fs18.2Wo5.2
ALH-77243	9.22	H5	18.6(17.1-18.9)	16.0(14.9-17.8)		ap.
ALH-77244	18.92	L3	14.2(0.4-35.6)	9.6(1.9-33.4)	B/C	En79.3Fs12.9Wo78, En68.2Fs21.9Wo8.9
ALH-77245	16.43	H5	18.3(17.7-19.1)	16.0(15.1-16.9)	A/B	
ALH-77246	19.69	H6	18.9(18.2-19.7)	16.3(15.9-16.8)	B	
ALH-77247	20.22	H5	18.7(18.1-19.8)	16.2(15.6-17.0)	A/B	
ALH-77248	48.72	H6	18.7(18.3-19.1)	16.7(15.7-17.2)	B/C	
ALH-77249	257.05	L3	13.2(0.4-39.1)	11.7(1.3-33.9)	C	En88.3Fs1.0Wo10.7
ALH-77250	5420	IAOg				
ALH-77251	34.14	L6	25.0(24.2-26.3)	21.3(19.4-21.7)	B	
ALH-77252	171.43	L3	24.3(0.4-30.1)	20.0(4.8-37.9)	B	Pl(An10.7), ap.
ALH-77253	10.02	H5	18.5(17.8-19.1)	15.8(15.2-16.5)	A/B	
ALH-77254	118.52	L5	22.4(21.7-23.3)	18.7(13.2-20.5)	A/B	
ALH-77255	367	Anom				Anomalous ataxite, 12.2%Ni, silicate inclusion
ALH-77256	329.2	Dio		(21.5-25.2)	A/B	Pl(An90.0-92.1), En44.5-76.9Fs7.7-25.2Wo1.5-46.6
ALH-77257	960.5	Ure	(11.4-14.1)		A	En80.8-82.4Fs11.2-12.7Wo5.7-6.5
ALH-77258	330.3	H6	18.2(17.6-18.9)	15.7(15.0-16.3)	B/C	Pl(An12.3Or3.2)
ALH-77259	147.84	L5	24.6(23.6-26.7)	20.3(18.6-21.5)	C	
ALH-77260	412.31	L3	19.1(1.8-40.5)	10.0(1.8-27.8)	C	
ALH-77261	213.21	L6	24.1(22.8-24.7)	20.3(19.1-21.3)	B	Pl(An12.8Or5.7)
ALH-77262	442.2	H4	18.2(17.0-19.3)	16.2(15.4-18.6)	B/C	
ALH-77263	779	IAOg				
ALH-77264	0.08	H5	18.3(17.3-19.0)	16.0(14.6-18.8)	A/B	merr.
ALH-77265	9.34	H5	16.9(15.1-18.6)	15.1(14.2-16.3)	B	En52.4Fs5.4Wo42.2, merr.
ALH-77266	54.58	H5	19.3(18.1-19.6)	16.6(15.4-17.4)	B	

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-77267	51.31	L6	24.3(23.5-24.8)	20.1(19.4-20.8)	A	En50.8Fs8.7Wo40.5
ALH-77268	136.66	H5	18.4(17.8-19.1)	16.3(15.5-17.5)	C	
ALH-77269	475.10	L6	24.5(23.5-25.6)	20.8(20.2-21.7)	B	
ALH-77270	296.67	L6	24.6(23.7-25.6)	20.7(19.7-21.2)	A/B	Pl(An10.2Or4.0), En46.9Fs7.9Wo45.2
ALH-77271	293.16	H5	19.2(18.0-20.1)	16.6(15.7-17.2)	C	En48.3Fs6.3Wo45.4
ALH-77272	283.81	L6	24.8(23.5-20.5)	20.9(20.0-22.4)	B/C	En7.3Fs6.5Wo46.1, ap.
ALH-77273	219.13	L6	24.5(23.3-26.4)	20.5(19.5-21.4)	B	En47.3Fs8.1Wo44.6
ALH-77274	138.17	H5	18.6(18.0-19.2)	16.3(14.8-18.5)	C	merr.
ALH-77275	11.04	H5	18.1(17.2-18.7)	16.0(15.0-17.8)	A	En48.7Fs5.4Wo46.3
ALH-77277	71.82	L6	24.6(23.8-25.1)	20.4(19.5-21.0)	A/B	
ALH-77278	127.72	LL3	22.2(0.8-35.2)	14.1(1.8-23.4)	A	
ALH-77279	86.24	H5	18.6(17.4-19.9)	15.8(4.2-17.2)	A	Pl(An11.3Or5.5), En76.9Fs15.6Wo7.5
ALH-77280	1626.86	L6	24.7(23.8-25.8)	20.8(19.1-23.0)	B	ap.
ALH-77281	630.01	L6	24.8(24.0-26.2)	20.6(19.4-22.6)	B	ap.
ALH-77282	1977.57	L6	24.4(23.7-25.0)	20.7(19.8-21.8)	B	En46.3Fs9.5Wo44.2
ALH-77283	4340	IAOg				
ALH-77284	200.17	L6	24.8(24.0-20.3)	20.6(18.9-21.4)	A/B	Pl(An10.3Or5.0), merr., maskl.
ALH-77285	138.16	H5	19.1(18.2-20.3)	16.6(15.7-17.4)	C	En74.0Fs14.5Wo11.5, En48.4Fs6.8Wo44.8
ALH-77286	124.84	H4	17.6(16.6-18.4)	15.4(10.6-24.7)	C	
ALH-77287	116.30	H5	18.5(17.9-19.7)	15.8(14.9-16.5)	C	
ALH-77288	936.60	H6	19.2(19.7-20.2)	16.7(16.3-17.2)	C	
ALH-77289	1012	IAOg				
ALH-77290	1734	IAOg				
ALH-77292	100.43	L6	24.3(23.9-24.9)	20.4(19.8-21.0)	B	Pl(An9.9Or6.0), ap., maskl.
ALH-77293	54.16	H6	24.3(23.6-25.5)	20.3(19.4-21.0)	B	Pl(An11.2Or7.2)
ALH-77294	673.35	H5	17.2(16.4-18.0)	15.0(14.5-15.6)	A	En49.1Fs5.5Wo45.4
ALH-77295	72.54	EH4	0.6(0.4-0.8)	1.6(0.3-6.5)	B	
ALH-77296	483.50	L6	24.2(23.4-24.7)	20.3(19.6-21.0)	A/B	En47.8Fs7.6Wo44.6)
ALH-77297	480.79	L6	24.7(23.5-25.5)	20.4(19.6-21.0)	A	
ALH-77299	114.99	H3	16.3(2.7-34.6)	12.2(2.0-31.9)	A	En75.3Fs14.2Wo10.6
ALH-77300	126.29	H5	18.1(17.2-18.7)	15.8(14.7-16.9)	C	Pl(An14.4Or5.0)
ALH-77301	26.65	L6	24.0(23.3-24.5)	20.2(19.0-21.7)	A	En59.3Fs11.2Wo29.5
ALH-77302	114.36	Euc(pol)		(34.8-56.0)	A	Pl(An68.1-94.9), En30.8-62.8Fs31.8-56.0Wo3.6-19.0
ALH-77303	34.75	L3	(2.6-38.9)	9.4(1.0-29.4)	B/C	Pl(An3.2)
ALH-77304	334.26	LL3	25.3(23.7-26.1)	16.9(6.1-33.5)	B	En56.9Fs22.9Wo20.1, chro., il., sp., ap.
ALH-77305	3174.41	L6	24.3(23.1-25.2)	20.6(19.5-21.7)	B/C	En48.5Fs8.1Wo43.4
ALH-77306	9.64	CM2	9.3(0.3-55.6)	(4.2-10.6)	A	ap.
ALH-77307	85.59	CO3	8.9(0.2-45.7)	2.0(0.6-7.5)	A	
<Purgatory Peak-77 Meterorite>						
PGP-77006	8160	IAOg				
<Allan Hills-78 Meteorites>						
ALH-78001	43.94	H5	17.7(16.3-18.8)	16.4(15.0-19.2)		merr.
ALH-78003	62.42	L6	25.3(24.1-28.9)	21.7(20.3-23.8)		ap., merr.
ALH-78004	19.11	H5	19.1(18.7-19.7)	16.6(15.8-17.5)		merr.
ALH-78005	13.26	H5	18.9(18.0-20.1)	16.2(14.6-17.9)		ap., merr.
ALH-78006	4.36	How		(20.6-65.3)	A	Pl(An74.9-92.9), En25.7-76.1Fs18.6-65.3Wo1.3-46.1
ALH-78007	8.45	H5	18.6(17.4-20.6)	17.8(15.5-27.6)		
ALH-78009	9.18	H4	18.4(17.8-19.3)	15.8(14.9-16.5)		
ALH-78011	4.84	L3	17.8(1.3-40.6)	11.8(0.8-39.2)		Pl(An63.7Or1.5), En82.8Fs9.8Wo7.4
ALH-78012	18.42	H5	18.9(18.1-19.7)	16.8(15.7-18.7)		merr.
ALH-78014	6.95	L3	19.6(0.5-42.1)	12.1(1.6-39.0)		En69.3Fs24.0Wo6.8, En46.9Fs20.2Wo32.9, En62.9Fs1.9Wo35.1
ALH-78015	17.04	LL3	16.0(1.2-39.1)	9.2(0.6-30.7)		
ALH-78016	2.55	H5	18.7(18.1-19.3)	16.7(15.9-19.5)		Pl(An9.3, 12.1), merr., maskl.
ALH-78018	8.30	H5	18.9(18.1-19.6)	16.4(15.4-17.3)		
ALH-78019	16.27	Ure	(19.1-23.6)	18	B/C	En70.9-72.2Fs17.6-19.2Wo9.0-10.1
ALH-78020	14.17	H4	18.4(17.8-19.3)	16.0(15.3-16.9)		Pl(An10.7)
ALH-78021	8.13	H5				
ALH-78022	6.54	H5	18.6(17.7-19.4)	16.0(15.1-16.7)		merr.
ALH-78024	3.15	H6	18.7(18.0-19.4)	16.3(14.7-18.1)		En49.0Fs5.7Wo45.3, merr.
ALH-78026	7.78	H4	18.4(17.4-19.5)	15.8(15.3-16.5)		
ALH-78027	11.50	H5	19.0(18.2-20.0)	16.7(15.5-18.5)		En47.1Fs6.4Wo6.5, merr.
ALH-78030	2.68	H5	18.2(17.4-19.0)	16.2(15.1-18.1)		Pl(An11.4-12.7), merr.
ALH-78032	2.08	H6	18.5(17.4-19.5)	16.3(15.3-17.7)		Pl(An12.3, 13.8), merr., maskl.
ALH-78034	2.35	H6	19.4(18.7-20.1)	17.0(16.3-17.6)		Pl(An11.8-12.2)
ALH-78036	1.03	H5	19.0(18.3-20.5)	16.8(15.7-18.5)		En48.7Fs6.6Wo44.7, merr.
ALH-78038	179.88	L3	13.5(0.2-29.1)	10.6(1.9-32.6)	C	Pl(An5.9Or8.2), En50.5Fs15.5Wo34.1, En70.1Fs16.9Wo13.1
ALH-78039	151.03	L6	25.2(23.9-26.0)	21.5(20.1-23.9)	B	
ALH-78040	108.21	Euc(pol)		(26.6-60.9)	A	Pl(An74.3-92.1), En27.9-69.1Fs26.6-60.9Wo1.9-29.3
ALH-78041	57.72	L3	13.8(1.2-32.0)	10.0(1.6-23.8)		
ALH-78042	104.30	L6	24.8(23.6-25.5)	20.8(19.0-21.8)	B	ap.
ALH-78043	336.99	L6	24.7(23.6-25.6)	20.4(19.3-21.3)	B	merr., maskl.
ALH-78044	80.19	L4	23.9(23.0-24.6)	19.8(18.8-20.7)	B/C	
ALH-78045	182.23	L6	24.7(23.7-25.8)	20.4(19.5-21.2)	B/C	En47.0Fs7.0Wo6.0, ap.
ALH-78046	31.50	L3	18.8(11.2-22.1)	11.5(2.8-30.5)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-78047	63.05	H5	18.3(12.3-20.2)	15.4(5.0-16.6)	B	
ALH-78048	98.26	L6	24.5(22.3-27.2)	20.5(19.7-21.5)	A/B	maskl.
ALH-78049	49.42	H5	18.8(17.5-20.6)	16.2(15.7-17.1)		merr.
ALH-78050	523.41	L6	24.6(23.5-25.7)	20.7(19.8-22.0)	B	
ALH-78051	61.84	H4	18.6(17.8-19.5)	16.1(15.3-17.0)		ap.
ALH-78052	49.43	H5	17.8(16.8-18.6)	15.6(14.4-17.2)	C	ap. merr.
ALH-78053	95.25	H4	18.0(17.0-19.9)	16.2(15.2-19.0)	C	En70.7Fs12.2Wo17.0, merr.
ALH-78054	9.31	LL5	29.7(27.8-30.7)	24.0(23.3-25.6)		En46Fs10Wo44, En69.5Fs21.7Wo8.8, merr., ap.
ALH-78056	10.61	H3	17.9(16.6-19.2)	15.5(14.9-17.4)		shocked, En63.0Fs9.0Wo28.0, chro., merr.
ALH-78058	14.44	H5	18.0(17.1-19.1)	16.0(17.4-16.8)		merr.
ALH-78060	5.41	H6	19.1(18.1-19.8)	16.7(15.6-17.3)		Pl(An11.3, 11.7), En48.0Fs6.0Wo46.0, ap.
ALH-78061	1.64	H5	18.3(17.3-18.7)	15.9(15.3-16.5)		En48.3Fs5.2Wo46.5, merr.
ALH-78063	37.02	LL6	29.4(28.5-30.4)	23.7(22.7-24.8)		breccia
ALH-78064	10.37	L6	24.8(24.0-25.8)	20.9(19.7-21.0)		Pl(An11.2Or5.3), maskl.
ALH-78066	8.48	H5	18.4(17.6-21.7)	16.0(14.7-19.4)		En49.9Fs6.3Wo43.8
ALH-78068	3.19	L6	24.2(22.8-26.1)	20.3(19.8-21.0)		maskl.
ALH-78071	5.72	H6	18.2(17.0-19.5)	16.3		Pl(An10.6)
ALH-78073	2.98	LL6	29.0(25.0-29.8)	23.9(22.8-24.5)		Pl(An10.1, 12.9), En50.1Fs10.1Wo39.8, sp., maskl.
ALH-78074	100.73	L6	24.9(23.1-26.1)	21.0(20.5-21.8)	B	Pl(An10.4 Or7.4)
ALH-78075	142.09	H5	18.6(17.8-19.4)	16.1(14.6-16.9)	B/C	merr.
ALH-78076	139.60	H6	18.3(17.3-19.2)	16.0(14.8-17.6)	B	
ALH-78077	164.67	H4	18.2(17.5-19.2)	15.6(14.5-16.4)	C	
ALH-78078	142.90	L6	24.3(23.4-25.8)	20.1(19.3-21.3)	A/B	Pl(An10.4 Or6.0), merr.
ALH-78080	12.94	H5	18.0(17.1-18.8)	15.7(14.7-16.3)		
ALH-78081	10.50	H5	18.0(17.0-19.3)	15.5(14.2-16.7)		
ALH-78082	12.06	LL6	27.0(25.7-28.1)	22.2(21.4-23.0)		ap., merr.
ALH-78083	11.43	H4	18.8(7.6-32.4)	16.6(15.1-21.2)	B	Pl(An10.4), En44.9Fs9.5Wo5.6, sp.
ALH-78084	6588	H3	18.5(17.3-19.9)	16.8(8.3-30.7)	B/C	En44.9Fs9.5Wo45.6, chro., sp.
ALH-78085	104.30	H5	18.0(13.4-23.0)	15.4(5.0-17.5)	B	merr.
ALH-78087	7.95	H5	18.4(17.8-19.4)	16.0(15.8-16.4)		Pl(An11.0), merr.
ALH-78089	12.23	H4	17.3(16.5-17.8)	15.2(14.9-15.7)		En76.8Fs13.0Wo10.1
ALH-78091	2.54	H4	18.5(17.4-19.7)	16.1(15.0-16.7)		
ALH-78092	8.62	H5	18.1(17.2-18.8)	15.9(14.6-18.9)		ap., merr.
ALH-78093	2.62	H5	18.6(17.5-19.7)	16.1(15.5-17.1)		Pl(An14.1), En47.0Fs5.8Wo47.1, merr.
ALH-78095	8.20	H5	17.5(16.7-17.9)	15.7(14.9-17.4)		Pl(An8.5)
ALH-78097	2.30	H5	18.2(17.2-19.8)	16.0(14.4-16.9)		Pl(An12.2), En49.2Fs6.0Wo44.8
ALH-78099	2.10	H5	18.1(17.0-18.8)	16.1(15.3-17.1)		En77.8Fs14.1Wo8.0
ALH-78100	85	IIA				
ALH-78101	59.90	L6	24.5(23.6-25.6)	20.6(19.8-21.5)		Pl(An10.9 Or7.4), ap.
ALH-78102	160.89	H5	18.9(18.0-19.5)	16.3(15.1-16.9)	B/C	
ALH-78103	297.53	L6	24.6(23.8-25.5)	20.6(19.9-21.5)	B	En47.0Fs8.1Wo45.0
ALH-78104	283.09	L6	24.6(23.7-25.4)	20.7(19.5-21.7)	B	Pl(An10.2Or5.2)
ALH-78105	470.36	L6	24.6(24.0-25.8)	20.5(19.6-21.1)	B	Pl(An10.6Or6.6)
ALH-78106	228.80	L6	24.8(23.1-25.7)	20.8(19.4-22.0)	A/B	Pl(An10.1Or4.5)
ALH-78107	92.56	H5	18.3(17.6-19.1)	15.9(15.3-16.7)	C	
ALH-78108	83.80	H3	17.1(0.4-27.6)	13.6(2.1-19.2)	B	En90.4Fs4.0Wo5.7
ALH-78109	109.28	LL5	28.4(27.3-29.3)	23.1(22.3-23.6)	A/B	Pl(An11.6Or5.6)
ALH-78110	81.37	H5	18.8(18.2-20.2)	16.4(14.9-17.4)	B/C	merr.
ALH-78111	65.50	H5	18.1(17.5-18.9)	16.0(14.9-17.1)	B/C	Pl(An13.1Or4.4), En47.5Fs7.1Wo5.4
ALH-78112	1207.92	L6	24.4(22.4-25.7)	20.3(19.0-21.7)	B	merr.
ALH-78113	145.40	Aub	0	(0-0.1)	A/B	Pl(An25.3, Or1.5), En98.7-99.5Fs0-0.1Wo0.3-1.3
ALH-78114	362.05	L6	24.3(23.1-25.7)	20.2(19.0-21.2)	B/C	En46.6Fs8.2Wo45.2, ap., merr.
ALH-78115	424.42	H6	18.7(17.5-19.3)	16.3(15.3-17.3)	B	Pl(An12.3Or4.8)
ALH-78116	66.59	H5	18.2(17.5-18.7)	15.9(14.9-17.6)	B	
ALH-78118	7.92	H5	18.1(17.3-18.7)	15.6(15.1-16.3)		Pl(An11.8), En78.6Fs14.9-En49.2Fs5.9, merr., ap.
ALH-78119	50.81	L3	12.4(0.3-30.9)	8.4(0.7-22.6)		
ALH-78120	21.11	H4	18.7(18.0-19.3)	16.1(14.5-17.0)		merr.,En67.3Fs12.1Wo20.5
ALH-78121	15.04	H5	18.5(17.7-19.3)	16.3(15.1-17.6)		merr.
ALH-78123	9.64	H5	18.7(17.6-19.5)	16.3(15.1-17.8)		
ALH-78124	13.30	H6	18.0(16.8-19.6)	16.1(15.8-16.8)		merr.
ALH-78125	8.18	L6	24.8(23.1-26.1)	20.7(19.7-21.7)	B	En47.9Fs7.8Wo44.3, ap., merr., maskl.
ALH-78126	300.34	L6	24.4(23.5-25.2)	20.6(19.8-22.2)	B	Pl(An11.2Or6.0), En47.6Fs7.0Wo45.5
ALH-78127	97.24	L6	24.8(23.2-25.9)	20.5(19.4-21.7)	B/C	Pl(An10.6Or6.6)
ALH-78128	78.72	H5	19.4(18.6-20.0)	16.6(15.5-17.1)	C	
ALH-78129	61.73	H4	18.5(18.0-19.1)	16.1(15.3-16.9)		En46.8Fs6.7Wo6.5, En74.8Fs13.4Wo11.7, merr.
ALH-78130	1321.10	L6	24.5(23.5-25.3)	20.5(19.5-21.5)	B/C	Pl(An10.9Or2.4). merr., maskl.
ALH-78131	129.29	L6	24.4(24.0-25.2)	20.5(19.3-21.5)	B/C	Pl(An10.2Or5.4), merr., maskl.
ALH-78132	329.85	Euc(pol)		(29.4-63.7)	A	Pl(An70.2-91.5), En26.4-66.3Fs26.5-64.7Wo1.9-41.5
ALH-78133	28.49	L3	(1-34)	(1-16)		
ALH-78134	226.62	H4	17.9(16.8-18.8)	15.6(15.0-16.3)	B/C	merr.
ALH-78135	68.61	H6	18.7(17.3-19.5)	16.3(14.7-17.4)	B	Pl(An10.0Or4.9), En48.6Fs5.9Wo45.6
ALH-78136	24.67	H5	18.2(17.3-18.8)	15.7(14.0-17.6)		merr.
ALH-78137	37.33	H6	18.3(17.6-19.0)	16.2(15.5-16.9)		merr., ap.
ALH-78139	7.13	H4	18.2(17.6-19.1)	15.8(14.8-17.3)		En77.8Fs15.9Wo6.3, merr.
ALH-78140	8.02	H4	18.5(17.9-19.6)	16.3(15.3-18.7)		
ALH-78141	12.02	H5	18.4(17.8-18.8)	15.9(13.6-17.9)		merr.
ALH-78142	15.51	L4	23.4(22.8-24.2)	19.3(18.5-19.9)		En53.0Fs11.6Wo35.4
ALH-78143	2.23	LL3	26.6(1.1-41.8)	16.6(3.7-33.3)		En66.7Fs25.4Wo7.9, chro.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-78145	18.75	H6	18.5(17.5-19.1)	16.2(15.5-17.8)		
ALH-78146	8.48	H5	18.4(17.7-19.1)	16.0(14.9-17.3)		merr.
ALH-78147	15.40	H5-6	18.7(17.9-19.6)	16.2(15.7-17.0)		Pl(An11.0Or6.1), merr.
ALH-78148	3.32	H5	18.6(18.1-19.2)	(15.9-17.1)		Pl(An12.3), merr.
ALH-78149	12.58	L3	18.6(18.0-19.3)	16.2(15.0-18.1)		En69.9Fs13.3Wo16.9
ALH-78150	7.46	H5	18.1(17.4-18.8)	15.8(14.9-16.9)		merr.
ALH-78151	10.34	H6	17.8(17.2-18.8)	15.6(14.6-16.2)		
ALH-78153	81.41	LL6	30.1(29.4-30.8)	24.6(23.7-25.5)	B/C	Pl(An9.7Or3.4)
ALH-78155	4.36	H6	18.6(17.6-19.2)	17.1(16.1-20.8)		Pl(An10.8-12.6), chro.
ALH-78157	31.53	H4	18.5(17.4-20.1)	16.0(14.9-17.1)		merr.
ALH-78158	7.02	Euc(pol)		(35.4-56.2)	A	Pl(An78.5-94.0), En28.2-61.9Fs32.5-56.2Wo2.5-28.4
ALH-78159	11.74	H5	18.7(17.4-19.3)	16.2(15.0-19.1)		Pl(An12.1Or5.2), merr.
ALH-78160	7.51	H5	18.7(17.7-16.7)	16.0(14.8-16.7)		merr.
ALH-78161	3.00	L6	24.7(23.9-27.1)	20.4(20.0-21.0)		En47.8Fs7.5Wo44.6, ap., maskl.
ALH-78162	16.27	L3	14.2(0.4-31.4)	10.3(1.2-24.5)		
ALH-78164	13.44	H5	18.7(18.1-19.5)	16.0(15.0-17.0)		ap.
ALH-78165	9.30	Euc(pol)		(48.2-62.2) (57.6-60.7)	A	Pl(An85.4-95.0), En32.7-58.7Fs35.5-62.2Wo1.7-16.6 subophitic clast: Pl(An80.9-87.3), En29.9-40.4Fs37.4-60.7Wo2.1-32.7
ALH-78167	11.30	H6	18.8(18.0-20.3)	16.2(15.9-16.5)		Pl(An12.3-13.6), En48.4Fs5.6Wo45.9
ALH-78168	16.67	H4	18.7(17.9-19.8)	16.1(14.9-16.8)		merr.
ALH-78169	11.57	H5	18.8(18.0-20.6)	16.5(15.7-18.9)		
ALH-78170	8.70	H3	16.1(0.4-31.1)	8.8(0.8-22.5)		
ALH-78171	9.93	L6	24.7(23.9-25.2)	20.7(19.3-22.0)		merr.
ALH-78172	16.30	H4	18.5(17.6-19.3)	15.9(15.5-16.4)		merr.
ALH-78173	9.70	H5	17.8(0.9-20.4)	15.6(3.8-26.5)		ap.
ALH-78175	9.71	H5	18.3(17.6-18.9)	16.0(15.6-16.3)		Pl(An8.8, 9.9)
ALH-78177	12.46	H5	18.9(18.0-21.2)	16.5(15.5-17.4)		Pl(An10.9)
ALH-78179	10.88	H4	18.2(17.2-19.0)	15.7(15.1-16.5)		
ALH-78181	7.15	H4	17.4(16.5-17.7)	15.3(14.8-15.9)		Pl(An12.2)
ALH-78183	10.49	H4	18.6(17.9-19.6)	16.0(15.4-16.6)		Pl(An11.3), En74.2Fs14.1Wo11.7, En49.2Fs6.0Wo44.8, merr.
ALH-78185	5.77	L6	24.2(23.3-25.1)	20.4(19.8-21.3)		Pl(An9.9-10.8)
ALH-78187	3.67	L6	23.8(23.3-24.4)	20.3(19.5-23.5)		En48.4Fs8.0Wo43.6, merr., ap., maskl.
ALH-78189	11.64	H5	18.6(17.5-20.2)	16.0(15.1-16.8)		En74.4Fs13.8Wo11.8, merr.
ALH-78190	8.68	H5	18.6(17.4-20.0)	16.3(15.3-17.1)		merr.
ALH-78191	9.93	H6	18.7(18.1-19.2)	16.1(15.0-17.7)		
ALH-78192	12.42	H5	18.1(17.4-18.6)	15.8(14.8-17.5)		Pl(An10.8, 12.1), En49.4Fs5.3Wo45.3, merr., pig.
ALH-78194	11.40	H5	19.0(18.2-19.7)	16.4(15.4-18.0)		
ALH-78195	14.95	H5	18.4(17.5-20.7)	15.8(15.4-16.7)		Pl(An11.5), En48.4Fs6.4Wo45.2, ap.
ALH-78197	9.32	H5	18.5(17.8-19.3)	16.1(14.2-17.0)		merr.
ALH-78198	10.47	H4	17.9(15.4-19.0)	15.4(14.7-16.0)		Pl(An10.3, 11.6), En60.3Fs9.6Wo36.1, En46.7Fs5.5Wo47.8, merr.
ALH-78200	14.17	H6	17.5(16.8-18.1)	15.4(14.7-15.9)		Pl(An10.6-11.5), merr., ap.
ALH-78202	12.95	H5	18.0(16.9-20.3)	15.5(14.0-16.3)		En49.7Fs5.8Wo44.5, merr.
ALH-78204	11.11	H5	18.4(17.5-21.1)	15.9(14.9-16.8)		Pl(An10.1-12.0), ap., Cpx.
ALH-78206	9.77	H5	18.2(17.2-18.8)	15.4(9.9-17.8)		Pl(An11.7-12.2), En49.0Fs5.4Wo45.7, merr.
ALH-78208	10.46	H4	18.1(17.3-19.1)	15.9(15.1-16.9)		En58.6Fs7.1Wo34.4, En49.2Fs5.3Wo45.5, merr., ap.
ALH-78210	8.95	H5	18.4(17.4-20.2)	16.9(15.7-20.4)		Pl(An11.6), En74.2Fs15.5Wo10.3, merr., ap.
ALH-78212	7.72	H5	18.5(17.8-20.4)	15.5(11.2-17.5)		with H6 clast. Pl(An11.3-12.2), merr.
ALH-78214	5.61	H5	18.2(17.2-19.5)	16.2(14.8-18.3)		En48.0Fs5.9Wo46.1, En55.7Fs7.9Wo36.4, merr.
ALH-78216	4.75	H5	18.3(17.1-18.7)	15.8(15.5-16.5)		En48.5Fs6.0Wo45.4, merr.
ALH-78218	7.85	H4	18.4(17.8-19.2)	15.8(14.9-16.3)		
ALH-78220	8.57	H5	18.1(17.6-18.5)	15.6(14.7-16.4)		
ALH-78222	5.02	H5	18.3(17.6-19.3)	16.1(15.0-19.1)		En49.0Fs5.8Wo45.2
ALH-78224	6.50	H5	18.4(17.1-21.8)	16.0(15.4-17.7)		Pl(An8.4-12.5), merr.
ALH-78226	6.26	H6	19.2(18.9-19.9)	17.0(16.2-19.8)		Pl(An11.4-12.7), En50.5Fs6.1Wo43.4, merr., ap., with H5 clast: Fa18.5(17.0-20.4), Fs16.2(15.1-17.0)
ALH-78228	2.96	H5	18.2(17.1-19.1)	16.0(15.0-17.1)		Pl(An5.3, 11.5)
ALH-78230	3.87	Unique(G)	10.3(9.9-10.8)	9.8(9.4-10.2)		Pl(An13.0-14.9), En52Fs4.5Wo43.6
ALH-78232	2.52	H5	18.3(17.6-19.8)	16.6(15.3-24.1)		Pl(An9.8)
ALH-78234	0.52	H5	19.0(17.8-20.9)	16.4(15.7-17.1)		
ALH-78235	9.02	L3	13.4(0.3-28.5)	9.7(0.2-30.8)		
ALH-78237	13.27	L3	17.7(0.3-49.4)	9.4(1.0-32.6)		
ALH-78239	8.61	L3	12.9(0.2-28.0)	7.3(0.5-21.8)		
ALH-78240	9.31	H4	18.6(15.9-19.8)	16.3(15.5-17.9)		
ALH-78242	7.34	H4	18.5(17.3-21.6)	15.6(3.8-19.7)		
ALH-78244	3.18	Ter				Terrestrial
ALH-78246	6.17	H5	18.5(17.7-20.3)	16.2(15.5-17.6)		
ALH-78248	4.73	H4	18.3(17.8-20.0)	16.0(15.0-18.5)		with H3(19.6:4.0-39.2, 6.8:1.0-41.3), merr.
ALH-78250	2.87	L3	24.5(5.4-41.6)	13.4(2.1-38.8)		En78.6Fs12.5Wo8.9, chro.
ALH-78251	662.44	L6	24.5(23.7-25.1)	20.7(19.6-22.3)	B	Pl(An9.5-10.8Or4.5-6.7)
ALH-78252	1318	IVA				
ALH-78254	6.04	H4	18.6(18.1-19.5)	16.1(15.3-17.7)		
ALH-78256	3.35	H4	18.4(17.4-19.3)	16.1(15.0-17.1)		En48.3Fs6.2Wo45.5, En45.8Fs9.7Wo44.5, ap.
ALH-78258	8.42	H4	18.5(17.9-19.8)	16.1(15.3-16.6)		Pl(An8.7), merr.
ALH-78260	2.72	L6	24.5(22.8-28.5)	20.8(20.0-22.2)		maskl.
ALH-78261	2.43	CM2	10.8(0.3-65.5)	5.8(0.5-45.6)	A	Pl(An100Or0.0), merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
ALH-78262	12.05	Ure	21.6(20.8-22.5)	18.0(16.9-18.9)	B/C	
<Bates Nunatak-78 Meteorites>						
BTN-78001	79.96	L6	24.6(23.3-26.3)	20.7(19.8-21.8)	B	En47.3Fs7.9Wo45.0
BTN-78002	1755.0	L6	24.6(23.8-25.5)	20.8(19.9-22.4)	B	merr.
BTN-78004	543.44	LL6	31.2(29.3-33.0)	25.0(24.2-25.6)	B	Pl(An11.7Or4.6), En47.0Fs12.3Wo40.7)
BTN-78005	43.50	H6	19.0(18.3-19.6)	16.7(16.0-17.3)		En48.0Fs5.8Wo46.2
<Derrick Peak-78 Meteorites>						
DRP-78001	15200	IIB				
DRP-78003	144.2	IIB				
DRP-78007	11800	IIB				
DRP-78008	26100	IIB				
DRP-78009	67600	IIB				
DRP-78010	missing					
<Meteorite Hills-78 Meteorites>						
MET-78001	307.51	H4	18.6(17.6-19.7)	16.1(14.9-17.1)	B/C	Pl(An11.5Or5.7), En47.4Fs5.7Wo47.0
MET-78002	261.94	L6	24.2(23.5-25.3)	20.1(19.2-21.1)	B	En47.4Fs7.7Wo44.8, merr.
MET-78003	859.66	L6	24.6(23.3-25.2)	20.7(20.1-21.3)	B	En59.6Fs11.7Wo28.7, maskl.
MET-78004	15.90	L6	24.6(23.5-25.4)	20.4(19.3-21.6)		Pl(An11.1Or3.3)
MET-78005	88.13	L6	24.1(23.5-24.5)	20.3(19.5-21.2)	B	En48.1Fs7.6Wo44.3
MET-78006	201.68	H6	18.5(17.8-19.9)	16.2(15.2-16.9)	C	
MET-78007	90.75	H6	18.4(17.2-19.3)	15.2(5.8-16.9)	B/C	
MET-78008	61.69	Ure	14.7-24.4			En54.2-56.3Fs12.7-14.7Wo30.4-32.3
MET-78009	13.23	H5	17.7(17.2-18.5)	15.6(14.9-16.5)		
MET-78010	112.53	H5	17.2(6.3-21.4)	14.3(2.8-19.9)	B	merr.
MET-78011	59.80	H5	18.5(17.0-24.3)	16.1(14.6-17.4)		En73.6Fs13.7Wo12.7, merr., ap.
MET-78012	44.01	H5	18.8(10.4-20.3)	16.2(10.8-17.1)		Pl(An12.9Or5.2), merr.
MET-78013	69.43	H6	18.8(17.6-20.9)	16.5(10.3-20.0)		merr.
MET-78014	54.90	H6	18.8(17.3-20.9)	15.9(11.1-17.5)		Pl(An2.6Or35.0)
MET-78015	17.46	L5	24.0(22.3-24.8)	20.2(18.6-21.5)		
MET-78016	56.60	H6	18.3(16.9-19.6)	16.0(14.7-17.7)		En48.2Fs5.7Wo46.1
MET-78017	24.49	H6	18.8(17.5-20.0)	16.1(4.6-19.5)		Pl(An13.1Or5.7), En48.2Fs6.5Wo5.4, merr.
MET-78018	42.14	H5	18.5(17.6-18.9)	16.3(15.2-17.2)		En48.2Fs6.8Wo45.0
MET-78019	47.26	H6	19.1(18.0-20.3)	16.2(15.4-17.0)		En73.0Fs13.2Wo13.2, merr.
MET-78020	31.46	H6	18.9(17.8-19.3)	16.0(14.9-16.7)		merr.
MET-78021	11.41	L6	18.8(17.1-20.3)	17.0(16.1-18.8)		
MET-78022	26.32	H5	18.4(16.4-20.9)	16.0(12.0-17.6)		En48.3Fs6.4Wo45.3
MET-78023	27.83	H5	18.8(18.1-19.5)	17.1(15.9-19.3)		En47.7Fs5.6Wo46.8, merr.
MET-78024	12.00	H6	19.3(17.9-20.3)	16.9(16.0-18.6)		
MET-78025	29.79	H6	19.2(18.3-19.9)	16.8(15.5-17.7)		merr.
MET-78026	36.03	H6	18.3(14.3-19.7)	16.3(10.6-17.6)		
MET-78027	24.54	H6	18.7(16.8-19.9)	16.9(14.9-19.7)		
MET-78028	10103.42	L6	24.6(23.4-26.3)	21.0(20.0-25.6)	B	Pl(An10.5-12.0Or3.9-5.3), En64.9Fs14.2Wo20.9
<Reckling Peak-78 Meteorites>						
RKP-78001	116.64	L6	25.0(23.9-26.8)	20.9(19.5-23.9)		ap.
RKP-78002	4118.50	H4	18.2(17.5-18.8)	15.8(15.3-16.3)		
RKP-78003	630.20	L6	24.4(23.7-26.2)	20.7(19.7-23.5)		
RKP-78004	88.90	H4	17.6(16.5-18.1	15.8(15.0-17.1)		merr.
RKP-78005	16.88	H5	18.3(17.2-19.0)	16.0(14.8-16.6)		
<Yamato-79 Meteorites>						
Yamato-790001	3.92	L6	24.8(23.9-26.1)	20.7(20.2-21.0)	B	En48.7Fs7.6Wo43.7, maskl.
Yamato-790002	0.48	H4	17.9(16.9-18.9)	15.9(15.1-19.0)	A/B	
Yamato-790003	4.29	CM2	2.3(0.3-20.4)	2.2(0.5-5.6)	B	
Yamato-790004	4.67	L6	24.9(24.0-26.1)	20.6(19.9-21.3)	A/B	Pl(An10.3), En46.6Fs7.9Wo45.5, maskl.
Yamato-790005	49.49	L6	23.9(23.0-25.6)	19.9(18.6-20.8)	B	Pl(An10), En47.4-47.7Fs7.0-6.8Wo45.4-45.6
Yamato-790006	29.42	Euc(pol)		(24.9-50.0)	A	Pl(An81.7-83.4), En24.4-72.0Fs24.9-57.7Wo45.6-45.4
Yamato-790007	80.38	Euc(pol)		(25.5-52.5)	A	Pl(An77.5-94.0), En22.3-70.2Fs22.5-66.0Wo2.8-30.3
Yamato-790008	11.39	L6	24.2(23.7-25.0)	20.1(18.9-20.9)	B	Pl(An10.6), maskl.
Yamato-790009	12.46	LL6	27.9(26.9-28.7)	23.1(22.4-24.3)	A	Pl(An8.9-10.0), En46.2Fs8.1Wo45.7, merr.
Yamato-790010	50.57	H4	17.4(10.8-20.8)	15.0(10.4-23.4)	B	
Yamato-790011	8.20	H6	18.0(17.2-18.7)	15.6(15.0-16.1)	B	Pl(An12.6-14.4), merr.
Yamato-790012	3.86					
Yamato-790013	8.94					
Yamato-790014	2.88					
Yamato-790015	2.63					
Yamato-790016	2.94					
Yamato-790017	3.69					
Yamato-790018	1.62					
Yamato-790019	9.88	H4	18.1(17.3-19.2)	16.0(15.3-17.1)	B	ap.
Yamato-790020	86.27	Euc(pol)		(25.9-51.9)		Pl(An81.2-94.0), En10.1-70.0Fs25.9-61.8Wo3.5-30.4
Yamato-790021	3.58	H6	18.8(17.7-19.5)	16.1(14.7-17.3)	B/C	
Yamato-790022	1.66	Dio(A)				
Yamato-790023	1.08					
Yamato-790024	3.99	H4	18.3(17.7-19.3)	16.4(15.0-22.2)	B	En50.2Fe6.0Wo43.8, En47.9Fs4.9Wo47.1

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790025	0.91					
Yamato-790026	2.68					
Yamato-790027	2.75					
Yamato-790028	2.86					
Yamato-790029	2.75					
Yamato-790030	0.37					
Yamato-790031	0.88					
Yamato-790032	6.08	CM2	6.9(0.2-49.8)	1.9(0.7-4.8)	A/B	En49.2Fs2.2Wo48.5
Yamato-790033	1.36	CM2				
Yamato-790034	0.29	CM2				
Yamato-790035	4.50	L4	25.0(24.0-26.2)	20.8(20.1-22.1)	A/B	
Yamato-790036	4.91	L4	24.8(24.0-25.5)	20.7(19.8-21.9)	B	Pl(An8.9)
Yamato-790037	4.16					
Yamato-790038	3.79					
Yamato-790039	1.86					
Yamato-790040	1.38					
Yamato-790041	1.46					
Yamato-790042	2.64	H4	16.5(15.1-17.0)	14.6(13.9-15.3)	B	merr.
Yamato-790043	162.01	H4	18.5(17.0-20.3)	16.4(14.9-19.4)	C	shocked, En51.5Fs6.5Wo42.0, clast(Fs14.8-19.2)
Yamato-790044	44.02	H5,H6	18.2(17.2-20.0)	16.2(15.6-16.4)	B	En57.1Fs9.4Wo33.5, merr.
Yamato-790045	22.98					
Yamato-790046	2.88					
Yamato-790047	46.10	H4	18.0(17.3-19.4)	16.2(15.0-18.1)	B/C	
Yamato-790048	14.55					
Yamato-790049	22.09					
Yamato-790050	14.54					
Yamato-790051	40.37					
Yamato-790052	50.90					
Yamato-790053	30.04					
Yamato-790054	18.35					
Yamato-790055	20.87					
Yamato-790056	24.29					
Yamato-790057	14.60					
Yamato-790058	14.16					
Yamato-790059	12.58					
Yamato-790060	17.49					
Yamato-790061	10.98					
Yamato-790062	14.03					
Yamato-790063	15.11					
Yamato-790064	11.52					
Yamato-790065	13.88	H4	18.5(17.5-20.2)	16.3(15.5-17.2)	C	with fine grained clast(Fa20.8, Fs18.1), merr., ap.
Yamato-790066	10.34					
Yamato-790067	9.84					
Yamato-790068	14.37					
Yamato-790069	11.11					
Yamato-790070	11.01					
Yamato-790071	9.79					
Yamato-790072	10.20					
Yamato-790073	8.61					
Yamato-790074	8.96					
Yamato-790075	9.24					
Yamato-790076	5.81					
Yamato-790077	6.64					
Yamato-790078	5.90					
Yamato-790079	5.30					
Yamato-790080	6.99					
Yamato-790081	4.22					
Yamato-790082	5.51					
Yamato-790083	5.54					
Yamato-790084	5.28					
Yamato-790085	6.55					
Yamato-790086	3.93					
Yamato-790087	4.17					
Yamato-790088	3.04					
Yamato-790089	3.39					
Yamato-790090	4.04					
Yamato-790091	2.45					
Yamato-790092	2.59					
Yamato-790093	2.19					
Yamato-790094	3.17					
Yamato-790095	2.10					
Yamato-790096	1.63					
Yamato-790097	2.46					
Yamato-790098	2.26					
Yamato-790099	2.68					
Yamato-790100	1.88					
Yamato-790101	1.57					
Yamato-790102	0.89					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790103	1.19					
Yamato-790104	0.94					
Yamato-790105	0.98					
Yamato-790106	0.52					
Yamato-790107	1.39					
Yamato-790108	0.85					
Yamato-790109	1.17					
Yamato-790110	1.11	H4	18.4(17.5-18.4)	16.0(15.2-16.6)	B	En69.0Fs13.8Wo17.2, En76.5Fs17.0Wo6.5
Yamato-790111	0.81					
Yamato-790112	23.97	CR2	2.4(0.5-29.9)	2.2(0.9-3.9)	B	
Yamato-790113	19.00	Euc(pol)	(79.2)	(24.8-41.5)	A	Pl(An81.2-93.3), En24.6-71.5Fs18.7-62.6Wo1.7-36.1
Yamato-790114	3.92	Euc(pol)		(26.4-32.5)	A	Pl(An81.2-87.3), En21.2-69.1Fs26.4-62.5Wo4.8-30.5
Yamato-790115	51.38	H4	18.6(17.4-22.0)	15.8(14.9-18.1)	B	
Yamato-790116	190.65	L6	25.5(24.4-26.3)	21.9(20.8-25.1)	B	Pl(An10.4)
Yamato-790117	151.37	L5	25.2(24.5-26.2)	21.0(20.6-21.3)	B	
Yamato-790118	12.25	Dio(A)		(22.7-26.5)		En71.6-75.4Fs22.7-26.5Wo1.9-3.5, chro.
Yamato-790119	11.07	L5	24.2(23.6-26.0)	20.3(19.5-21.3)	B	merr., maskl.
Yamato-790120	2.82	H7	19.2(18.2-21.3)	16.4(15.9-16.9)	B	En48.7Fs6.0Wo45.3, merr.
Yamato-790121	10.36	H4	18.5(17.8-19.3)	16.3(14.9-20.1)	B	En73.0Fs13.0Wo14.0
Yamato-790122	109.54	Euc(pol)		(25.9-57.0)		Pl(An77.8-92.5), En31.5-71.1Fs25.9-57.5Wo3.0-25.5
Yamato-790123	6.79	CM2	(0.7-86.6)	(0.4-9.8)	A	En61.1Fs0.8Wo38.1
Yamato-790124	10.27	L6,7	24.4(23.3-25.5)	20.5(19.1-22.6)	A/B	maskl.
Yamato-790125	6.02	H6	19.2(18.2-20.1)	16.7(15.8-17.4)	B	Pl(An12.0), En76.2Fs15.4Wo8.4, En48.7Fs5.9Wo45.4
Yamato-790126	7.38	L6	23.7(17.6-26.1)	19.6(18.6-21.5)	B/C	En50.3-71.2Fs11.5-20.5Wo8.3-38.2
Yamato-790127	6.24					
Yamato-790128	56.81	H5	17.9(17.5-19.0)	15.7(14.5-16.7)	B	
Yamato-790129	12.11					
Yamato-790130	107.30	H5	17.6(16.8-18.3)	15.1(14.7-16.7)	B	
Yamato-790131	2.13	L6	25.1(24.0-26.7)	21.3(20.0-23.1)	B	
Yamato-790132	4.54	Unique				Metal-sulfide nodule
Yamato-790133	60.01	H6	18.9(18.4-20.2)	16.8(15.7-19.2)	B	
Yamato-790134	51.20					
Yamato-790135	0.63					
Yamato-790136	16.76					
Yamato-790137	27.68					
Yamato-790138	39.32	H3	17.5(16.5-18.6)	12.5(8.4-18.0)	A/B	
Yamato-790139	29.77					
Yamato-790140	13.51					
Yamato-790141	25.78					
Yamato-790142	83.49	H6	19.0(18.1-19.8)	16.5(15.7-17.4)	B	Feld(An11.9Or11.1, An11.0Or4.7)
Yamato-790143	52.26	LL	19.4(27.6-31.8)		B/C	
Yamato-790144	92.32	LL7	27.8(25.7-31.6)	22.8(21.2-24.6)	B/C	shocked, En49.7-66.4Fs17.5-23.8Wo10.1-32.5
Yamato-790145	18.69					
Yamato-790146	3.74	Ter				Terrestrial
Yamato-790147	54.26					
Yamato-790148	3.57	H6	19.7(19.3-20.3)	17.7(16.9-18.2)	B	
Yamato-790149	16.23	H	19.0(17.6-19.7)	16.4(14.5-17.3)	B	regolith breccia
Yamato-790150	8.01	H				regolith breccia
Yamato-790151	8.20					
Yamato-790152	4.08					
Yamato-790153	7.99					
Yamato-790154	9.99					
Yamato-790155	35.37					
Yamato-790156	7.56					
Yamato-790157	8.40	H4	18.8(17.9-19.7)	16.6(16.1-17.8)	B/C	
Yamato-790158	4.16					
Yamato-790159	6.55					
Yamato-790160	3.03					
Yamato-790161	88.38	H4	18.2(17.1-18.9)	17.6(11.5-28.3)	C	En64.6Fs26.9Wo8.5, sp(50-60%Al2O3)
Yamato-790162	7.27					
Yamato-790163	15.42					
Yamato-790164	6.89					
Yamato-790165	8.96					
Yamato-790166	64.42	H5	18.6(17.9-19.2)	16.2(15.5-16.9)	B	maskl.
Yamato-790167	18.75	H3	18.7(18.1-19.4)	16.0(12.4-20.8)	C	
Yamato-790168	3.28					
Yamato-790169	41.00					
Yamato-790170	65.95					
Yamato-790171	43.96	H4	18.6(17.5-21.0)	15.7(15.0-16.8)	B	merr.
Yamato-790172	26.92					
Yamato-790173	2.56					
Yamato-790174	2.04					
Yamato-790175	286.9	H5	18.3(17.4-19.8)	15.9(15.4-16.6)	B	
Yamato-790176	43.75					
Yamato-790177	4.71					
Yamato-790178	234.7	L6	24.4(23.1-25.4)	20.3(19.6-21.1)	B	
Yamato-790179	5.37					
Yamato-790180	4.75					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790181	17.51	H6	18.0(17.5-18.8)	15.8(14.1-20.8)	C	ap.
Yamato-790182	9.39					
Yamato-790183	18.71					
Yamato-790184	6.26					
Yamato-790185	222.8	L6	24.7(23.3-26.3)	20.5(19.2-22.4)	B/C	
Yamato-790186	5.07					
Yamato-790187	16.64	H5	18.3(17.9-18.7)	15.9(15.4-16.9)	B	
Yamato-790188	3.22					
Yamato-790189	7.60	H5	18.1(16.9-18.7)	16.1(15.0-18.1)	B	En57.6Fs8.9Wo33.5
Yamato-790190	5.85					
Yamato-790191	18.50	L6	24.5(23.1-26.2)	20.7(19.8-23.2)	B	shocked, En46.3Fs8.3Wo45.4, maskl.
Yamato-790192	12.17					
Yamato-790193	71.35					
Yamato-790194	13.07	L6	24.5(23.6-25.2)	20.2(19.4-20.6)	A/B	Pl(An10.9, 11.5), merr.
Yamato-790195	70.57	H4	18.3(17.6-19.3)	15.8(15.3-16.4)	B	
Yamato-790196	17.34					
Yamato-790197	11.14					
Yamato-790198	3.94					
Yamato-790199	105.74	H	18.8(17.8-20.0)	16.5(15.3-17.6)	B	regolith breccia
Yamato-790200	20.15					
Yamato-790201	18.30					
Yamato-790202	1.83					
Yamato-790203	2.78					
Yamato-790204	18.07					
Yamato-790205	4.83					
Yamato-790206	0.80					
Yamato-790207	8.97					
Yamato-790208	2.30					
Yamato-790209	1.72					
Yamato-790210	1.32					
Yamato-790211	1.84					
Yamato-790212	3.72					
Yamato-790213	1.50					
Yamato-790214	4.04					
Yamato-790215	7.18	H5	18.6(16.8-20.1)	16.0(15.2-17.5)	B	
Yamato-790216	6.29					
Yamato-790217	2.07					
Yamato-790218	1.85					
Yamato-790219	2.64					
Yamato-790220	2.34					
Yamato-790221	2.05					
Yamato-790222	1.59					
Yamato-790223	2.38					
Yamato-790224	1.06					
Yamato-790225	1.58					
Yamato-790226	1.77					
Yamato-790227	1.40					
Yamato-790228	1.37					
Yamato-790229	0.76					
Yamato-790230	1.49					
Yamato-790231	1.48					
Yamato-790232	0.95					
Yamato-790233	0.81					
Yamato-790234	0.72					
Yamato-790235	0.53					
Yamato-790236	0.57					
Yamato-790237	14.03	L6	24.2(22.9-24.8)	20.2(19.2-23.6)	B	
Yamato-790238	13.76	H6	18.9(17.7-19.7)	16.8(16.1-18.5)	B	Pl(An12.8), merr.
Yamato-790239	7.69					
Yamato-790240	10.82					
Yamato-790241	5.03					
Yamato-790242	4.16					
Yamato-790243	2.76					
Yamato-790244	3.66	L6	24.0(22.9-25.9)	19.8(18.4-20.8)	B	ap.
Yamato-790245	2.51					
Yamato-790246	18.40					
Yamato-790247	475.9	L5	23.1(21.9-25.4)	19.7(17.7-21.2)	B/C	
Yamato-790248	1.93					
Yamato-790249	1.95					
Yamato-790250	354.2	LL	29.8(27.7-41.8)	23.1(20.9-25.5)	A/B	En50.2-71.2Fs14.6-24.3Wo5.2-35.2
Yamato-790251	274.6	H4	17.3(16.2-19.6)	15.3(14.5-16.7)	B/C	
Yamato-790252	19.43					
Yamato-790253	232.0	L6	23.5(22.7-24.2)	19.4(18.3-22.0)	B	
Yamato-790254	92.26	H5	20.1(19.1-21.6)	17.7(16.5-19.6)	B	En48.6Fs6.4Wo45.0
Yamato-790255	51.27					
Yamato-790256	382.1	LL6	30.1(29.0-31.0)	24.1(23.5-24.8)	B	Pl(An10)
Yamato-790257	126.04	L6	24.0(22.9-25.6)	20.0(19.3-20.8)	B	
Yamato-790258	21.56					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790259	18.93					
Yamato-790260	433.9	Euc(pol)		(30.6-60.8)	A	Pl(An78.6-93.5Or0.1-1.7), En31.5-66.4Fs29.0-60.8Wo1.7-39.4 Ca7Mg64Fe29(core), Ca9Mg45Fe46(rim)
Yamato-790261	56.88	L6	24.6(23.4-25.4)	20.5(19.4-22.4)	B	Pl(An9.8Or4.1), En46.4Fs10.5Wo44.1
Yamato-790262	9.10					
Yamato-790263	16.37					
Yamato-790264	3.09					
Yamato-790265	17.16	LL6	30.1(29.2-31.8)	24.5(23.2-26.6)	B	Pl(An11.6-12.0)
Yamato-790266	208.0	Euc(mon)		(53.7-61.2)	A	Pl(An73.3-84.0Or0.9-2.4), En32.4-46.9Fs44.6-61.2Wo2.5-25.1 Ca6Mg36Fe58(pig), Ca28Mg32Fe40(aug)
Yamato-790267	13.19	H6	19.2(18.6-19.7)	16.4(15.8-17.1)	B	Pl(An12.0), ap.
Yamato-790268	7.09					
Yamato-790269	1269.2	H4	18.0(16.7-19.2)	15.7(14.6-16.7)	C	
Yamato-790270	165.08	H4	18.3(17.7-19.2)	16.1(15.1-16.9)	B	
Yamato-790271	100.60	H4	18.3(17.8-18.9)	16.0(15.1-17.3)		
Yamato-790272	190.80	H4	18.5(17.5-19.4)	16.3(15.0-17.9)		En79.0Fs14.4Wo6.7
Yamato-790273	81.64					
Yamato-790274	64.70					
Yamato-790275	46.23					
Yamato-790276	46.17					
Yamato-790277	43.01					
Yamato-790278	39.23					
Yamato-790279	26.62					
Yamato-790280	16.59					
Yamato-790281	21.53					
Yamato-790282	18.97					
Yamato-790283	18.28					
Yamato-790284	11.83					
Yamato-790285	12.86					
Yamato-790286	7.32					
Yamato-790287	5.00					
Yamato-790288	5.82					
Yamato-790289	4.59					
Yamato-790290	4.15					
Yamato-790291	3.09					
Yamato-790292	4.90					
Yamato-790293	2.99					
Yamato-790294	5.10					
Yamato-790295	3.31					
Yamato-790296	3.61					
Yamato-790297	2.96					
Yamato-790298	2.25					
Yamato-790299	3.95	H4	17.8(17.4-18.4)	15.6(14.7-19.6)	B	
Yamato-790300	2.13					
Yamato-790301	2.93					
Yamato-790302	1.43					
Yamato-790303	2.19					
Yamato-790304	1.59					
Yamato-790305	2.28					
Yamato-790306	2.52					
Yamato-790307	2.10					
Yamato-790308	2.19					
Yamato-790309	1.13					
Yamato-790310	1.57					
Yamato-790311	0.64	Ter				
Yamato-790312	1.43					
Yamato-790313	1.46					
Yamato-790314	0.95					
Yamato-790315	1.24					
Yamato-790316	1.23					
Yamato-790317	1.04					
Yamato-790318	1.33					
Yamato-790319	0.94					
Yamato-790320	0.74					
Yamato-790321	0.94					
Yamato-790322	1.17					
Yamato-790323	0.69					
Yamato-790324	0.57					
Yamato-790325	0.79					
Yamato-790326	0.50					
Yamato-790327	0.55					
Yamato-790328	0.31					
Yamato-790329	0.41					
Yamato-790330	2.82					
Yamato-790331	36.25	L6	24.9(24.3-25.6)	20.5(19.9-21.3)	B	Pl(An10.7-11.5), merr., maskl.
Yamato-790332	28.66	LL6	28.2(26.7-30.8)	23.4(21.9-24.3)	B	En69.5Fs20.4Wo10.1

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790333	17.73	H3	16.8(13.1-18.0)	12.8(6.4-28.8)	C	
Yamato-790334	15.22	H3	17.1(16.1-17.9)	13.1(7.1-26.9)	C	En50.7Fs7.7Wo40.6, En79.2Fs15.5Wo5.4
Yamato-790335	9.98	L6	24.3(23.7-25.9)	20.4(19.7-21.3)	B	merr., maskl.
Yamato-790336	9.71					
Yamato-790337	115.82	H4	18.2(17.3-20.3)	16.8(15.2-20.2)		
Yamato-790338	42.15	H4	18.4(17.3-21.5)	15.8(14.9-17.2)	C	En64.4Fs10.9Wo24.7, En50.5Fs5.7Wo43.8
Yamato-790339	11.37	H4	18.3(17.5-19.4)	16.0(15.3-18.1)	B	Pl(An10.5)
Yamato-790340	6.16					
Yamato-790341	2.06					
Yamato-790342	0.94					
Yamato-790343	1.82					
Yamato-790344	5.26	H3,4	18.6(17.5-19.8)	17.8(15.0-27.2)	B	
Yamato-790345	233.6	LL	27.8(26.4-29.2)		B/C	shocked
Yamato-790346	4.81	H6	19.7(18.5-20.8)	17.0(16.0-18.1)		shocked, Pl(An11.8-12.0) merr., ap.
Yamato-790347	6.88					
Yamato-790348	4.88					
Yamato-790349	3.42					
Yamato-790350	4.03					
Yamato-790351	2.80					
Yamato-790352	1.39					
Yamato-790353	1.70					
Yamato-790354	1.13					
Yamato-790355	1.27					
Yamato-790356	0.77					
Yamato-790357	0.62					
Yamato-790358	0.69					
Yamato-790359	0.75					
Yamato-790360	104.34	H6	18.9(17.4-19.8)	16.7(15.7-18.9)		merr.
Yamato-790361	17.23					
Yamato-790362	18.54					
Yamato-790363	13.40					
Yamato-790364	26.12					
Yamato-790365	15.25					
Yamato-790366	7.95					
Yamato-790367	6.61					
Yamato-790368	4.52					
Yamato-790369	6.21					
Yamato-790370	7.57					
Yamato-790371	3.85					
Yamato-790372	3.16					
Yamato-790373	3.44					
Yamato-790374	2.77					
Yamato-790375	1.96					
Yamato-790376	2.24					
Yamato-790377	1.84					
Yamato-790378	1.41					
Yamato-790379	2.95					
Yamato-790380	4.43	H3	17.2(16.4-21.2)	13.5(5.6-32.0)	B	
Yamato-790381	2.30					
Yamato-790382	113.61	H4	18.6(17.6-20.5)	16.2(15.7-16.7)		
Yamato-790383	14.00	L5	24.8(23.5-26.2)	20.7(19.5-22.0)	B	merr.
Yamato-790384	13.90					
Yamato-790385	4.21	L6	24.2(23.3-25.1)	20.5(19.6-22.3)	C	Pl(An8.6, 14.1)
Yamato-790386	148.86	H6	19.1(18.1-21.2)	16.5(15.7-17.6)		Pl(An12.0Or6.9)
Yamato-790387	21.13	H4	18.2(17.4-18.9)	15.9(15.2-16.6)	B	merr.
Yamato-790388	23.05	H5	18.3(17.5-18.9)	15.7(14.9-18.4)	B	Pl(An11.6, 12.1)
Yamato-790389	13.49					
Yamato-790390	5.09					
Yamato-790391	16.39					
Yamato-790392	21.99					
Yamato-790393	54.80	H5	18.9(17.7-22.8)	16.6(14.6-19.5)		
Yamato-790394	10.67					
Yamato-790395	2.35					
Yamato-790396	5.06	H	19.1(17.3-19.7)	16.2(10.8-17.0)	B	regolith breccia
Yamato-790397	161.99	LL	29.5(26.6-33.0)	23.6(20.9-26.4)		shock-melted
Yamato-790398	6.71					
Yamato-790399	141.42	L6	24.8(23.9-26.4)	20.6(19.8-21.0)		shocked, Pl(An11.3), chro., maskl.
Yamato-790400	72.32					
Yamato-790401	389.5	H4	18.5(17.7-19.7)	15.8(15.1-16.9)		
Yamato-790402	89.38					
Yamato-790403	24.66					
Yamato-790404	13.64					
Yamato-790405	2.70					
Yamato-790406	165.71	LL6	30.1(29.1-30.8)	24.5(23.0-25.9)	A	Pl(An11.0, 11.1)
Yamato-790407	13.98	H4	18.5(17.3-19.8)	15.9(14.4-17.1)	A/B	
Yamato-790408	7.99					
Yamato-790409	10.60					
Yamato-790410	6.19					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790411	4.25					
Yamato-790412	4.24					
Yamato-790413	3.97					
Yamato-790414	67.02					
Yamato-790415	63.44	LL	30.0(28.0-33.7)	23.8(21.2-25.4)	B	shock-melted, En49.0-70.2Fs15.1-25.8Wo5.3-35.9
Yamato-790416	142.46	H5,6	19.3(18.5-21.2)	16.5(16.2-17.1)	B	
Yamato-790417	207.0	H5	19.0(17.7-20.3)	16.8(16.2-17.7)	A/B	En48.8Fs6.3Wo44.9, En48.1Fs5.5Wo46.4
Yamato-790418	44.94					
Yamato-790419	8.45					
Yamato-790420	20.07	H6	18.6(18.1-19.1)	16.2(15.2-16.9)	B	Pl(An11.8-12.5)
Yamato-790421	13.02					
Yamato-790422	8.84					
Yamato-790423	2.37					
Yamato-790424	13.00	H6				
Yamato-790425	11.48	H6	19.7(18.9-20.7)	17.1(16.1-17.9)	B	shocked, Pl(An11.7, 12.3)
Yamato-790426	12.84					
Yamato-790427	4.72					
Yamato-790428	9.97					
Yamato-790429	4.41					
Yamato-790430	4.88					
Yamato-790431	2.34					
Yamato-790432	30.15	H4	18.0(17.0-19.0)	15.6(14.9-16.2)	B	
Yamato-790433	13.42					
Yamato-790434	8.62					
Yamato-790435	11.37					
Yamato-790436	7.83	H4	18.0(17.4-19.2)	15.9(15.2-20.1)	B	
Yamato-790437	13.82					
Yamato-790438	6.84					
Yamato-790439	3.12					
Yamato-790440	6.24	H4	18.1(16.9-18.6)	16.3(15.1-20.6)	B	ap.
Yamato-790441	3.54					
Yamato-790442	0.50					
Yamato-790443	19.49	H3	17.1(15.2-17.9)	11.6(4.3-19.1)	B	En69.0Fs19.4Wo11.7
Yamato-790444	10.92	L4,L6	24.0(23.3-24.9)	20.3(19.3-20.9)	A/B	Pl(An8.9-11.0), En47.1Fs7.8Wo45.1, merr.
Yamato-790445	1574	H5	19.1(18.0-20.8)	16.8(15.6-17.7)	B	Pl(An9.9Ab83Or7.1)
Yamato-790446	713.0	L6,7	24.8(24.1-25.7)	21.5(20.1-23.1)	A/B	Pl(An11.0, Or6.3)
Yamato-790447	3.03	Euc(pol)		(16.8-60.0)		Pl(An76.8-94.6Or0.1-1.8), En32.3-82.2Fs16.8-60.0Wo1.0-35.8, SiO2
Yamato-790448	3480	LL3	9.5(0.2-24.9)	5.8(1.1-16.1)	C	
Yamato-790449	8.96					
Yamato-790450	3.12					
Yamato-790451	23.31					
Yamato-790452	82.15	L6	24.6(23.7-27.2)	20.8(20.3-22.2)	A/B	Pl(An9.4-10.6), En41.7-53.5Fs7.0-8.5Wo38.0-46.0
Yamato-790453	106.06	L5	24.3(23.5-25.8)	20.3(19.6-21.1)	B	Pl(An11.1)
Yamato-790454	10.10	H5	18.2(17.5-19.4)	16.0(14.9-17.5)	B	
Yamato-790455	22.68	L5	24.5(23.4-25.7)	20.4(20.2-20.8)	B	Pl(An4.8-10.7), En47.2Fs6.5Wo46.3
Yamato-790456	72.65	LL6	29.5(27.2-32.2)	23.8(22.6-25.5)	B	breccia with crust, Pl(An8.5), En52.6Fs13.1Wo34.2 En46.2Fs9.0Wo44.7, merr.
Yamato-790457	10.86					
Yamato-790458	8.99					
Yamato-790459	19.92	L6	24.1(22.8-24.8)	20.4(19.8-21.2)	B	Pl(An10.2-11.5), En47.8Fs7.4Wo44.9
Yamato-790460	586.0	H3				
Yamato-790461	778.9	H3,4	17.0(7.2-21.1)	11.9(1.9-18.7)	B	
Yamato-790462	1371	L6	24.7(23.8-25.6)	20.7(20.0-21.7)	B	Pl(An9.8-10.7), En47.3-53.2Fs7.7-14.7Wo32.1-45.0
Yamato-790463	130.98	H5	20.4(19.0-24.2)	17.2(16.4-19.8)	B	Pl(An11.7, 12.9), En48.2Fs6.5Wo45.3
Yamato-790464	55.49	H5,6	18.7(18.2-19.6)	16.6(15.8-19.9)	B	Pl(An11.4, 12.0)
Yamato-790465	25.87					
Yamato-790466	18.56					
Yamato-790467	61.20					
Yamato-790468	14.71					
Yamato-790469	23.31					
Yamato-790470	17.07					
Yamato-790471	11.55					
Yamato-790472	8.25					
Yamato-790473	7.96					
Yamato-790474	11.86					
Yamato-790475	12.01					
Yamato-790476	11.11					
Yamato-790477	10.57					
Yamato-790478	9.05					
Yamato-790479	7.20					
Yamato-790480	3.08					
Yamato-790481	5.81					
Yamato-790482	2.00					
Yamato-790483	28.16					
Yamato-790484	17.20					
Yamato-790485	1.66					
Yamato-790486	0.67					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790487	14.73					
Yamato-790488	10.23					
Yamato-790489	222.8	L	24.7(19.8-28.2)	21.0(18.6-23.7)	B	shock-melted, En52.1-68.1Fs15.2-21.5Wo10.4-28.7
Yamato-790490	1.18	E				En99, mainly metallic iron
Yamato-790491	15.81	H3	17.6(16.8-18.1)	15.3(14.3-17.5)	B	
Yamato-790492	2.76					
Yamato-790493	9.07	H4	17.7(16.7-18.8)	15.6(11.5-18.6)	B	
Yamato-790494	4.86					
Yamato-790495	3.54					
Yamato-790496	6.81					
Yamato-790497	2.85					
Yamato-790498	2.96					
Yamato-790499	469.2	L6	24.0(23.3-25.0)	20.2(18.7-21.2)	B	Pl(An9.6), En47.5Fs6.8Wo45.7, En48.3Fs8.0Wo43.8, ap., maskl.
Yamato-790500	38.45	L6	24.3(23.3-25.2)	20.2(19.4-21.0)	B	
Yamato-790501	37.16	H4	18.8(17.9-19.9)	16.0(14.8-16.8)	B	merr.
Yamato-790502	110.28	H4	18.2(17.1-19.2)	15.8(14.7-16.7)	C	En64.4Fs15.1Wo20.3
Yamato-790503	40.10	H4	18.6(18.1-19.9)	15.5(13.1-17.7)	C	En74.5Fs14.2Wo11.3, En76.2Fs15.1Wo8.6, merr.
Yamato-790504	7.99	L4	24.2(23.2-25.2)	19.6(15.1-21.7)	C	merr.
Yamato-790505	9.98					
Yamato-790506	6.67					
Yamato-790507	5.29					
Yamato-790508	12.83	H5	18.5(17.3-21.7)	16.1(15.5-17.0)	C	merr., ap.
Yamato-790509	45.93	H4,5	18.3(17.7-19.1)	16.4(15.4-20.7)	B/C	
Yamato-790510	5.28					
Yamato-790511	6.62					
Yamato-790512	4.97					
Yamato-790513	14.98					
Yamato-790514	68.86	H5	18.9(18.5-19.8)	16.3(14.9-17.1)	B/C	Pl(An12.0)
Yamato-790515	8.99					
Yamato-790516	5.49					
Yamato-790517	189.58	IIIA				completely reheated preterrestrially (R. Clarke)
Yamato-790518	91.59	H4	18.3(17.4-18.9)	16.1(15.3-18.0)	B/C	
Yamato-790519	1388.4	LL			B	shock-melted
Yamato-790520	565.3	LL6	26.3(24.7-29.3)	21.9(21.3-23.4)	B	En46.2Fs9.3Wo44.5, En54.2Fs16.2Wo29.6
Yamato-790521	221.8	LL	23.0(18.2-29.2)	23.3(23.3)		regolith breccia, partly shock-melted, En72.6Fs20.8Wo6.9, H, L, LL mixture
Yamato-790522	468.5	LL4	26.0(15.9-30.6)	21.7(18.3-23.2)		shocked, En55.0Fs16.4Wo28.6, En72.9Fs22.0Wo5.2, merr.
Yamato-790523	406.9	LL4	26.5(25.3-28.0)	18.2(6.5-23.8)	B	shocked, En55.0Fs16.4Wo28.6, En72.0Fs21.5Wo6.5
Yamato-790524	335.2	LL5	26.6(12.4-28.2)	22.9(21.6-24.2)		En64.7Fs20.8Wo14.5, En55.4Fs16.5Wo28.1, maskl.
Yamato-790525	310.5	LL4	26.9(25.4-29.1)	22.7(16.8-26.1)		En72.2Fs21.5Wo6.4, En56.7Fs15.3Wo28.0
Yamato-790526	423.9	LL4	27.1(25.7-29.4)	21.5(13.8-24.8)		En72.5Fs20.9Wo6.5, En53.1Fs15.1Wo31.8
Yamato-790527	299.9	LL5	28.3(27.3-29.1)	23.3(22.4-24.6)		breccia, shocked, En45.8Fs9.1Wo45.1
Yamato-790528	777.7	LL6	(21.7-28.5)	24.3	B	shocked, Pl(An15.0)
Yamato-790529	952.9	LL5	23.4(22.0-26.7)	19.5(17.0-21.5)	B	shocked, Pl(An30.7-52.4), En33.9-54.7Fs19.8-12.6Wo32.6-6.3
Yamato-790530	220.4	LL5	27.4(24.4-30.1)	22.8(21.7-24.7)		breccia, shocked, En70.5Fs21.6Wo7.9
Yamato-790531	198.08					
Yamato-790532	220.3	LL5	28.4(25.5-31.2)	24.5(22.3-26.1)		En68.7Fs22.7Wo8.5
Yamato-790533	164.14					
Yamato-790534	149.05					
Yamato-790535	219.7					
Yamato-790536	135.06	LL	26.9(25.4-29.4)	21.7(18.1-26.7)	A	shocked
Yamato-790537	124.97					
Yamato-790538	102.58					
Yamato-790539	97.36					
Yamato-790540	81.86					
Yamato-790541	81.89					
Yamato-790542	57.67					
Yamato-790543	62.60					
Yamato-790544	95.89					
Yamato-790545	78.64					
Yamato-790546	57.21					
Yamato-790547	55.55					
Yamato-790548	46.84					
Yamato-790549	36.55					
Yamato-790550	15.89					
Yamato-790551	35.30					
Yamato-790552	36.89					
Yamato-790553	32.95					
Yamato-790554	35.05					
Yamato-790555	29.94					
Yamato-790556	45.77					
Yamato-790557	11.71					
Yamato-790558	27.72					
Yamato-790559	33.50					
Yamato-790560	37.71	H4	18.7(17.7-20.7)	16.8(14.8-19.2)	B	merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790561	15.99					
Yamato-790562	24.10					
Yamato-790563	36.88					
Yamato-790564	29.22					
Yamato-790565	21.44					
Yamato-790566	20.66					
Yamato-790567	27.30					
Yamato-790568	20.11					
Yamato-790569	16.38					
Yamato-790570	12.24					
Yamato-790571	19.96					
Yamato-790572	29.08					
Yamato-790573	26.99					
Yamato-790574	22.04	LL5	27.2(25.1-28.6)	22.2(19.3-23.5)	B	shocked, En59.2Fs18.2Wo22.6, En50.7Fs14.2Wo35.1
Yamato-790575	15.37					
Yamato-790576	15.74					
Yamato-790577	15.25					
Yamato-790578	30.37					
Yamato-790579	11.57					
Yamato-790580	13.31					
Yamato-790581	15.17					
Yamato-790582	6.93					
Yamato-790583	14.54					
Yamato-790584	14.29					
Yamato-790585	10.30					
Yamato-790586	7.06					
Yamato-790587	12.15					
Yamato-790588	1.81					
Yamato-790589	8.51					
Yamato-790590	12.63					
Yamato-790591	12.58					
Yamato-790592	13.14					
Yamato-790593	10.74					
Yamato-790594	7.39					
Yamato-790595	7.59					
Yamato-790596	13.67					
Yamato-790597	7.06					
Yamato-790598	7.61					
Yamato-790599	8.22					
Yamato-790600	9.67					
Yamato-790601	6.48					
Yamato-790602	8.17					
Yamato-790603	10.32					
Yamato-790604	12.88					
Yamato-790605	12.32					
Yamato-790606	9.90					
Yamato-790607	11.87					
Yamato-790608	11.96					
Yamato-790609	7.66					
Yamato-790610	8.41					
Yamato-790611	7.72					
Yamato-790612	8.30					
Yamato-790613	5.83					
Yamato-790614	7.95					
Yamato-790615	5.26					
Yamato-790616	5.60					
Yamato-790617	10.56					
Yamato-790618	7.85					
Yamato-790619	10.33					
Yamato-790620	7.54					
Yamato-790621	7.48					
Yamato-790622	9.93					
Yamato-790623	5.52					
Yamato-790624	8.97					
Yamato-790625	6.12					
Yamato-790626	7.80					
Yamato-790627	7.18					
Yamato-790628	7.54					
Yamato-790629	5.94					
Yamato-790630	7.68					
Yamato-790631	5.53					
Yamato-790632	4.69					
Yamato-790633	5.13					
Yamato-790634	6.06					
Yamato-790635	6.14					
Yamato-790636	19.98					
Yamato-790637	4.23					
Yamato-790638	9.32					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790639	5.66					
Yamato-790640	5.66					
Yamato-790641	5.66					
Yamato-790642	7.19					
Yamato-790643	6.36					
Yamato-790644	6.57					
Yamato-790645	6.93					
Yamato-790646	6.11					
Yamato-790647	4.34					
Yamato-790648	6.60					
Yamato-790649	4.78					
Yamato-790650	4.33					
Yamato-790651	4.97					
Yamato-790652	4.28					
Yamato-790653	6.16					
Yamato-790654	6.05					
Yamato-790655	6.97					
Yamato-790656	5.09					
Yamato-790657	6.94					
Yamato-790658	5.56					
Yamato-790659	4.98					
Yamato-790660	5.02					
Yamato-790661	6.62					
Yamato-790662	4.27					
Yamato-790663	1.91					
Yamato-790664	3.88					
Yamato-790665	2.97					
Yamato-790666	2.38					
Yamato-790667	3.69					
Yamato-790668	2.24					
Yamato-790669	2.36					
Yamato-790670	1.99					
Yamato-790671	2.32					
Yamato-790672	1.65					
Yamato-790673	2.03					
Yamato-790674	2.21					
Yamato-790675	2.01					
Yamato-790676	2.58					
Yamato-790677	2.92					
Yamato-790678	2.12					
Yamato-790679	1.87					
Yamato-790680	2.20					
Yamato-790681	2.92					
Yamato-790682	3.54					
Yamato-790683	2.61					
Yamato-790684	2.47					
Yamato-790685	3.34					
Yamato-790686	3.74					
Yamato-790687	3.54					
Yamato-790688	3.19					
Yamato-790689	2.35					
Yamato-790690	5.27					
Yamato-790691	2.04					
Yamato-790692	4.10					
Yamato-790693	3.22					
Yamato-790694	2.93					
Yamato-790695	3.49					
Yamato-790696	4.57					
Yamato-790697	3.57					
Yamato-790698	3.17					
Yamato-790699	3.94					
Yamato-790700	2.47					
Yamato-790701	1.84					
Yamato-790702	1.63					
Yamato-790703	1.30					
Yamato-790704	1.22					
Yamato-790705	1.34					
Yamato-790706	3.93					
Yamato-790707	3.76					
Yamato-790708	2.85					
Yamato-790709	2.79					
Yamato-790710	2.64					
Yamato-790711	3.05					
Yamato-790712	2.45					
Yamato-790713	2.22					
Yamato-790714	2.78					
Yamato-790715	3.00					
Yamato-790716	2.37					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790717	1.79					
Yamato-790718	2.00					
Yamato-790719	1.26					
Yamato-790720	1.79					
Yamato-790721	1.86					
Yamato-790722	50.01					
Yamato-790723	5483.2	L5	26.4(24.7-27.6)	19.5(8.0-22.9)	A	En73.3Fs20.1Wo6.4
Yamato-790724	2166.0	Iron				
Yamato-790725	4.10	H5	18.6(18.0-19.4)	16.0(14.5-16.6)	B	
Yamato-790726	51.44	Ter				Terrestrial
Yamato-790727	120.42	How	(11.5-70.6)	(17.8-70.8)		Pl(An86.2-96.4), En21.2-81.6Fs17.8-70.8Wo1.2-42.9
Yamato-790728	368.0	LL	28.2(27.1-30.2)		C	shock-melted, En57.3-75.4Fs19.2-24.7Wo2.1-23.6
Yamato-790729	236.8	L6	25.1(23.7-28.2)	21.2(19.2-22.7)	B	En47.4Fs8.4Wo44.2, ring.
Yamato-790730	58.32					
Yamato-790731	88.11	L6	23.9(22.5-25.0)	21.0(18.9-23.2)	B	Pl(An10.6-17.0)
Yamato-790732	35.01	H5	18.1(17.6-18.7)	15.5(14.4-16.6)	C	En65.8Fs10.5Wo23.8
Yamato-790733	6.09					
Yamato-790734	492.8	L6	24.6(23.8-25.5)	20.2(19.6-20.9)	B	Pl(An11.4), En47.0Fs6.9Wo46.1
Yamato-790735	57.60					
Yamato-790736	50.13					
Yamato-790737	40.40					
Yamato-790738	153.04	L6	24.6(23.3-25.4)	20.4(19.4-21.4)		breccia, Pl(An11.3Or4.9), En58.3Fs12.9Wo28.8
Yamato-790739	1831.3					
Yamato-790740	206.0	L5	24.7(23.9-25.5)	20.6(20.0-21.1)	B	Pl(An9.9-10.3), En47.2Fs7.8Wo45.0
Yamato-790741	67.98					
Yamato-790742	22.44					
Yamato-790743	17.96	H6	19.3(18.9-19.7)	16.7(15.9-17.7)	B	Pl(An11.5), En47.7Fs7.5Wo44.8
Yamato-790744	18.70	L5	25.3(23.7-28.4)	21.6(20.2-26.4)	B	merr.
Yamato-790745	8.43	H4	18.3(17.4-20.9)	16.2(15.6-16.6)	B/C	merr.
Yamato-790746	465.9	H	19.1(16.1-20.2)	16.5(14.6-18.1)	A	regolith breccia
Yamato-790747	10.31	H3	19.1(9.3-22.4)	13.1(3.2-28.3)	A/B	En76.7Fs17.4Wo5.9
Yamato-790748	498.8	H6	18.7(17.7-19.5)	16.6(15.1-17.8)	B	shocked, Pl(An11.7), ap.
Yamato-790749	1714.8	H4	18.3(17.0-19.1)	16.1(15.7-16.9)	B/C	
Yamato-790750	11.19					
Yamato-790751	4.45	L5,6	24.4(23.2-26.2)	20.4(19.8-20.9)	B	merr.
Yamato-790752	136.51	LL6	27.6(25.3-28.8)	23.5(23.0-23.8)	A	shocked, Pl(An12.1), En49.1Fs14.9Wo36.0, maskl.
Yamato-790753	6.68					
Yamato-790754	8.59	H4	18.8(18.2-19.3)	15.9(14.7-16.7)	B/C	En50.2Fs6.8Wo43.0
Yamato-790755	7.37	H5	18.5(17.1-19.2)	16.5(15.5-17.6)	B/C	Pl(An12.1-12.7)
Yamato-790756	699.1	H4	18.6(17.5-21.1)	16.4(15.4-17.6)	B	
Yamato-790757	507.6	LL	25.1(22.4-26.9)	20.5(15.2-23.8)	A/B	shocked, En73.3Fs20.5Wo6.1, En54.3Fs15.2Wo30.5
Yamato-790758	40.86					
Yamato-790759	2.64					
Yamato-790760	301.2	H4	17.6(16.1-18.9)	15.7(14.2-17.3)	B	En48.1Fs4.9Wo47.0
Yamato-790761	95.69	H4	17.7(16.9-18.4)	15.5(14.2-17.4)	B	Pl(An15.1)
Yamato-790762	1.82					
Yamato-790763	10.72					
Yamato-790764	8.82	H5	18.8(11.7-23.3)	17.1(15.8-19.4)	B	Pl(An12.0), merr.
Yamato-790765	21.60	L6	24.6(23.3-26.4)	20.6(19.9-21.3)	B	En47.5Fs7.9Wo44.5, maskl.
Yamato-790766	9.47					
Yamato-790767	135.45	L5	24.9(23.4-25.6)	20.6(19.8-21.3)	B	En46.2Fs7.2Wo46.4
Yamato-790768	3.76					
Yamato-790769	12.07	H6	18.4(17.0-19.4)	16.2(14.7-17.1)	B	
Yamato-790770	21.20	L3	24.8(23.4-25.9)	16.1(6.5-24.8)	B	ap.
Yamato-790771	11.81					
Yamato-790772	13.93					
Yamato-790773	10.52					
Yamato-790774	57.10	L6	24.1(23.4-25.8)	20.0(19.5-21.0)	B	Pl(An10.5Or6.7)
Yamato-790775	11.25					
Yamato-790776	6.22					
Yamato-790777	6.35					
Yamato-790778	2.91					
Yamato-790779	30.62	H4	17.9(17.0-18.8)	16.2(13.6-24.9)	B	merr., ap.
Yamato-790780	7.78					
Yamato-790781	122.39	H4	18.2(17.3-19.3)	16.0(15.2-16.9)	A	
Yamato-790782	938.8	LL6	29.2(27.3-30.6)	24.1(23.5-25.0)	B	shocked
Yamato-790783	468.9	LL6				
Yamato-790784	188.01	LL6	28.3(26.5-30.0)	20.3(5.9-24.4)		shocked, Pl(An1.0Or0.5), En53.3Fs13.9Wo32.8
Yamato-790785	177.83	LL6	27.5(26.1-28.4)	22.7(21.9-23.8)		Pl(An23.0Or0.8)
Yamato-790786	77.27					
Yamato-790787	46.08	L3	22.0(11.8-28.6)	22.0(11.4-28.4)	A	
Yamato-790788	41.37					
Yamato-790789	44.01					
Yamato-790790	42.75					
Yamato-790791	25.84					
Yamato-790792	35.60					
Yamato-790793	27.09					
Yamato-790794	29.10					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790795	21.84					
Yamato-790796	20.71					
Yamato-790797	25.61	H4	18.2(17.0-19.1)	16.5(15.3-19.7)	B	En73.7Fs12.6Wo13.7, merr.
Yamato-790798	16.22					
Yamato-790799	21.50					
Yamato-790800	18.88					
Yamato-790801	12.31					
Yamato-790802	11.97					
Yamato-790803	15.67					
Yamato-790804	8.71					
Yamato-790805	10.94					
Yamato-790806	18.27					
Yamato-790807	12.07					
Yamato-790808	11.75					
Yamato-790809	13.06					
Yamato-790810	13.91					
Yamato-790811	11.40					
Yamato-790812	9.68					
Yamato-790813	9.17					
Yamato-790814	8.16					
Yamato-790815	10.34					
Yamato-790816	8.77					
Yamato-790817	9.49					
Yamato-790818	9.22					
Yamato-790819	8.80					
Yamato-790820	8.44					
Yamato-790821	6.35					
Yamato-790822	9.61					
Yamato-790823	6.70					
Yamato-790824	10.47	H4	18.3(17.6-19.1)	16.0(15.3-17.0)	B	
Yamato-790825	9.32					
Yamato-790826	8.81					
Yamato-790827	10.11					
Yamato-790828	8.84					
Yamato-790829	10.19					
Yamato-790830	7.47					
Yamato-790831	6.99					
Yamato-790832	7.60					
Yamato-790833	6.27	H4,5	17.9(17.2-18.6)	15.7(15.1-16.5)	B	merr., ap.
Yamato-790834	8.04					
Yamato-790835	8.13					
Yamato-790836	8.03					
Yamato-790837	5.35					
Yamato-790838	7.52					
Yamato-790839	6.18					
Yamato-790840	7.15					
Yamato-790841	5.67					
Yamato-790842	7.32	H4	18.3(17.2-19.1)	16.0(15.2-18.2)	B	merr.
Yamato-790843	6.42					
Yamato-790844	2.40					
Yamato-790845	4.22					
Yamato-790846	6.27	H6	17.3(16.3-18.3)	15.6(14.4-17.5)	B	maskl.
Yamato-790847	4.71					
Yamato-790848	5.04					
Yamato-790849	6.99					
Yamato-790850	5.61					
Yamato-790851	4.66					
Yamato-790852	5.17					
Yamato-790853	4.62					
Yamato-790854	4.22					
Yamato-790855	4.23					
Yamato-790856	3.27					
Yamato-790857	4.83					
Yamato-790858	4.65					
Yamato-790859	6.70					
Yamato-790860	4.10					
Yamato-790861	4.56					
Yamato-790862	3.78					
Yamato-790863	4.89					
Yamato-790864	3.44					
Yamato-790865	4.57					
Yamato-790866	3.55					
Yamato-790867	4.79					
Yamato-790868	3.07					
Yamato-790869	3.63					
Yamato-790870	3.44					
Yamato-790871	4.13					
Yamato-790872	3.80	H4	18.2(17.5-18.9)	16.2(15.3-17.3)	B	

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790873	3.04					
Yamato-790874	3.68					
Yamato-790875	3.56					
Yamato-790876	2.22					
Yamato-790877	3.05					
Yamato-790878	2.94					
Yamato-790879	2.27					
Yamato-790880	2.47					
Yamato-790881	3.93					
Yamato-790882	3.99					
Yamato-790883	3.02					
Yamato-790884	4.70					
Yamato-790885	4.27					
Yamato-790886	2.46					
Yamato-790887	3.23					
Yamato-790888	2.92					
Yamato-790889	2.17					
Yamato-790890	4.00					
Yamato-790891	3.09					
Yamato-790892	4.91					
Yamato-790893	1.65					
Yamato-790894	2.06					
Yamato-790895	2.10					
Yamato-790896	2.93					
Yamato-790897	1.37					
Yamato-790898	2.22					
Yamato-790899	2.51					
Yamato-790900	2.21					
Yamato-790901	3.43					
Yamato-790902	2.14					
Yamato-790903	1.89					
Yamato-790904	1.79					
Yamato-790905	2.49					
Yamato-790906	1.40					
Yamato-790907	1.92					
Yamato-790908	2.18					
Yamato-790909	1.98					
Yamato-790910	2.16					
Yamato-790911	1.69					
Yamato-790912	1.09					
Yamato-790913	1.89					
Yamato-790914	2.58					
Yamato-790915	2.40					
Yamato-790916	1.94					
Yamato-790917	1.16					
Yamato-790918	2.37					
Yamato-790919	1.41					
Yamato-790920	1.81					
Yamato-790921	2.25					
Yamato-790922	1.91					
Yamato-790923	1.59					
Yamato-790924	1.68					
Yamato-790925	1.37					
Yamato-790926	1.30					
Yamato-790927	1.29					
Yamato-790928	1.59					
Yamato-790929	1.29					
Yamato-790930	1.81					
Yamato-790931	0.94					
Yamato-790932	1.17					
Yamato-790933	1.11					
Yamato-790934	0.96					
Yamato-790935	1.38					
Yamato-790936	1.00					
Yamato-790937	0.85					
Yamato-790938	1.37					
Yamato-790939	1.30					
Yamato-790940	0.85					
Yamato-790941	0.85					
Yamato-790942	38.61					
Yamato-790943	3.61					
Yamato-790944	12.08	H4	17.9(17.4-19.5)	15.6(15.2-16.2)	B	
Yamato-790945	78.53					
Yamato-790946	2507.0	L6	24.5(23.9-25.5)	20.2(19.1-21.1)	B	
Yamato-790947	344.24	L6	24.6(22.8-26.2)	20.2(19.0-21.6)		
Yamato-790948	107.70					
Yamato-790949	32.61					
Yamato-790950	15.36					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-790951	3.19					
Yamato-790952	8.32	H4	18.2(16.7-22.9)	15.9(14.6-17.5)	B	
Yamato-790953	4.63					
Yamato-790954	4.60					
Yamato-790955						
Yamato-790956	8.42		18.2(17.5-18.9)	16.0(15.4-16.5)		
Yamato-790957	6175	L5,6	24.1(22.9-25.2)	20.0(19.1-20.9)	A/B	
Yamato-790958	68.31					
Yamato-790959	578.01	L6	24.7(23.1-25.6)	20.7(19.5-22.1)	A/B	Pl(An10.1)
Yamato-790960	20.82	H7	18.7(18.2-19.3)	16.2(15.0-17.0)	B	Pl(An11.6), merr.
Yamato-790961	19.34					
Yamato-790962	0.92	H3,4	16.9(9.3-22.6)	15.7(13.5-21.9)	B	
Yamato-790963	40.32	H3,4	17.8(17.1-18.4)	15.5(14.7-16.8)	B	
Yamato-790964	3335	LL	31.1(28.5-33.1)		A	shocked, partly-melted
Yamato-790965	78.75	L4	24.2(20.1-26.6)	20.9(19.1-24.0)	B	
Yamato-790966	2.04					
Yamato-790967	3.17					
Yamato-790968	23.79					
Yamato-790969	9.64	L5	24.8(24.1-26.1)	20.4(19.1-21.8)	B	En67.6Fs15.4Wo17.0, merr., ap.
Yamato-790970	5.68					
Yamato-790971	8.72	H5	19.1(17.8-21.5)	16.1(14.6-19.3)	B	
Yamato-790972	16.53	H4,5	18.7(18.0-19.4)	16.4(15.4-17.2)	C	
Yamato-790973	17.05					
Yamato-790974	9.48					
Yamato-790975	18.48	LL6	30.0(29.3-31.4)	24.6(23.2-27.0)	A/B	Pl(An8.6), maskl.
Yamato-790976	8.68					
Yamato-790977	7.28					
Yamato-790978	3.39					
Yamato-790979	2.40					
Yamato-790980	95.58	H4	18.5(16.9-22.8)	15.8(14.8-18.8)	B	
Yamato-790981	213.01	Ure	(5.3-21.6)	(10.7-16.7)	B	En69.2-86.3Fs7.9-16.7Wo3.0-23.4, Mg58Fe5Ca37(incl)
Yamato-790982	88.56	LL6	30.8(29.7-33.1)	24.8(24.0-25.7)	A/B	Pl(An9.9-10.5), ap.
Yamato-790983	22.96	L6	24.5(22.9-25.5)	20.7(20.1-23.8)	B	En46.9Fs6.9Wo46.2
Yamato-790984	8.17					
Yamato-790985	189.64	H4	17.7(16.8-18.8)	15.6(14.8-16.4)	B	
Yamato-790986	135.79	H3	17.0(14.0-17.8)	14.5(5.8-34.9)		
Yamato-790987	199.21	H4	18.0(16.5-20.9)	16.7(13.0-26.3)	B	merr., ap.
Yamato-790988	1.32	Ter				Terrestrial
Yamato-790989	15.67					
Yamato-790990	59.85	L5	24.6(23.9-26.9)	20.5(19.9-21.2)	B	ap.
Yamato-790991	30.80	How	(28.3-45.7)	(21.5-58.3)		Pl(An87.9-95.8), En29.5-77.0Fs14.2-59.3Wo1.5-43.4
Yamato-790992	162.99	CO3	(0.1-68.3)	(0.5-14.7)	A	
Yamato-790993	81.56	L6	24.9(24.0-26.8)	20.5(20.1-21.0)	B	Pl(An10.2), K-feld(maskl.), merr.
Yamato-790994	49.45	L3	22.7(13.7-23.9)	15.6(6.7-31.4)B	B	
Yamato-790995	4.32	H4	18.5(17.6-19.3)	16.1(14.7-17.1)	B	En77.9Fs15.1Wo6.9, merr.
Yamato-790996	78.68	H4	18.8(17.8-20.8)	15.9(14.1-16.7)	B	merr., sp.
Yamato-790997	177.93	H5	18.3(17.5-19.4)	16.1(15.7-16.9)	C	Pl(An11.2Ab84.2Or4.6)
Yamato-790998	18.15	H4	18.5(17.8-19.3)	16.0(15.5-16.5)	A	En78.7Fs14.1Wo7.2
Yamato-790999	154.34	L6	24.7(23.0-25.4)	20.2(19.3-20.9)	B	
Yamato-791000	90.40	Dio(B)		(29.8-34.0)		Pl(An86.4-91.6), En42.4-47.6Fs10.9-34.0Wo1.5-46.2
Yamato-791001	289.83	L5	23.8(22.7-24.7)	19.9(19.1-20.7)	B/C	
Yamato-791002	91.93	L6	24.8(23.8-26.1)	20.3(19.4-20.7)		Pl(An10.2-11.2), En44.2-47.6Fs6.0-10.4Wo44.1-46.6
Yamato-791003	24.45	H5	18.2(17.4-19.0)	15.7(14.9-16.5)	B	Pl(An10.4)
Yamato-791004	225.09	H6	17.6(16.5-18.4)	15.5(15.0-15.9)	C	Pl(Ab81.1An12.4Or6.5)
Yamato-791005	11.15	H5	18.2(17.4-19.6)	15.8(14.8-17.0)	C	merr.
Yamato-791006	25.21	H5	17.6(17.0-18.2)	15.7(14.9-16.1)	C	
Yamato-791007	147.15	H5	17.8(16.6-18.6)	15.4(15.0-15.7)	B	
Yamato-791008	117.17	L6	24.6(23.7-27.4)	20.5(19.6-20.0)	B	
Yamato-791009	42.08	H5	18.4(17.2-19.9)	16.6(15.4-21.6)	B	
Yamato-791010	73.18	H5	18.8(17.9-19.7)	16.4(15.5-17.4)	B	Pl(An12.0)
Yamato-791011	4.02					
Yamato-791012	14.56	H4	18.2(17.0-18.9)	15.9(15.4-16.6)	B	
Yamato-791013	5.09					
Yamato-791014	6.40	L3,4	20.9(9.2-25.7)	14.4(3.7-28.2)	A/B	ap.
Yamato-791015	4.74	H6	19.3(18.0-21.8)	16.8(15.8-17.7)	B	
Yamato-791016	4.34	L6	24.8(23.6-26.2)	21.0(20.5-22.3)	B	maskl.
Yamato-791017	10.70	H5	18.3(17.5-21.0)	15.7(15.2-16.7)	B	
Yamato-791018	7.20	L6	24.5(23.2-25.9)	20.8(19.9-22.0)	B	
Yamato-791019	18.29	H5,6	18.0(17.0-19.1)	16.0(15.5-17.3)	B	
Yamato-791020	288.26	H4,5	18.4(17.0-19.8)	15.9(15.1-16.8)	B	
Yamato-791021	5.48					
Yamato-791022	223.38	L6	24.6(23.6-26.7)	20.8(20.3-21.5)	B	Pl(An12.6Or14.0), chro.
Yamato-791023	5.51					
Yamato-791024	353.70	H4	17.4(16.4-19.8)	15.7(13.6-20.2)	B	En59.7Fs8.4Wo32.0, En49.6Fs5.1Wo45.3
Yamato-791025	106.80	H4,5	19.2(18.0-20.2)	17.1(16.4-17.5)	B	Pl(An21.2), maskl.
Yamato-791026	354.72	H4	16.6(15.7-17.9)	14.8(13.8-15.9)	B	
Yamato-791027	646	H5	19.0(18.2-20.0)	16.6(15.6-17.4)	B	En48.9Fs6.6Wo44.4
Yamato-791028	1053	H5	17.1(15.9-19.2)	14.9(14.6-15.9)	B	sp.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791029	108.80					
Yamato-791030	43.18	H5	18.8(17.5-19.6)	16.3(15.5-17.4)	B/C	merr.
Yamato-791031	13.22					
Yamato-791032	6.64					
Yamato-791033	4.19					
Yamato-791034	173.18	L5,6	24.0(22.4-25.0)	20.2(19.7-20.9)	B	
Yamato-791035	6.56	L4	24.1(22.7-28.1)	20.4(18.5-24.5)	B	
Yamato-791036	122.82	H4,5	18.9(17.6-21.3)	16.1(15.0-16.9)	B	En48.5Fs6.1Wo45.3
Yamato-791037	11.82	H5	17.5(16.7-18.2)	15.3(14.4-18.1)	B	
Yamato-791038	26.33	H3	18.0(1.3-23.0)	11.6(2.4-33.1)	B	
Yamato-791039	8.17	H4	19.8(18.8-20.4)	16.3(13.5-17.8)	B	ap.
Yamato-791040	14.88	L5,6	25.0(23.9-28.0)	21.1(19.5-25.0)	A	
Yamato-791041	62.77	H5	18.6(18.1-19.3)	16.3(15.1-17.2)	A/B	
Yamato-791042	95.07	H4,5	18.1(17.5-19.2)	16.1(15.1-17.3)	B	
Yamato-791043	23.30	H6	18.4(18.0-18.9)	16.3(15.3-17.4)	A/B	
Yamato-791044	4.26					
Yamato-791045	20.27	H5	18.6(17.8-19.4)	16.4(13.0-17.7)	B	En66.0Fs10.8Wo23.2
Yamato-791046	10.63					
Yamato-791047	163.44	H4,5	17.2(14.9-18.7)	14.0(5.2-19.5)	A/B	
Yamato-791048	205.53	H6	19.0(18.7-20.3)	17.1(16.0-18.1)	B	Pl(An12.2), En48.9Fs5.4Wo45.7
Yamato-791049	8.73	Euc		(30.0-55.3)		Pl(An69.8-85.9Or0.2-3.5), En32.9-66.4Fs13.1-55.3Wo1.3-46.6
Yamato-791050	11.07	H6	18.5(17.9-19.5)	16.1(15.1-17.6)	B	merr.
Yamato-791051	0.45	Ter				Terrestrial
Yamato-791052	4.55	H3	15.0(5.3-28.0)	11.7(1.0-26.6)	B	
Yamato-791053	26.96	H5	18.3(17.4-18.7)	16.2(14.9-17.3)	B	
Yamato-791054	13.58	H4,5	18.6(18.0-19.5)	16.1(14.2-17.7)	A	
Yamato-791055	19.07	H4,5	17.8(16.9-18.5)	16.2(14.8-18.8)	B	
Yamato-791056	38.28	H6	18.7(18.1-19.5)	16.5(15.6-17.6)	B	Pl(An11.8), En76.3Fs14.4Wo9.3
Yamato-791057	66.68	H3	18.2(17.4-20.0)	13.6(7.4-28.4)	B	
Yamato-791058	19.46	Unique	4.4(4.0-4.9)	6.8(5.4-7.6)		Pl(An12.2-15.8), En51.2Fs3.0Wo45.8, merr., ap.
Yamato-791059	12.30	H6	18.5(18.0-19.1)	16.1(15.4-17.1)	A/B	
Yamato-791060	8.67	H5,6	18.6(18.0-19.3)	16.5(15.6-17.3)	B	
Yamato-791061	10.39	L6	25.1(23.9-26.6)	20.9(19.0-23.4)	B	En49.4
Yamato-791062	7.49	L5,6	24.6(24.1-25.1)	20.8(19.9-22.7)	B	En74.3Fs19.1Wo6.6
Yamato-791063	1.67					
Yamato-791064	12.92	How		(20.1-62.4)		Pl(An82.0-95.6), En30.3-78.5Fs20.1-62.4Wo1.3-43.4
Yamato-791065	9.56	H6	19.2(18.1-19.9)	16.8(16.1-17.6)	A/B	Pl(An11.3)
Yamato-791066	9.29					
Yamato-791067	234.59	LL	31.0(30.2-31.8)	24.8(23.6-25.4)	A	En45.3Fs10.3Wo44.4, En46.1Fs9.9Wo44.1
Yamato-791068	18.07	H5	19.1(17.8-21.9)	16.1(14.1-17.1)	A	En73.3Fs15.8Wo10.9, melt pocket
Yamato-791069	114.46	H5,6	18.5(17.3-19.0)	16.4(15.9-17.0)	C	En48.7Fs6.4Wo44.8
Yamato-791070	5.63	H6	18.6(17.8-19.1)	16.4(15.4-17.0)	C	
Yamato-791071	10.23	L6	24.7(23.5-26.3)	21.1(19.5-21.9)	A/B	En47.2-47.4Fs7.4-8.2Wo44.5-45.5, maskl.
Yamato-791072	11.40	Dio(B)		(28.9-34.2)		Pl(An77.2-89.3), En31.0-68.1Fs12.7-34.2Wo1.3-47.2
Yamato-791073	33.10	Dio(B)		(30.9-46.8)		Pl(An81.8-89.5), En37.1-67.5Fs10.6-46.8Wo1.1-47.6
Yamato-791074	27.19	How	29.4	(18.8-51.4)		Pl(An73.3-94.5), En28.3-80.3Fs18.8-51.7Wo0.9-44.3
Yamato-791075	9.89	H4	17.8(17.1-18.5)	15.6(14.4-17.0)	B	merr.
Yamato-791076	331.80	Iron				
Yamato-791077	77.93	L6	24.5(22.3-25.4)	20.4(19.5-20.9)	A/B	En46.9Fs7.8Wo45.3, maskl.
Yamato-791078	37.03	H4	18.6(17.8-19.9)	16.2(15.5-17.4)	B	
Yamato-791079	59.10	L5,6	24.9(24.2-25.4)	21.5(20.3-27.2)	B/C	Pl(An10.0)
Yamato-791080	109.19	L6	24.9(24.3-25.7)	20.9(20.0-21.5)	A	
Yamato-791081	50.11	L5,6	24.4(23.5-25.0)	20.5(19.3-23.4)	A/B	merr.
Yamato-791082	2.10	LL6	29.9(25.6-31.8)	24.3(22.1-25.0)		shocked, Pl(An10.3-11.1), En46.7Fs9.8Wo43.6, maskl.
Yamato-791083	5.30	L6	24.8(23.7-29.3)	20.4(19.0-22.5)	C	Pl(maskl. An41), En47.8Fs7.5Wo44.7
Yamato-791084	11.63	LL6			A/B	
Yamato-791085	22.09	H4	18.5(16.7-19.2)	15.9(14.5-17.6)	C	
Yamato-791086	2.16	L6	26.2(25.6-26.8)	22.0(21.3-23.4)	B/C	merr., ap.
Yamato-791087	579.84	H3	17.3(16.3-19.3)	14.1(8.1-23.2)	B/C	
Yamato-791088	2138	H6	17.8(16.6-19.8)	15.5(14.6-16.3)	B/C	shocked, maskl.
Yamato-791089	4.77	H5	19.3(18.6-19.7)	16.9(16.4-19.5)	A	Pl(An10.7-11.3), merr.
Yamato-791090	81.39	H5	17.7(16.5-18.8)	15.8(14.2-17.0)	C	Pl(An13.0Or5.5)
Yamato-791091	177.91	L6	24.0(23.1-25.6)	20.3(19.0-22.6)	B	
Yamato-791092	4.21	H4	18.5(17.9-19.1)	16.4(15.7-17.4)	B	
Yamato-791093	4.12	H6	18.2(17.1-20.0)	16.5(15.7-19.0)	B	Pl(An13.1)
Yamato-791094	1.17	H4	19.9(19.3-20.7)	17.4(16.0-19.5)	B	ap.
Yamato-791095	1.40	H4	18.6(17.8-19.3)	16.2(15.5-16.8)	B	
Yamato-791096	75.59	H4	18.1(17.0-19.7)	15.9(15.6-16.3)	B	
Yamato-791097	25.43	H4	18.7(17.7-20.0)	16.7(15.6-19.4)	B	merr.
Yamato-791098	20.25	H4	18.7(17.2-19.3)	16.3(15.6-19.6)	C	
Yamato-791099	13.23	LL5,6	30.7(27.0-33.4)	24.2(16.3-32.1)		shocked, Pl(An9.4-11.1), En51.0Fs41.3Wo7.7, En44.9Fs9.8Wo45.3, ap.
Yamato-791100	9.38					
Yamato-791101	8.07	LL5,6	31.0(26.1-32.8)	22.0(4.2-26.4)		Pl(An10.0-11.6), En46.0Fs9.5Wo44.5
Yamato-791102	5.60					
Yamato-791103	4.23					
Yamato-791104	3.39					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791105	15.16	H4	18.1(17.4-19.3)	15.8(14.9-16.4)	C	merr.
Yamato-791106	409.89	H6	18.5(17.5-19.3)	16.1(14.9-17.0)	C	
Yamato-791107	283.55	L5	24.1(22.0-25.7)	20.5(19.0-22.6)	B/C	En47.3Fs7.4Wo45.3
Yamato-791108	215.39	LL5,6	29.6(21.0-33.1)	24.0(21.7-27.3)	C	shocked, En45.6Fs10.3Wo44.1
Yamato-791109	33.59					
Yamato-791110	34.47					
Yamato-791111	20.02					
Yamato-791112	10.12					
Yamato-791113	13.12	H3	17.1(1.8-21.1)	12.2(2.9-28.2)	A/B	
Yamato-791114	12.81					
Yamato-791115	9.07					
Yamato-791116	10.06					
Yamato-791117	14.03					
Yamato-791118	10.36					
Yamato-791119	7.06					
Yamato-791120	8.01					
Yamato-791121	7.04					
Yamato-791122	6.94					
Yamato-791123	5.14					
Yamato-791124	7.04					
Yamato-791125	3.04					
Yamato-791126	3.91					
Yamato-791127	2.19					
Yamato-791128	3.39	LL4	26.0(25.1-28.8)	21.3(20.5-22.8)	B	
Yamato-791129	1.86					
Yamato-791130	2.46					
Yamato-791131	1.66	CO3	18.1(0.3-44.5)	5.5(0.5-40.0)	B	Pl(An68.2Or0.6), En52.0Fs2.3Wo5.6 En79.4-94.3Fs0.6-11.5Wo5.1-16.3
Yamato-791132	1.90					
Yamato-791133	2.61					
Yamato-791134	1.88					
Yamato-791135	1.16					
Yamato-791136	1.00					
Yamato-791137	0.89					
Yamato-791138	1.24	H4	18.0(17.2-18.7)	16.0(15.1-18.9)	B	
Yamato-791139	0.85					
Yamato-791140	0.48	H4	19.3(17.3-30.6)	15.4(3.9-21.6)	B	
Yamato-791141	16.20	LL5,6	28.0(4.6-32.0)	24.7(21.8-26.2)	B	shocked, Pl(An10.5-10.8), En45.0Fs10.7Wo44.3
Yamato-791142	0.44	LL6	27.6(26.5-29.4)	22.9(22.0-23.7)	B	En46.6 Fs9.1 Wo44.3
Yamato-791143	190.39	H4	18.4(16.9-20.9)		B	
Yamato-791144	144.92	H4	18.0(16.7-18.6)	15.9(14.4-19.0)	C	
Yamato-791145	136.82	L6	24.3(23.2-25.8)	20.2(19.2-21.9)	B	Pl(An10)
Yamato-791146	94.24	H5	19.1(18.1-24.7)	16.7(15.8-18.2)	B	En47.9Fs6.5Wo45.6
Yamato-791147	44.35	H5	18.8(18.3-19.5)	16.4(15.6-17.0)	B	
Yamato-791148	58.36	H3	17.5(0.5-20.3)	15.2(5.8-22.0)	B	
Yamato-791149	58.84	L6	24.8(24.1-25.4)	21.4(19.8-23.9)	B	maskl.
Yamato-791150	75.92	L6	24.6(23.2-31.0)	20.2(19.7-21.5)	A/B	Pl(An9.9Or0.8), En47.9 Fs7.5 Wo44.6
Yamato-791151	14.11	H4	18.4(17.4-19.9)	16.7(9.6-27.0)	B/C	En45.2Fs11.8Wo43.0
Yamato-791152	16.48	L6	25.0(24.3-26.6)	21.4(20.2-26.9)	B	Pl(An9.7), maskl.
Yamato-791153	3.17	H4	18.4(17.7-18.8)	16.2(15.6-19.5)	B	
Yamato-791154	6.76	L5	25.2(24.3-27.3)	21.1(20.1-23.1)	B	merr.
Yamato-791155	2.11	H6	19.2(18.3-20.4)	16.9(15.8-20.2)	B	Pl(An12.1-12.7), En47.4Fs5.8Wo46.7
Yamato-791156	1.32	L6	25.2(24.4-26.8)	21.4(20.0-30.4)	B	Pl(An11.3), merr.
Yamato-791157	48.44	H4	17.8(17.4-18.2)	16.7(15.0-26.6)	B	En81.2Fs13.4Wo5.4, ap.
Yamato-791158	22.89	H4	18.5(17.6-20.4)	16.3(14.9-18.0)	B	En72.2Fs13.1Wo14.7
Yamato-791159	7.41	L6	24.7(23.5-25.2)	21.0(20.5-21.8)	B	Pl(An9.9-10.8), En46.9Fs7.9Wo45.1
Yamato-791160	5.57	L6	25.0(24.1-29.4)	21.0(19.9-25.2)	B	Pl(An9.8), maskl.
Yamato-791161	4.05	H6	18.9(18.2-20.2)	16.6(15.3-18.6)	B	merr., ap.
Yamato-791162	8.07	H4	18.4(17.1-19.0)	15.9(15.5-16.4)	B	
Yamato-791163	3.99	H4	16.7(15.8-17.5)	14.7(13.7-15.4)	B	
Yamato-791164	12.85	L5	25.0(23.9-27.8)	21.2(20.2-23.7)	B	
Yamato-791165	11.28	H4	18.3(16.8-19.1)	16.0(15.0-17.4)	B	merr.
Yamato-791166	4.81	H5	19.2(18.5-19.7)	16.6(15.9-17.8)	A/B	En54.9Fs7.4Wo37.6, En47.7Fs5.3Wo46.9
Yamato-791167	10.33	L5	24.7(24.1-26.6)	20.7(20.1-22.2)	B	Pl(An10.7)
Yamato-791168	10.11	L3,4	22.8(5.1-25.8)	19.4(16.3-21.8)	B	
Yamato-791169	7.88	H4	18.7(18.1-19.2)	16.5(15.7-18.5)	B	Pl(An24.5), merr., maskl.
Yamato-791170	6.78	L5	24.8(23.9-26.3)	20.8(20.1-22.5)	B	
Yamato-791171	10.43	L4	24.4(23.8-25.0)	20.3(19.0-21.5)	C	Pl(An10.3), ap.
Yamato-791172	5.68	L6	24.6(23.5-25.3)	20.9(20.0-21.8)	B	
Yamato-791173	5.41	H4	17.6(14.6-20.2)	16.2(6.1-35.9)	B	
Yamato-791174	4.00	LL6	30.3(29.6-31.3)	24.9(23.8-26.9)	A	En45.2Fs9.7Wo45.0
Yamato-791175	2.67	H5	18.3(17.0-19.2)	16.0(15.1-16.8)	B	
Yamato-791176	2.39	H5	18.4(17.8-19.1)	16.2(15.3-16.9)	B	merr.
Yamato-791177	3.64	H6	19.2(18.4-19.9)	16.7(16.0-17.1)	B	Pl(An13.1)
Yamato-791178	4.15					
Yamato-791179	7.89	H5	18.6(18.0-19.3)	16.5(15.6-16.9)	B	
Yamato-791180	4.03					
Yamato-791181	4.67	H5	18.3(17.6-19.2)	15.9(15.0-16.7)	B	

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791182	2.95					
Yamato-791183	2.71					
Yamato-791184	3.51	H5	18.5(17.7-19.9)	16.1(15.0-17.9)	B	
Yamato-791185	5.86					
Yamato-791186	99.58	Euc(mon)	(62.0-63.9)	(56.0-62.0)		Pl(An71.6-87.2), En32.3-41.0Fs29.3-62.0Wo1.3-38.4 clast: Pl(An83.6-88.3), En27.4-36.2Fs25.5-63.9 Wo1.8-45.5
Yamato-791187	24.00	Dio(B)		(31.0-33.7)		Pl(An81.0-90.1), En41.7-66.5Fs11.7-33.7Wo1.7-46.1
Yamato-791188	9.17	Dio(B)		(30.6-38.0)		Pl(An84.7-87.5), En39.7-67.2Fs12.9-38.0Wo1.3-45.6
Yamato-791189	6.23	Dio(B)		(29.6-34.5)		Pl(An83.6), En43.2-67.9Fs11.3-34.5Wo1.4-45.5
Yamato-791190	10.88	CM2	(0.2-46.9)	(0.3-5.5)		
Yamato-791191	70.08	CM2	7.28(0.1-41.8)	4.27(0.6-13.3)		
Yamato-791192	364.10	Euc(pol)		(32.1-66.0)		Pl(An82.2-97.4), En27.6-65.1Fs16.0-66.0Wo1.3-45.3
Yamato-791193	12.61					
Yamato-791194	129.73	Dio		(26.7-32.1)	A	Pl(An83.1), En43.8-70.2Fs11.4-32.1Wo1.4-44.7
Yamato-791195	100.29	Euc(cum)		(54.4-56.5)	A	Pl(An85.5-92.0), En26.3-40.9Fs24.9-59.3Wo3.7-47.0
Yamato-791196	10.77					
Yamato-791197	52.40	Ano(Br)	(13.6-92.1)	(14.1-58.9)	A	Pl(An92.0-98.2), En18.0-83.1Fs9.0-58.9Wo1.7-44.1
Yamato-791198	179.77	CM2	8.5(0.2-40.5)	2.6(0.4-7.9)		
Yamato-791199	121.88	Dio(B)		(30.8-41.7)		Pl(An75.3-92.1), En42.2-67.3Fs16.0-41.7Wo1.3-41.8
Yamato-791200	51.58	Dio(B)		(29.2-47.3)		Pl(An85.2-91.5), En38.9-66.7Fs10.8-41.7Wo1.4-45.4
Yamato-791201	9.61	Dio(B)		(28.8-47.6)		Pl(An87.7-93.1), En35.7-67.3Fs13.1-47.6Wo1.4-45.4
Yamato-791202	9.42	Dio(B)		(29.6-34.7)		Pl(An86.3-90.2), En42.6-67.5Fs12.2-34.7Wo1.1-44.6
Yamato-791203	6.26	Dio		(27.5-31.9)		breccia
Yamato-791204	2.19	Dio(B)		(30.1-33.6)		Pl(An89.7), En42.8-68.1Fs10.9-33.6Wo1.0-46.3
Yamato-791205	24.46	H5	18.4(17.4-21.3)	15.8(14.3-16.5)	B	Pl(An11.3), merr.
Yamato-791206	20.05	How	(11.8-28.6)	(15.1-51.3)		Pl(An85.3-93.6), En31.8-84.1Fs15.1-57.7Wo0.8-19.8
Yamato-791207	4.14	How	(12.3-18.4)	(11.0-47.7)		Pl(An86.8-94.3), En28.5-88.2Fs11.0-18.4Wo0.6-43.2
Yamato-791208	47.91	How	(8.7-43.3)	(13.3-60.0)		Pl(An87.8-94.9), En26.8-86.2Fs11.0-60.0Wo0.5-43.3
Yamato-791209	3288	H5	17.6(16.5-18.9)	15.5(14.6-16.3)	C	
Yamato-791210	355.09	H4,5	18.2(16.8-19.7)	15.9(14.6-17.2)	B	
Yamato-791211	161.67	H4,5	18.3(16.9-19.4)	16.3(15.2-17.6)	B	merr.
Yamato-791212	104.79					
Yamato-791213	76.95					
Yamato-791214	88.21					
Yamato-791215	64.50					
Yamato-791216	130.00					
Yamato-791217	157.31	H4	18.5(17.3-28.7)	16.8(15.3-20.1)	B	
Yamato-791218	40.04	H4	18.4(18.0-19.3)	16.2(15.4-16.9)	B	merr.
Yamato-791219	22.80					
Yamato-791220	31.03					
Yamato-791221	43.66					
Yamato-791222	40.57					
Yamato-791223	31.21					
Yamato-791224	26.51	H4,5	18.4(16.4-19.6)	16.2(14.7-17.0)	B	
Yamato-791225	22.91					
Yamato-791226	24.86					
Yamato-791227	18.83					
Yamato-791228	22.92					
Yamato-791229	24.64					
Yamato-791230	16.11					
Yamato-791231	12.74					
Yamato-791232	18.69					
Yamato-791233	20.46					
Yamato-791234	14.08					
Yamato-791235	10.65					
Yamato-791236	19.35					
Yamato-791237	10.14					
Yamato-791238	11.68					
Yamato-791239	8.04					
Yamato-791240	7.92					
Yamato-791241	10.73					
Yamato-791242	8.52					
Yamato-791243	9.75	H4,5	18.1(16.4-19.5)	16.2(15.2-17.3)	B	Pl(An12.4), merr.
Yamato-791244	5.85					
Yamato-791245	7.54					
Yamato-791246	11.01					
Yamato-791247	5.84					
Yamato-791248	6.45					
Yamato-791249	9.03					
Yamato-791250	6.78					
Yamato-791251	6.61					
Yamato-791252	6.44					
Yamato-791253	6.54					
Yamato-791254	6.22					
Yamato-791255	10.40	H6	18.3(16.8-19.3)	16.1(15.1-16.9)	B	En48.0Fs5.9Wo46.1, merr.
Yamato-791256	5.62					
Yamato-791257	6.86					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791258	7.77					
Yamato-791259	6.30					
Yamato-791260	5.99					
Yamato-791261	4.46					
Yamato-791262	5.62					
Yamato-791263	5.27					
Yamato-791264	4.22					
Yamato-791265	5.37					
Yamato-791266	4.40					
Yamato-791267	3.86					
Yamato-791268	5.31					
Yamato-791269	4.14					
Yamato-791270	3.53	L6	23.9(23.0-24.4)	20.2(19.7-20.8)	B	merr.
Yamato-791271	4.74					
Yamato-791272	4.03					
Yamato-791273	4.49					
Yamato-791274	3.72					
Yamato-791275	4.50					
Yamato-791276	3.56					
Yamato-791277	4.10					
Yamato-791278	2.62					
Yamato-791279	2.67					
Yamato-791280	3.04					
Yamato-791281	3.82					
Yamato-791282	3.29					
Yamato-791283	5.11					
Yamato-791284	4.03					
Yamato-791285	4.61					
Yamato-791286	3.79					
Yamato-791287	2.66					
Yamato-791288	2.68					
Yamato-791289	3.96					
Yamato-791290	2.74					
Yamato-791291	2.77					
Yamato-791292	2.60					
Yamato-791293	2.20					
Yamato-791294	3.50					
Yamato-791295	3.99					
Yamato-791296	3.60					
Yamato-791297	3.93					
Yamato-791298	2.69					
Yamato-791299	3.72					
Yamato-791300	2.37					
Yamato-791301	3.06					
Yamato-791302	2.39					
Yamato-791303	2.49					
Yamato-791304	2.48					
Yamato-791305	2.81					
Yamato-791306	2.51					
Yamato-791307	3.07					
Yamato-791308	2.84					
Yamato-791309	2.58					
Yamato-791310	32.05					
Yamato-791311	51.73					
Yamato-791312	1841	H4,5	18.4(17.6-20.1)	16.1(15.5-17.9)	B	
Yamato-791313	640	H5	18.2(17.3-19.3)	16.3(15.3-17.8)	B/C	En48.7,59.6Fs5.9,9.9Wo46.3,30.5
Yamato-791314	626	H4	18.8(17.9-20.4)	16.2(14.3-17.4)		
Yamato-791315	352.57	H4	17.8(9.2-27.5)	15.1(0.7-18.1)		with H3 clast
Yamato-791316	283.11	L6	24.5(23.8-25.4)	20.5(19.2-22.0)		Pl(An10.3Or5.7, An10.5Or6.0)
Yamato-791317	164.42	L6	24.8(23.5-25.7)	20.7(19.8-29.1)		Pl(An13.3, An8.6Or20.6), En57.5Fs13.4Wo39.1, maskl.
			24.6(23.7-26.1)	20.8(19.7-22.0)		
Yamato-791318	265.96	H				
Yamato-791319	137.40	L				
Yamato-791320	128.09	H6	17.3(16.2-18.1)	15.3(14.2-15.7)	C	En48.6Fs5.0Wo46.4
Yamato-791321	65.21	H6	19.2(18.1-20.2)	16.8(15.6-17.4)	B	
Yamato-791322	141.06	L6	24.2(23.2-24.9)	20.4(19.3-21.8)	A/B	merr., ap.
Yamato-791323	134.20	H5	18.6(17.8-19.6)	16.2(15.1-17.0)	B	
Yamato-791324	20.67	LL3	12.1(0.4-22.4)	8.8(1.0-31.3)	A	
Yamato-791325	9.02	H3	17.6(15.9-18.4)	14.6(3.7-24.7)	B	
Yamato-791326	7.00	LL4	28.2(27.4-29.2)	21.8(14.5-25.3)	B	En46.0Fs10.2Wo43.8
Yamato-791327	5.26	H4	18.6(17.9-19.3)	16.2(14.9-17.0)	B	
Yamato-791328	4.36	H5	18.3(17.4-18.9)	16.0(14.3-16.7)	B	En48.5Fs6.2Wo45.3
Yamato-791329	5.52	H4	18.3(17.7-19.0)	16.0(14.9-16.7)	B	merr.
Yamato-791330	3.00	H5	18.9(18.0-24.2)	16.4(15.5-17.9)		merr.
Yamato-791331	2.35	H5	18.3(1.9-20.1)	16.8(15.9-17.5)		
Yamato-791332	2.27	L5	25.3(24.1-26.1)	21.0(19.8-21.9)		En47.4Fs8.3Wo44.3
Yamato-791333	1.84	H4	18.6(17.0-22.2)	16.5(14.5-17.9)		En46.7Fs6.4Wo46.9
Yamato-791334	1.84	H5	18.2(13.3-18.9)	16.4(15.4-20.6)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791335	1.79	H5	19.2(18.5-20.9)	16.8(15.9-18.1)		ap.
Yamato-791336	1.47	H4	18.0(17.4-19.1)	16.4(14.8-22.3)		ap.
Yamato-791337	1.74	L6	24.0(23.3-25.1)	20.0(18.9-20.9)		Pl poor
Yamato-791338	1.46	H3	18.3(5.8-20.5)	12.6(4.3-37.5)		En57.3,79.0Fs14.1,14.0Wo28.5,7.0
Yamato-791339	1.01	H4	18.0(17.0-19.6)	15.8(15.0-16.3)		
Yamato-791340	34.20	H3	16.8(2.5-20.6)	14.3(4.5-16.0)	A	
Yamato-791341	33.71	L6	24.7(24.2-25.6)	20.8(19.2-23.9)	A/B	En46.9Fs8.1Wo44.9, merr., ap.
Yamato-791342	10.73	L6	23.9(23.2-24.7)	20.1(19.0-21.9)	A	Pl(An10.8), En49.0Fs8.1Wo42.9, merr., maskl.
Yamato-791343	8.55	L6	24.1(23.1-25.8)	20.3(18.9-22.1)	A/B	
Yamato-791344	10.74	H4	19.9(19.3-21.0)	16.8(15.9-17.7)	A	
Yamato-791345	8.70	H4	17.8(16.5-22.1)	15.6(14.5-17.5)	A/B	
Yamato-791346	6.60	H4	18.1(17.5-18.7)	15.7(14.2-16.8)	A	merr.
Yamato-791347	14.57	H5	18.3(17.2-20.8)	16.1(15.1-16.6)	B	Pl(An13.3), En75.7Fs13.7Wo10.6, merr.
Yamato-791348	13.36	H4	19.8(18.8-21.2)	17.3(14.2-24.6)	B	
Yamato-791349	10.72	H6	18.1(17.2-18.8)	15.9(15.2-16.9)	B	Pl(An12.9)
Yamato-791350	13.01	L6	25.1(24.1-28.2)	20.9(20.1-22.5)		
Yamato-791351	6.15	H4	18.6(17.8-19.6)	16.1(15.7-16.7)		
Yamato-791352	3.86	L3	20.9(0.4-39.9)	14.3(1.4-27.0)		En57.7Fs12.0Wo30.3
Yamato-791353	6.32	H6	19.1(18.5-19.9)	16.8(15.9-18.5)		merr.
Yamato-791354	5.20	H3	18.2(7.3-32.5)	13.5(4.0-16.4)		breccia, Pl(An6.2Or10.5), maskl.
Yamato-791355	4.71	H4	17.5(16.3-21.5)	15.1(12.3-16.7)		with H6 clast, En77.6Fs13.1Wo9.2
Yamato-791356	2.37	L6	25.5(24.4-31.3)	21.2(19.4-30.6)		with shock vein, merr.
Yamato-791357	2.78	L4	23.6(23.0-24.8)	20.0(19.0-23.2)		
Yamato-791358	2.74	H4	18.9(17.8-21.8)	16.1(14.9-17.0)		
Yamato-791359	2.05		19.3(18.3-20.1)	16.9(15.5-21.9)		Pl(An11.2-11.9)
Yamato-791360	2.14	H4	18.6(17.5-19.3)	16.2(15.5-17.0)	B	merr.
Yamato-791361	1.22					
Yamato-791362	3.42	LL6	30.8(30.0-31.7)	25.2(24.5-26.7)	B	Pl(An9.8,11.1), En46.3Fs8.9Wo44.8
Yamato-791363	6.83	H5	18.4(17.7-19.2)	16.0(15.2-17.3)	B	breccia
Yamato-791364	45.04	H5	17.9(17.1-19.0)	16.1(15.2-18.8)	B	merr., ap.
Yamato-791365	24.10					
Yamato-791366	23.04	L3	23.6(23.2-24.3)	19.0(13.5-21.6)	B	merr.
Yamato-791367	15.20	H6	18.3(16.4-20.0)	16.6(15.2-18.5)	B	merr.
Yamato-791368	20.55	L6	24.9(24.3-25.9)	20.9(19.9-25.0)	B	Pl(An10.3), merr.
Yamato-791369	11.05	LL6	30.1(25.0-34.2)	22.9(6.2-26.1)	A/B	shocked, Pl(An10.5), En44.9Fs9.8Wo45.4, maskl.
Yamato-791370	9.07	H3	16.9(0.4-20.4)	13.9(3.1-27.9)	B	
Yamato-791371	11.13	L6	24.0(22.9-25.0)	20.2(19.1-22.4)	B	
Yamato-791372	5.30	H4	18.5(17.6-19.2)	16.2(15.4-17.2)		En73.9Fs13.7Wo12.4, merr.
Yamato-791373	8.71	H4	17.6(16.9-18.0)	15.4(14.9-15.9)		merr.
Yamato-791374	6.30	L6	24.7(23.8-25.7)	20.8(20.1-22.3)		Pl(An10.2) poor, En46.7Fs8.4Wo44.9
Yamato-791375	5.20	H5	18.0(17.1-18.4)	15.9(15.3-16.5)		
Yamato-791376	4.94	L6	25.3(24.5-26.9)	20.9(20.0-23.1)		strongly weathered, Pl-rich
Yamato-791377	4.74	H3	17.3(5.3-19.2)	15.0(11.3-18.4)		
Yamato-791378	2.14	LL6	29.9(29.2-31.0)	24.2(23.4-25.2)		Pl(An10.1,9.3), En46.5Fs10.2Wo43.3
Yamato-791379	4.49	L6	24.5(23.7-25.6)	20.4(19.7-21.5)		Pl(An8.9,9.7) poor, En48.7Fs7.4Wo42.9
Yamato-791380	6.97	L6	25.1(24.5-27.4)	21.3(19.6-23.0)		Pl(An9.8Or4.2), shock vein
Yamato-791381	24.41	L4	24.8(24.1-25.5)	20.9(19.7-23.6)		
Yamato-791382	16.36	H5	18.6(18.1-19.1)	16.2(15.7-16.9)		ap.
Yamato-791383	11.96	H4	18.8(17.6-21.0)	16.4(15.5-18.0)		
Yamato-791384	12.82	L6	25.2(24.4-26.1)	21.5(19.4-23.1)		En46.6Fs11.2Wo42.3, shock vein
Yamato-791385	13.63	H4	18.6(18.1-19.1)	16.4(15.3-18.6)		
Yamato-791386	3.83	H4	17.1(16.4-17.8)	15.3(13.9-16.8)		
Yamato-791387	3.92	H3	17.9(11.0-18.8)	15.6(10.1-16.9)		
Yamato-791388	3.55	LL4	29.2(28.3-29.8)	23.6(22.8-24.8)		breccia
Yamato-791389	3.74	H4	18.1(17.2-19.0)	16.3(14.9-22.8)		
Yamato-791390	2.32	L4	24.0(23.2-24.5)	19.8(5.3-22.6)		En66.9Fs15.0Wo18.1
Yamato-791391	3.03	L6	25.1(24.4-26.0)	21.2(20.1-22.7)		Pl(An10.3)
Yamato-791392	3.08	H5	18.6(17.8-19.2)	16.8(15.4-26.2)		
Yamato-791393	1.31					
Yamato-791394	1.56					
Yamato-791395	1.52					
Yamato-791396	1.88					
Yamato-791397	1.87					
Yamato-791398	0.96	H5	18.6(17.7-19.4)	16.7(15.6-19.4)		
Yamato-791399	0.95	L-LL3	9.0(0.4-24.6)	11.5(0.6-32.8)		Pl(An99.4)
Yamato-791400	0.84					
Yamato-791401	0.61					
Yamato-791402	0.82					
Yamato-791403	0.70					
Yamato-791404	1.42					
Yamato-791405	2.83					
Yamato-791406	2048	H4	18.3(16.9-19.1)	15.7(14.3-16.5)		
Yamato-791407	58.10					
Yamato-791408	45.93	H4	18.7(17.5-19.7)	16.5(14.9-21.3)		
Yamato-791409	54.16					
Yamato-791410	16.69	L6	25.7(25.0-27.1)	21.5(20.0-27.5)		Pl-rich, En45.3Fs8.5Wo46.3
Yamato-791411	4.96	H6	18.4(17.3-19.1)	16.2(14.9-17.1)		merr.
Yamato-791412	24.98	L6	25.1(24.3-26.1)	21.3(20.4-22.6)		Pl-poor, merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791413	203.61	L6	24.4(22.9-26.0)	20.5(19.6-21.9)		Pl(An11.8), En47.5Fs7.5Wo45.1, ap., maskl.
Yamato-791414	52.96	L6	25.3(24.5-26.8)	21.6(20.1-25.4)		Pl(An10.2)
Yamato-791415	22.46	L6	25.0(24.6-26.4)	21.8(20.1-26.1)		En46.8Fs7.4Wo45.8
Yamato-791416	4.09					
Yamato-791417	39.68	LL6	29.0(28.1-30.1)	23.6(22.3-24.9)		Pl(An9.3-10.9), En45.5Fs9.6Wo44.9
Yamato-791418	16.16	H(?)4	15.3(14.5-16.6)	13.4(12.8-14.0)		merr.
Yamato-791419	37.61	H6	18.5(17.6-19.0)	16.3(15.2-17.2)		merr.
Yamato-791420	18.91	H4	18.7(18.4-19.1)	16.2(15.6-17.7)		ap.
Yamato-791421	811	L5-6	24.4(23.3-25.2)	20.7(18.9-22.7)		Pl(Ab85.4An10.6Or4.0), En48.5Fs8.1Wo43.4, En46.5Fs9.6 Wo43.8, inclusion(Fa24.4, Fs20.6), merr., maskl.
Yamato-791422	61.80	Dio(B)		(30.6-35.3)		Pl(An69.7-91.7), En42.4-67.7Fs11.2-35.3Wo1.0-46.4
Yamato-791423	3.66	H5	19.1(17.9-21.1)	16.5(15.6-17.9)		
Yamato-791424	10.90	How	35.1	(13.6-55.1)		Pl(An84.7-95.6), En31.2-86.0Fs13.6-55.1Wo0.4-32.0
Yamato-791425	4.36	H4	18.3(17.4-19.1)	16.3(15.5-17.1)		
Yamato-791426	1.72	L6	25.4(24.5-26.6)	21.0(20.3-22.2)		Pl(An12.4), maskl., Pl-poor
Yamato-791427	507.05	H5	18.5(17.5-25.4)	15.4(14.7-15.9)		
Yamato-791428	548.94	H3	17.4(15.6-18.3)	14.4(5.3-26.3)	A/B	
Yamato-791429	223.53	L3	22.1(15.9-24.1)	15.7(8.1-24.4)	B	
Yamato-791430	45.93	H6	18.4(17.5-19.3)	16.1(15.8-16.5)	B	En48.8Fs6.0Wo45.1
Yamato-791431	281.60	L6	23.8(22.8-25.4)	20.1(19.4-21.5)	B	En47.7Fs8.0Wo44.2, maskl.
Yamato-791432	221.07					
Yamato-791433	3.13	CO3	19.5(0.5-44.2)	1.7(0.6-7.2)	B	Pl(An71.5Ab27.3Or1.2)
Yamato-791434	265.20	H4	18.3(16.9-20.9)	16.0(15.0-18.0)	B/C	
Yamato-791435	15.09	H4	18.4(17.0-19.6)	16.3(15.7-19.0)	B	merr.
Yamato-791436	6.68	H6	18.9(18.2-20.3)	16.2(15.4-16.9)	B	
Yamato-791437	28.20	H6	18.1(17.5-18.8)	15.9(15.4-16.6)	B	Pl(An13.5), sp.
Yamato-791438	20.18	Euc(mon)		(43.0-46.2)		Pl(An91.8-94.8), En38.5-53.9Fs16.6-46.2Wo1.1-44.8
Yamato-791439	31.05	Dio(B)		(30.8-60.7)		Pl(An87.6-91.7), En28.7-66.8Fs14.6-60.7Wo1.6-45.5
Yamato-791440	89.65	L6	24.1(22.7-25.7)	20.1(18.5-21.1)	B	En47.6Fs8.0Wo44.4, En47.2Fs7.6Wo45.2
Yamato-791441	105.66	L6	24.1(23.0-25.1)	20.2(19.0-21.0)	B	
Yamato-791442	189.53	L6	24.3(23.0-25.4)	20.2(19.6-21.3)	B	Pl(An9.1-9.6), En46.4Fs8.5Wo45.1, ap.
Yamato-791443	11.32	L6	24.5(24.0-25.1)	20.6(19.7-21.0)	B	Pl(An10.0, 10.7), merr., ap.
Yamato-791444	550.84	H4	18.8(17.6-19.4)	16.3(15.3-18.1)	B	merr.
Yamato-791445	4.75	H6	20.3(19.3-22.1)	17.4(16.7-18.2)	B	Pl(An11.4)
Yamato-791446	17.60	H4	18.6(17.8-19.7)	15.9(14.3-16.6)	B	
Yamato-791447	1.99	H4	17.2(15.9-18.0)	15.4(14.4-15.9)	B	Pl(An50.9)
Yamato-791448	35.60	How	(10.9-26.7)	(13.8-60.9)		Pl(An78.6-95.3), En1.7-85.1Fs13.8-60.9Wo1.1-37.4
Yamato-791449	108.33	L6	25.0(23.3-26.1)	21.0(20.4-21.8)	B	En47.7Fs7.6Wo44.7, maskl.
Yamato-791450	192.86	L6	25.0(24.1-26.1)	20.9(19.5-21.9)	B	En47.1Fs8.0Wo45.1, merr., ap., maskl.
Yamato-791451	8.07	L6	24.7(23.5-25.8)	20.9(19.6-22.0)	B	Pl(An9.8-10.8), En47.6Fs7.4Wo45.0, ap., maskl.
Yamato-791452	204.59	L5	24.5(23.2-27.7)	20.3(19.9-21.6)	B	
Yamato-791453	158.89	H4	16.2(15.5-18.1)	14.6(13.4-20.5)	B	En77.3Fs12.8Wo10.0, En51.6Fs4.9Wo43.6, SiO2
Yamato-791454	8.40	H4	17.7(6.0-19.4)	15.2(3.5-16.5)	C	
Yamato-791455	54.83	L6	24.9(23.5-28.0)	20.7(19.5-21.2)	B	
Yamato-791456	37.05	L6	24.5(23.8-25.5)	20.7(19.6-22.1)	B	
Yamato-791457	41.39	H4	18.3(17.4-21.7)	15.8(11.9-20.9)	B	merr.
Yamato-791458	8.04	H4	17.3(16.7-18.2)	15.3(14.6-16.4)	C	merr.
Yamato-791459	23.65	L6	25.0(24.1-25.8)	20.6(20.1-22.0)	B	Pl(An9.4-10.2), maskl.
Yamato-791460	10.59	L6	24.9(24.2-25.9)	20.6(19.3-23.2)	B	Pl(An9.6)
Yamato-791461	11.44	L6	24.7(24.0-25.9)	21.1(19.0-25.3)	B	merr.
Yamato-791462	94.23	H5	18.0(16.8-20.7)	16.0(15.2-17.1)	C	En50.9Fs5.7Wo43.4
Yamato-791463	10.28	L6	24.6(23.4-26.0)	20.9(19.9-22.6)	B	
Yamato-791464	18.02	H4	16.7(16.4-17.2)	14.6(17.2-15.4)	C	ap.
Yamato-791465	3.23	H6	18.0(17.0-19.3)	15.8(15.0-16.5)	C	Pl(An12.9), merr., ap.
Yamato-791466	21.46	Dio(B)		(30.1-35.2)		Pl(An81.6-89.9), En42.7-66.5Fs12.4-35.2Wo1.2-44.9
Yamato-791467	18.71	Dio(B)		(29.4-34.3)		Pl(An84.0-87.2), En42.5-67.6Fs12.7-34.3Wo1.7-44.8
Yamato-791468	11.29	H5	18.3(17.3-20.2)	16.0(15.1-17.4)	C	En47.8Fs6.2Wo46.0, merr.
Yamato-791469	5.09	H4	18.2(17.1-19.6)	16.0(15.3-17.1)	B	ap.
Yamato-791470	6.96	H5	18.0(16.7-19.3)	15.5(11.1-16.9)	B	shocked, En53.2Fs9.5Wo37.4, En58.6Fs12.2Wo29.2
Yamato-791471	141.83	L5	24.9(23.1-29.2)	20.7(19.6-23.2)	B	
Yamato-791472	7.00	H3	19.4(16.1-20.2)	15.5(7.3-25.8)	C	Pl(An0.6Ab98.2), En78.8Fs15.5Wo5.7, En58.4Fs8.5Wo33.0
Yamato-791473	6.81	H4	18.4(17.3-19.0)	16.0(15.0-17.0)	C	
Yamato-791474	67.05	H4,5	18.3(17.5-19.2)	16.6(15.5-19.9)	C	Pl(An15.5)
Yamato-791475	14.38	H4,5	18.2(17.6-19.2)	16.1(15.0-17.1)	B/C	
Yamato-791476	23.47	H4,5	18.6(17.7-19.6)	16.6(15.4-20.5)	B	
Yamato-791477	214.87	H4,5	19.3(18.0-22.2)	16.3(15.3-18.0)	B/C	
Yamato-791478	146.95	H4	19.2(18.0-24.9)	16.4(15.3-18.8)	B/C	
Yamato-791479	1.39					
Yamato-791480	6.74					
Yamato-791481	2.13					
Yamato-791482	352.62	H4	18.4(17.3-21.4)	17.7(15.0-24.0)	B/C	
Yamato-791483	73.59	L6	24.7(24.0-25.7)	20.6(19.9-21.6)	A/B	Pl(An11.0), En47.1Fs8.1Wo44.8, merr., ap.
Yamato-791484	19.18					
Yamato-791485	3.53	LL4,5,6	29.5(25.2-32.7)	22.8(9.7-34.5)	C	breccia, En46.1Fs9.7Wo44.3, En62.6Fs18.2Wo19.2
Yamato-791486	565.51	L6	24.0(22.5-26.3)	19.9(18.5-20.5)	A/B	En47.5,46.4Fs7.7,6.9Wo44.8,46.7
			24.3(23.3-25.8)	20.0(19.0-22.0)		En47.3,48.3Fs8-9.7Wo43-44.6
Yamato-791487	13.95	L5,6	24.4(23.4-26.5)	20.3(19.5-21.7)	B	

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791488	8.08	H4	18.2(17.1-18.7)	16.1(15.4-16.7)	B	
Yamato-791489	5.51	How		(15.6-54.4)		Pl(An87.2-93.3)
Yamato-791490	10.09	H5	17.9(17.3-18.6)	15.5(15.0-16.1)	C	En49.3Fs5.3Wo45.4
Yamato-791491	31.60	Lod	10.7(9.8-12.4)	11.7(10.6-12.2)		Wo2.2(1.1-3.2)
Yamato-791492	41.12	How	(13.3-28.3)	(16.2-67.4)		Pl(An84.3-93.2), En29.8-82.4Fs16.2-67.4Wo1.1-43.2
Yamato-791493	5.13	Lod	11.6(10.2-13.5)	12.2(11.4-12.9)	C	Pl(An16.3-18.6), En50.2Fs5.0Wo45.0, metal(5.7-45.3%Ni
Yamato-791494	20.88	L5	25.0(23.7-26.0)	20.7(19.7-22.8)	B/C	merr., maskl.
Yamato-791495	45.29	H5	19.3(18.7-20.0)	17.0(16.3-19.1)	B	En77.5Fs14.1Wo8.5
Yamato-791496	5.37	L4,5	24.4(21.3-25.9)	20.5(18.9-22.7)	B	
Yamato-791497	7.04	How	(33.4-51.6)	(16.0-56.9)	B/C	Pl(An89.0-95.4), En33.3-82.4Fs16.0-56.9Wo1.2-40.9
Yamato-791498	3.11	CR2	1.2(0.2-2.6)	1.6(0.8-3.6)		
Yamato-791499	9.94	L6	24.9(24.0-25.9)	21.0(20.0-21.6)	A/B	Pl(An9.5-10.9), En46.9-47.6Fs7.3-8.6Wo44.3-45.1
Yamato-791500	1252	H3,4	16.8(15.9-17.9)	14.7(10.7-17.3)	A/B	
Yamato-791501	283.10	H4	17.6(16.7-18.4)	15.4(14.3-16.6)	B	
Yamato-791502	131.02	H3,4	17.0(11.2-23.6)	14.7(4.8-19.8)	A/B	
Yamato-791503	55.11	H5	17.9(16.8-18.6)	15.4(14.7-16.0)		
Yamato-791504	41.55	H4	18.3(17.7-19.1)	16.0(15.1-16.9)		
Yamato-791505	31.11	H4	18.7(17.9-19.6)	16.7(15.8-20.6)		merr.
Yamato-791506	16.62	H5	18.2(16.9-19.0)	15.9(15.2-17.1)		
Yamato-791507	12.77	H5	19.2(17.2-24.2)	16.4(15.7-18.9)		
Yamato-791508	12.81	H5	18.5(17.5-19.7)	16.4(15.4-19.9)		ap.
Yamato-791509	9.90	H5	18.6(18.0-19.4)	16.7(15.6-20.2)		
Yamato-791510	9.77	E5		0.4(0.1-4.2)		
Yamato-791511	10.34	H5	18.5(17.3-20.3)	16.0(15.3-18.5)		merr.
Yamato-791512	4.69	H5	19.0(17.7-21.4)	16.5(15.9-18.4)		
Yamato-791513	3.97					
Yamato-791514	1.63					
Yamato-791515	2.21					
Yamato-791516	89.18	L6	24.4(23.5-25.1)	20.2(19.3-21.1)		Pl(An9.9-10.7), En46.4-47.8Fs6.4-8.5Wo44.8-46.4
Yamato-791517	17.12	L6	24.9(23.7-30.5)	20.5(20.0-21.7)		maskl.
Yamato-791518	6.42	L6	24.7(23.8-26.9)	21.0(19.6-23.5)		
Yamato-791519	26.89	H4	17.1(16.5-17.8)	14.9(13.7-17.0)		merr., ap.
Yamato-791520	2.85	L4	23.6(22.9-24.6)	19.7(17.3-22.1)		merr., ap.
Yamato-791521	2.82	L4	24.0(23.1-26.4)	20.3(19.4-24.0)		ap.
Yamato-791522	2.48	L4	23.7(22.8-25.3)	20.6(19.1-23.7)		
Yamato-791523	0.82	L6	23.9(23.3-25.5)	20.6(18.9-22.8)		Pl(An11.0Or6.3), En48.4Fs7.7Wo43.9, merr.
Yamato-791524	0.68	H4	18.7(17.4-19.5)	15.5(13.9-18.6)		shocked
Yamato-791525	0.71	L6	23.9(23.4-24.3)	19.9(19.3-20.5)		Pl(An10.0), merr.
Yamato-791526	6.47	H6	18.3(17.6-18.9)	16.2(15.4-16.6)		Pl(An11.8)
Yamato-791527	4.14	H4	18.0(16.7-20.2)	15.8(15.4-16.8)		
Yamato-791528	1.40	L4	24.2(23.3-25.9)	20.3(16.9-21.8)		merr.
Yamato-791529	0.77	L6	24.0(22.8-24.8)	20.2(19.5-21.1)		shock vein, Pl-rich
Yamato-791530	0.14					
Yamato-791531	77.92	L5	24.0(23.2-25.2)	20.1(19.6-20.7)		maskl.
Yamato-791532	28.31					
Yamato-791533	2.85					
Yamato-791534	2.99					
Yamato-791535	15.52	H4	18.9(17.8-19.8)	16.2(15.8-16.5)		merr.
Yamato-791536	839	LL6	31.5(30.3-32.8)	25.5(25.2-25.8)		Pl(An10.8), merr., ap.
Yamato-791537	66.18	H3	19.0(17.5-20.7)	13.0(7.4-17.9)		ap.
Yamato-791538	419.03	Ure	(7.1-8.7)	(7.2-7.6)		En82.8-88.6Fs7.0-7.9Wo5.0-9.5
Yamato-791539	1907	LL				shocked
Yamato-791540	9.95					
Yamato-791541	5.79					
Yamato-791542	2.44					
Yamato-791543	0.99					
Yamato-791544	1.58	H6	18.4(17.8-19.3)	16.1(15.4-16.8)		merr.
Yamato-791545	195.17	L4	24.0(23.2-24.6)	20.0(19.2-20.8)		En50.5Fs12.9Wo36.6, merr.
Yamato-791546	76.87	H4	18.2(16.2-21.7)	16.2(15.5-17.3)		Pl(An10.7), merr.
Yamato-791547	2.92	H4	17.4(16.9-19.2)	15.5(14.4-18.8)		merr.
Yamato-791548	2.10	H4	17.4(16.8-18.8)	15.4(14.6-16.7)		merr.
Yamato-791549	1.90	H4	17.5(16.7-18.3)	15.2(14.3-15.8)		
Yamato-791550	1.17	H4	17.5(16.6-21.4)	15.5(14.8-16.4)		
Yamato-791551	1.16					
Yamato-791552	1.28					
Yamato-791553	1.66					
Yamato-791554	1.19					
Yamato-791555	1.06	H6	18.3(17.4-19.0)	16.1(15.2-16.7)		
Yamato-791556	129.25	H5	18.1(10.8-19.2)	16.1(15.1-17.8)		merr.
Yamato-791557	90.65	L6	23.8(23.0-24.7)	20.4(19.3-24.0)		merr.
Yamato-791558	101.64	LL3	13.6(0.6-25.9)	9.1(1.7-37.8)		
Yamato-791559	26.21	H6	19.2(17.7-20.3)	16.5(15.0-17.6)		Pl(An30.2), merr.
Yamato-791560	61.67	H4	18.5(17.4-19.4)	16.2(15.3-17.4)		with H5 clast (Fa18.7, Fs16.5)
Yamato-791561	54.27					
Yamato-791562	205.32	H4	18.9(17.9-20.1)	16.1(12.0-17.3)		merr., glass
Yamato-791563	487.87	H4	17.7(16.9-18.8)	15.3(14.7-15.8)		merr.
			17.7(16.6-18.3)	15.8(15.0-17.1)		ap.
Yamato-791564	84.31					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791565	8.13					
Yamato-791566	497.17	L6	24.3(23.2-24.9)	20.1(19.2-20.8)		
Yamato-791567	67.98	H4	18.7(17.6-20.1)	16.5(15.4-22.3)		
Yamato-791568	40.07	L6	24.5(23.9-25.4)	20.5(19.1-21.9)		Pl(An9.7), En46.0-48.0Fs6.6-8.7Wo43.9-46.2, merr.
Yamato-791569	10.58	L6	25.1(23.3-26.7)	21.4(19.7-24.2)		merr., ap.
Yamato-791570	0.58					
Yamato-791571	23.68	L6	24.9(23.8-27.5)	20.8(19.5-22.8)		
Yamato-791572	6.31	H4	17.9(16.5-20.6)	16.8(14.9-21.1)		
Yamato-791573	134.33	How	(11.0-24.8)	(13.9-63.3)		Pl(An81.4-95.2), En16.2-85.0Fs13.9-63.3Wo1.0-44.2
Yamato-791574	199.73	L6	24.2(23.5-25.5)	20.4(19.9-21.9)		
Yamato-791575	3.19	L6	24.3(23.5-25.3)	20.7(19.7-22.3)		merr.
Yamato-791576	4.40					
Yamato-791577	481.41	L6	24.9(23.9-25.9)	20.2(20.2-21.0)		Pl(An10.9)
			24.6(23.2-25.6)	20.4(19.6-23.4)		Pl(An10.0)
Yamato-791578	191.44	L6	24.6(23.8-25.5)	20.7(20.0-21.2)		ap., maskl.
Yamato-791579	108.06	L6	24.5(23.0-25.3)	20.6(20.0-21.3)		merr.
Yamato-791580	114.60	L6	24.6(23.9-25.2)	20.6(19.9-21.6)		Pl(An10.0)
Yamato-791581	9.61	L6	24.5(23.7-25.5)	20.6(19.7-24.1)		Pl(An10.3), ap.
Yamato-791582	3.26					
Yamato-791583	6.69					
Yamato-791584	2.52	L6	24.8(24.1-25.8)	20.8(19.6-23.2)		Pl(An10.2), ap.
Yamato-791585	79.19	L6	24.6(24.0-25.3)	20.6(19.9-21.2)		merr., maskl.
Yamato-791586	219.68	L6	25.6(24.8-26.7)	21.6(21.4-22.0)		Pl(An11.0Or5.5), merr., ap.
Yamato-791587	99.82	L4	23.9(23.0-24.6)	20.0(19.3-20.6)		maskl.
Yamato-791588	71.12					
Yamato-791589	3.91	H6	18.8(17.5-19.8)	16.3(15.1-17.0)		Pl(An12.0)
Yamato-791590	20.57	H4	18.5(17.7-19.7)	16.4(15.5-18.4)		ap.
Yamato-791591	57.09	L6	24.7(23.8-25.5)	20.7(19.4-21.1)		
Yamato-791592	1.33					
Yamato-791593	0.86					
Yamato-791594	0.78					
Yamato-791595	5.84	H5	18.0(16.7-19.1)	15.8(14.9-16.7)		Pl(An12.0), En49.0Fs5.3Wo45.7
Yamato-791596	1.92	L4	26.9(25.6-29.0)	22.0(21.6-22.5)		En46.1Fs8.1Wo44.9, merr.
Yamato-791597	147.99	H6	18.8(17.9-19.9)	16.3(15.4-16.9)		
Yamato-791598	8.16	L4	24.0(22.9-25.6)	20.0(19.1-21.4)		En72.1Fs17.6Wo10.3, ap.
Yamato-791599	8.55	L4	23.9(22.4-28.7)	20.3(19.5-21.9)		
Yamato-791600	0.74	H4	17.3(16.7-18.1)	15.4(14.4-16.9)		merr.
Yamato-791601	2.06	CV3				coarse CAI
Yamato-791602	3.35	H6	18.8(18.2-19.6)	16.6(15.6-19.0)		
Yamato-791603	5.09	Dio(B)		(29.3-32.8)		Pl(An88.9-92.0), En42.8-66.9Fs10.9-33.0Wo1.7-46.5
Yamato-791604	297.44	H4	18.6(15.7-19.6)	16.1(15.8-16.5)		
Yamato-791605	112.63	H5	18.7(17.9-19.5)	15.9(15.1-16.6)		
Yamato-791606	182.40	H4	18.8(17.6-19.9)	16.4(15.5-17.1)		
Yamato-791607	55.63	H5	18.4(17.7-19.1)	16.9(15.9-25.9)		
Yamato-791608	19.77	H5	18.5(17.5-19.1)	16.1(15.5-16.8)		
Yamato-791609	18.90	H5	18.5(17.5-19.3)	16.2(15.4-17.5)		merr.
Yamato-791610	22.61	H5	18.5(18.0-19.2)	16.0(15.2-16.4)		
Yamato-791611	14.85	H5	18.5(17.9-20.5)	16.3(14.8-21.4)		ap.
Yamato-791612	15.97	H5	18.8(18.3-19.6)	16.5(15.6-18.0)		merr.
Yamato-791613	15.50	H5	18.6(17.8-20.0)	16.0(12.4-17.0)		merr.
Yamato-791614	21.47	H5	18.7(18.1-19.5)	16.4(15.7-17.5)		En77.3Fs13.5Wo9.2, ap.
Yamato-791615	18.22	H5	18.6(17.7-19.4)	16.3(14.9-19.5)		merr.
Yamato-791616	7.29	H5	18.9(18.2-20.3)	16.3(15.8-16.6)		
Yamato-791617	8.93	H5	18.9(18.3-19.5)	16.5(15.8-16.9)		
Yamato-791618	6.70	H5	18.5(17.8-19.9)	16.0(15.5-16.4)		merr.
Yamato-791619	4.01					
Yamato-791620	5.86					
Yamato-791621	2.44					
Yamato-791622	1.91					
Yamato-791623	1.73					
Yamato-791624	1.07					
Yamato-791625	1.40					
Yamato-791626	1.32					
Yamato-791627	1.82	L6	24.2(23.7-25.6)	20.3(19.7-21.6)		merr.
Yamato-791628	4.95	L6	24.4(23.6-26.2)	20.6(19.8-22.7)		En46.1Fs8.8Wo45.0, En46.8Fs8.7Wo44.5, merr.
Yamato-791629	128.02	H4	18.6(17.6-19.5)	16.0(15.3-16.4)		
Yamato-791630	2243	L4	24.1(23.3-25.1)	20.3(19.5-21.3)		
Yamato-791631	12.30	H5	18.4(17.4-19.2)	16.2(15.7-17.3)		merr.
Yamato-791632	534.79	L5	24.1(23.4-25.1)	20.2(17.6-21.9)		
Yamato-791633	634.33	L4	24.1(23.4-25.2)	19.6(12.7-21.3)		merr.
Yamato-791634	333.77	L4	24.1(22.2-25.1)	20.9(19.7-23.9)		En74.8Fs19.9Wo5.3, ap.
Yamato-791635	653	L4	23.6(22.8-24.8)	19.9(19.1-21.8)		Pl(An25.2)
Yamato-791636	112.52	L4	24.2(23.7-25.5)	20.8(20.3-21.5)		
Yamato-791637	109.23	L4	24.2(23.4-25.4)	20.4(19.4-21.6)		
Yamato-791638	63.72	L4	23.9(23.3-24.8)	20.8(19.1-25.2)		merr.
Yamato-791639	13.66	H5	18.4(17.7-19.2)	16.0(15.1-16.5)		Pl(An10.1), merr.
Yamato-791640	8.69	H3	19.7(7.1-27.2)	9.3(1.3-20.7)		
Yamato-791641	5.37	L4	23.7(22.7-24.4)	20.5(18.9-22.6)		En58.8Fs12.6Wo28.5, merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791642	4.35	L4	24.3(23.5-25.3)	20.4(19.4-22.2)		ap.
Yamato-791643	2.85	L4	23.7(22.5-25.0)	19.6(17.2-20.7)		merr., ap.
Yamato-791644	134.58	L4	23.9(23.2-26.0)	20.2(18.7-21.2)		merr., ap.
Yamato-791645	55.95	L4	24.2(23.4-25.4)	20.2(19.4-21.2)		merr., ap.
Yamato-791646	12.59					
Yamato-791647	4.62					
Yamato-791648	5.48					
Yamato-791649	2.32					
Yamato-791650	0.78					
Yamato-791651	3.05		23.8(23.3-24.8)	19.8(16.7-20.4)		merr.
Yamato-791652	349.10	H6	18.0(16.9-18.4)	15.9(15.2-17.0)		Pl(An13.7), merr.
Yamato-791653	7.89	L4	23.6(22.9-24.4)	19.8(19.2-20.7)		merr., ap.
Yamato-791654	3.35	L4	23.8(22.7-24.9)	19.8(18.9-20.9)		En47.4Fs8.1Wo44.5
Yamato-791655	48.78	L4	24.0(23.3-26.3)	20.3(18.6-23.5)		merr.
Yamato-791656	9.96	LL3	16.4(2.1-38.2)	11.5(1.0-35.7)		
Yamato-791657	1.53	L3	18.5(4.8-39.6)	9.6(1.8-25.4)		
Yamato-791658	14.87	H4	18.1(16.9-20.3)	15.8(15.1-18.7)		En48.4Fs5.3Wo46.3, merr.
Yamato-791659	10.17	L4	24.1(23.2-26.1)	20.2(19.1-21.7)		
Yamato-791660	3.25	L4	23.7(22.9-24.9)	20.4(19.0-25.7)		
Yamato-791661	114.10	L4	23.7(22.3-25.3)	20.2(19.0-21.8)		
Yamato-791662	89.57	L4	23.6(23.1-25.2)	20.2(18.9-24.1)		En71.4Fs16.5Wo12.1, merr.
Yamato-791663	50.42	H4	18.1(17.3-18.5)	16.2(15.1-19.7)		merr., ap.
Yamato-791664	45.54	H4	18.3(17.3-19.6)	16.2(15.6-18.8)		merr., ap.
Yamato-791665	20.15	H4	18.1(17.4-18.7)	16.1(15.4-18.6)		En48.8Fs5.9Wo45.3
Yamato-791666	9.94	H4	18.3(17.5-20.3)	15.9(15.3-16.7)		
Yamato-791667	0.45					
Yamato-791668	732	LL4	28.1(26.7-29.4)	22.5(20.0-23.7)		En68.5Fs21.8Wo9.7, ap.
Yamato-791669	334.85	L4	23.8(22.4-24.9)	19.7(18.8-20.6)		merr.
Yamato-791670	541.72	L4	24.0(22.2-25.4)	20.1(18.8-23.2)		En72.8Fs18.5Wo8.7
Yamato-791671	13.29	L4	23.9(23.0-25.8)	20.2(19.1-24.3)		
Yamato-791672	5.13					
Yamato-791673	2.64	H4	18.1(17.0-18.6)	15.7(14.2-16.3)		
Yamato-791674	50.10	L4	23.8(23.1-24.3)	19.9(18.5-22.0)		
Yamato-791675	27.85	L4	24.5(23.4-34.7)	20.1(19.3-21.1)		
Yamato-791676	10.36					
Yamato-791677	473.05	L4	23.9(22.7-24.5)	20.1(18.6-20.8)		
Yamato-791678	259.10	L4	23.5(22.0-24.2)	19.5(18.7-20.3)		ap.
Yamato-791679	18.46					
Yamato-791680	284.98	L4	24.0(23.1-25.7)	20.0(19.4-20.5)		merr.
Yamato-791681	71.07	L4	23.7(22.9-25.2)	20.0(17.0-21.6)		ap.
Yamato-791682	123.73	L4	23.9(22.8-25.2)	20.0(19.2-21.2)		
Yamato-791683	96.60	L4	24.2(23.3-28.0)	20.3(19.3-22.2)		
Yamato-791684	33.01	H5	18.4(17.5-19.2)	16.3(14.9-19.5)		
Yamato-791685	27.02	H5	18.6(17.6-19.9)	16.2(15.3-18.3)		merr.
Yamato-791686	19.03	H5	18.4(17.6-19.3)	16.0(15.3-17.9)		with large opaque grain, merr.
Yamato-791687	6.82					
Yamato-791688	5.67					
Yamato-791689	2.68					
Yamato-791690	2.26					
Yamato-791691	1.06					
Yamato-791692	0.40					
Yamato-791693	3.03					
Yamato-791694	70.89	Ataxite				36%Ni
Yamato-791695	352.10	L4	23.7(22.9-24.5)	19.7(18.4-20.6)		En73.6Fs21.0Wo5.4
Yamato-791696	0.81	LL6	29.8(29.3-30.2)	24.5(23.6-25.2)		Pl(An10.2-11.0, 24.7), En45.2Fs9.6Wo45.3, ap.
Yamato-791697	1.44	L4	23.8(23.3-24.4)	20.1(18.5-21.4)		ap.
Yamato-791698	1.30					
Yamato-791699	2.91	H4	18.5(17.7-20.8)	16.2(14.2-17.7)		
Yamato-791700	1.39	L6	24.9(23.7-25.7)	20.6(19.8-21.4)		ap.
Yamato-791701	1.03					
Yamato-791702	0.69					
Yamato-791703	25.48	L4	23.3(22.3-24.0)	19.9(19.1-22.8)		
Yamato-791704	93.10	L4	23.9(22.3-24.6)	19.9(18.5-21.9)		
Yamato-791705	172.47	L4	23.7(23.1-24.6)	20.7(19.0-25.6)		
Yamato-791706	341.10	L4	23.9(23.0-24.6)	20.4(19.6-23.9)		ap.
Yamato-791707	55.81					
Yamato-791708	126.98	L4	24.1(22.7-26.2)	20.3(19.0-22.3)		merr., ap.
Yamato-791709	174.32	L4	24.0(23.0-24.8)	20.1(18.8-20.9)		
Yamato-791710	1607	L4	23.6(22.2-24.8)	20.1(18.9-22.2)		En73.0Fs18.6Wo8.5, merr.
Yamato-791711	28.91	L4	23.8(22.6-26.1)	20.2(18.6-23.9)		merr.
Yamato-791712	14.24					
Yamato-791713	2.79					
Yamato-791714	3.59					
Yamato-791715	13.39	L5	24.4(23.4-24.8)	20.7(20.0-21.6)		
Yamato-791716	193.21	H4	17.6(17.2-18.4)	15.5(12.7-17.6)		merr.
Yamato-791717	25322	CO3	14.6(0.2-65.6)	2.6(0.6-14.2)		Pl(An79.4), En88.8Fs1.4Wo9.8
Yamato-791718	184.01					
Yamato-791719	170.69					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791720	117.52					
Yamato-791721	9.80					
Yamato-791722	8.95					
Yamato-791723	7.13					
Yamato-791724	3.61					
Yamato-791725	47.07					
Yamato-791726	4.98	H4	18.5(17.8-19.2)	16.2(15.6-16.7)		merr.
Yamato-791727	18.17	L4	23.1(22.3-23.9)	19.7(18.8-21.1)		
Yamato-791728	48.20	H4	18.2(17.1-21.5)	15.7(14.2-17.7)		merr.
Yamato-791729	51.30	H4	18.3(17.6-19.3)	15.9(15.3-16.6)		
Yamato-791730	34.80					
Yamato-791731	24.83					
Yamato-791732	25.52					
Yamato-791733	15.59					
Yamato-791734	19.47					
Yamato-791735	11.79					
Yamato-791736	14.61					
Yamato-791737	15.34	H4	18.3(17.5-20.0)	15.9(15.1-17.3)		
Yamato-791738	9.38					
Yamato-791739	8.42					
Yamato-791740	14.54					
Yamato-791741	11.23					
Yamato-791742	1.84					
Yamato-791743	16.63	L6	24.7(23.7-25.6)	20.6(20.0-21.5)		merr.
Yamato-791744	20.73	L5	24.6(24.0-25.5)	20.5(20.1-21.7)		Pl(An9.8-13.8), En46.7Fs7.3Wo46.1
Yamato-791745	17.62	CO3	15.2(0.2-67.4)	3.2(0.5-16.5)		Pl(An76.2)
Yamato-791746	8.59	CO3	15.2(0.2-53.5)	4.6(0.5-12.8)		
Yamato-791747	5.84					
Yamato-791748	8.33	CO3	9.5(0.2-43.1)	5.3(0.4-39.8)		
Yamato-791749	2.01	H5	18.5(17.8-19.6)	16.0(15.1-17.0)		merr.
Yamato-791750	83.53	L4	24.1(23.2-26.1)	20.4(18.8-25.1)		merr.
Yamato-791751	23.72					
Yamato-791752	12.88					
Yamato-791753	13.64					
Yamato-791754	9.25					
Yamato-791755	7.70					
Yamato-791756	3.72					
Yamato-791757	3.83					
Yamato-791758	3.66					
Yamato-791759	3.17					
Yamato-791760	3.80					
Yamato-791761	3.81					
Yamato-791762	4.06					
Yamato-791763	1.91					
Yamato-791764	1.59					
Yamato-791765	1.33					
Yamato-791766	1.29					
Yamato-791767	1.31					
Yamato-791768	1.25					
Yamato-791769	0.94					
Yamato-791770	1.58					
Yamato-791771	156.43	L6	24.3(23.6-25.3)	20.5(19.8-21.3)		Pl(An10.5), En47.0Fs6.7Wo46.3, maskl.
Yamato-791772	7.18	L6	24.8(24.0-26.2)	20.7(19.3-23.9)		En46.3Fs6.6Wo47.1, En46.6Fs7.1Wo46.3
Yamato-791773	4.14	L6	24.4(23.3-26.1)	21.2(19.8-26.0)		Pl(An10.0)
Yamato-791774	37.50	H6	18.1(17.1-19.7)	15.9(15.4-16.4)		Pl(An13.7)
Yamato-791775	110.58	H	18.2(16.7-19.6)	16.0(13.4-17.0)		regolith breccia
Yamato-791776	2543	H6	18.5(18.1-19.1)	16.4(15.6-16.6)		Pl(An9.7)
Yamato-791777	43.81	H6	17.8(16.9-18.8)	15.8(15.2-16.3)		
Yamato-791778	7.74					
Yamato-791779	6.08	H6	18.1(17.2-18.8)	15.9(14.6-16.4)		
Yamato-791780	2.98					
Yamato-791781	409.53	L6	24.5(23.8-25.9)	20.5(18.8-21.7)		merr., maskl.
Yamato-791782	17.73					
Yamato-791783	323.21	H5	18.4(17.7-18.9)	15.8(14.5-16.9)		Pl(An31.7)
Yamato-791784	44.07	H5	18.1(17.3-18.7)	15.9(15.1-17.2)		Pl(An12.6)
Yamato-791785	8826	H5	18.3(17.3-20.1)	16.3(14.8-18.9)		
Yamato-791786	64.47	L5	24.4(22.9-25.1)	20.3(19.6-21.0)		Pl(An10.6)
Yamato-791787	37.38	H4	17.7(16.4-19.6)	15.5(14.4-17.0)		merr.
Yamato-791788	21.68	L6	24.1(23.2-25.2)	19.9(19.0-20.4)		shocked, Pl(An10.3), K-feld(Or91.4), merr.
Yamato-791789	2.55	L6	24.3(23.2-25.2)	20.5(19.9-21.3)		
Yamato-791790	31.64	E3	0.3	1.1(0.1-7.1)		
Yamato-791791	45.46	H4	17.0(16.2-18.1)	14.8(14.2-15.2)		
Yamato-791792	2.78	H5	18.2(17.4-19.5)	15.7(15.0-16.3)		
Yamato-791793	53.14	H4	18.7(17.5-19.4)	16.0(14.8-17.0)		
Yamato-791794	11.31	H4	18.2(17.3-18.8)	16.0(15.3-16.7)		
Yamato-791795	8.39	H4	18.1(17.6-19.1)	15.9(14.6-16.6)		
Yamato-791796	6.31	H4	18.5(17.9-18.9)	16.1(15.2-18.6)		
Yamato-791797	4.22	H4	18.4(17.6-19.4)	16.1(15.2-18.8)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791798	3.78					
Yamato-791799	1.08					
Yamato-791800	12.17	H4	18.4(16.8-20.3)	16.5(14.8-25.7)		
Yamato-791801	27.84	H4	18.2(17.3-19.0)	15.9(14.3-17.0)		
Yamato-791802	58.89	L4	23.8(23.1-24.8)	20.4(19.8-21.7)		
Yamato-791803	11.07					
Yamato-791804	9.32					
Yamato-791805	15.18	H4	16.8(16.3-17.2)	15.1(14.1-16.3)		merr.
Yamato-791806	11.88	H5	19.1(18.2-21.4)	16.7(15.7-17.0)		
Yamato-791807	2.93					
Yamato-791808	3.11					
Yamato-791809	0.49					
Yamato-791810	39.64	E4		1.3(0.6- 2.3)		SiO2
Yamato-791811	30.05	E4		1.3(0.3- 3.5)		SiO2
Yamato-791812	4.30					
Yamato-791813	1.63					
Yamato-791814	5.44	H4	19.0(18.3-20.2)	16.5(14.9-17.5)		En62.9 Fs10.4 Wo26.7, merr.
Yamato-791815	3.24	H4	18.3(17.5-18.9)	15.9(15.1-16.5)		En54.2 Fs6.9 Wo38.9
Yamato-791816	5.13	H4	18.5(17.5-19.2)	16.1(14.7-16.9)		
Yamato-791817	3.68					
Yamato-791818	1.32					
Yamato-791819	0.62					
Yamato-791820	572.12	H5	18.2(16.8-21.5)	16.0(14.9-19.1)		
Yamato-791821	662					
Yamato-791822	11.58					
Yamato-791823	8.72					
Yamato-791824	23.28	CM2	(0.4-34.0)	(0.7-1.5)		En63.9Fs0.9Wo35.3
Yamato-791825	29.15		12.2(0.3-35.2)	2.9(0.6-13.2)		Pl(An77.3), En63.1-87.2Fs0.5-5.8Wo7.0-36.4
Yamato-791826	115.35	Euc		(24.1-38.5)		Pl(An79.2-92.8), En28.4-71.5Fs24.1-57.0Wo4.1-25.5
Yamato-791827	9.02	Unique	36.9(12.2-42.2)	(3.2-19.6)		Pl(An6.1), En48.8Fs8.3Wo47.0, En42.2Fs11.3Wo46.5, cl
Yamato-791828	841	L3	21.7(6.2-25.4)	16.0(5.0-20.7)		
Yamato-791829	9.27	Dio(A)				
Yamato-791830	16.18	H5	18.4(17.6-19.3)	16.1(15.6-16.7)		merr.
Yamato-791831	14.73	L5	24.2(23.7-25.7)	20.2(19.1-20.6)		Pl(An9.4)
Yamato-791832	105.87	L5	24.3(23.7-25.0)	20.3(19.4-21.2)		
Yamato-791833	116.35	L5	24.0(23.2-25.1)	20.6(19.7-22.6)		
Yamato-791834	11.39	Euc(pol)		(17.4-71.2)		Pl(An79.3-95.0), En27.0-81.4Fs17.4-71.2Wo1.2-45.1
Yamato-791835	23.80	L3	13.5(0.5-31.8)	11.9(1.9-27.7)		
Yamato-791836	4.29	Iron				
Yamato-791837	12.52	H4	18.0(17.2-18.5)	16.1(15.5-21.2)		
Yamato-791838	16.00					
Yamato-791839	5.80	Ure	(17.1-25.4)	(12.6)		En68.8-82.9Fs10.0-15.8Wo4.5-21.0
			19.4(15.1-25.1)			dusty ol., dropped metal in troilite
			10.6(1.1-14.5)			euhedral ol in melt-portion
			5.5-10.1			ol in fusion crust
Yamato-791840	309.55	L4	24.3(23.2-24.8)	20.4(19.8-20.8)		En46.5Fs7.0Wo46.5, merr.
Yamato-791841	7.19	L5	24.1(23.1-25.4)	20.3(19.8-21.0)		
Yamato-791842	10.90	H4	18.3(17.5-19.0)	16.0(15.3-17.2)		
Yamato-791843	7.55	L3	24.0(4.0-26.6)	12.9(3.8-29.8)		En82.8Fs10.1Wo7.2
Yamato-791844	161.34	L5	24.0(23.4-25.0)	20.3(18.9-24.2)		merr.
Yamato-791845	1559	H6	18.3(17.3-20.0)	16.0(15.2-18.4)		Pl(An12.4), merr.
Yamato-791846	34.93	L4	23.9(23.1-26.3)	20.3(19.5-25.1)		
Yamato-791847	6.86	L6	24.2(23.4-25.0)	20.3(19.8-21.0)		Pl(An70)
Yamato-791848	2.95	H5	17.3(16.6-17.8)	15.1(14.4-15.7)		
Yamato-791849	41.57	H5	18.5(17.8-19.5)	16.3(15.1-19.2)		merr.
Yamato-791850	14.17	H5	17.9(17.4-18.3)	15.7(15.0-16.5)		Pl(An13.2), merr.
Yamato-791851	13.86	L5	25.2(24.4-25.6)	20.7(19.9-21.4)		
Yamato-791852	4.61	L5	24.0(23.5-24.7)	20.0(18.8-20.4)		
Yamato-791853	1.38	Mes	0.6-39.0	0.6-5.9		breccia, En67.2-98.7Fs0.6-5.9Wo0.5-29.1, metal-rich
Yamato-791854	0.87	E3		1.3(0.2-5.6)		
Yamato-791855	8.36	L6	24.1(23.0-24.7)	21.0(19.7-26.4)		ap.
Yamato-791856	26.11	H3	14.1(0.3-29.0)	9.0(1.6-21.5)		
Yamato-791857	116.34	H4	17.7(17.2-18.8)	15.4(14.8-16.8)		
Yamato-791858	2.14	H6	18.8(17.5-19.7)	16.4(15.8-17.6)		
Yamato-791859	57.20	H5	19.3(18.5-20.1)	16.9(15.4-18.1)		
Yamato-791860	25.16					
Yamato-791861	256.74	H6	19.2(18.1-22.8)	16.6(15.5-17.2)		
Yamato-791862	80.91	H6	18.6(17.7-19.5)	16.1(15.6-16.6)		Pl(An12.3), En49.1Fs6.1Wo44.7, merr.
Yamato-791863	27.15	H6	18.5(17.3-19.5)	16.3(15.5-18.4)		Pl(An13.3), En49.1Fs5.6Wo45.3, merr.
Yamato-791864	10.91	H6	18.5(17.4-19.0)	16.0(14.5-17.3)		En71.6Fs14.0Wo14.4
Yamato-791865	729	L6	24.1(23.0-25.1)	20.4(19.5-21.8)		merr., maskl.
Yamato-791866	51.40					
Yamato-791867	48.16					
Yamato-791868	68.34	H4	17.9(16.9-18.8)	15.6(10.9-17.0)		breccia
Yamato-791869	6784	H5	17.7(16.6-20.4)	16.8(14.1-21.1)		
Yamato-791870	404.14	H4	17.1(15.9-18.6)	15.0(14.2-16.0)		
Yamato-791871	40.58	H4	17.1(16.1-17.6)	15.0(14.0-15.9)		ap.
Yamato-791872	29.14	H4	17.3(16.8-19.0)	15.0(14.3-15.6)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791873	34.58	H4	17.1(15.9-17.9)	15.4(14.4-16.2)		merr.
Yamato-791874	25.72	H4	17.1(16.3-18.4)	15.1(14.5-15.8)		
Yamato-791875	15.29	H4	17.2(16.7-17.5)	15.3(14.7-15.9)		merr.
Yamato-791876	16.85	H4	17.4(16.2-19.1)	15.6(15.1-17.3)		merr.
Yamato-791877	8.12	H4	17.1(15.9-18.2)	15.2(14.6-16.7)		
Yamato-791878	8.35	H4	17.1(16.6-17.7)	15.1(14.3-15.6)		
Yamato-791879	97.96	H4	17.0(16.2-17.5)	15.0(13.9-15.9)		merr.
Yamato-791880	13.32	H4	16.9(16.4-17.5)	15.2(14.2-16.4)		
Yamato-791881	6.81					
Yamato-791882	6.65					
Yamato-791883	5.18					
Yamato-791884	5.09	H5	17.9(17.5-18.2)	15.7(15.3-16.8)		En50.3Fs5.8Wo43.8
Yamato-791885	4.82					
Yamato-791886	4.09					
Yamato-791887	4.98					
Yamato-791888	3.55					
Yamato-791889	3.68					
Yamato-791890	3.32					
Yamato-791891	4.14					
Yamato-791892	3.55					
Yamato-791893	3.55					
Yamato-791894	2.69					
Yamato-791895	2.43					
Yamato-791896	2.33					
Yamato-791897	3.26					
Yamato-791898	2.04					
Yamato-791899	1.95					
Yamato-791900	2.20					
Yamato-791901	1.98					
Yamato-791902	0.98					
Yamato-791903	1.50					
Yamato-791904	6.27					
Yamato-791905	1847	H5	18.4(17.6-21.3)	15.8(15.1-16.8)		
Yamato-791906	32.26	H4	18.1(17.3-19.3)	15.6(15.3-16.0)		merr.
Yamato-791907	23.52	H4	18.3(17.6-19.2)	15.8(15.3-16.1)		
Yamato-791908	7.75	H4	17.8(17.0-19.6)	15.7(14.9-16.5)		merr.
Yamato-791909	91.96	H4	18.5(17.8-19.3)	15.7(15.3-16.1)		ap.
Yamato-791910	18.61	L6	24.7(23.4-26.1)	20.3(19.6-21.0)		En47.4Fs7.8Wo44.9, ap.
Yamato-791911	6.40	H6	19.6(18.9-20.6)	17.0(16.2-17.6)		En47.6Fs6.9Wo45.4
Yamato-791912	20.27	H4	17.4(16.7-18.5)	15.2(14.8-15.9)		merr.
Yamato-791913	57.85	H5	17.9(17.3-18.5)	16.0(15.3-18.3)		Pl(An14.1)
Yamato-791914	22.45	H4	17.4(16.9-18.1)	15.4(14.4-16.1)		
Yamato-791915	3.47	H4	18.3(17.6-19.0)	16.0(15.2-17.6)		En58.3Fs8.6Wo33.1, merr.
Yamato-791916	47.98	H5	18.2(17.8-18.8)	15.9(15.0-16.9)		
Yamato-791917	136.70	H4	18.3(17.5-18.9)	16.1(15.4-16.8)		En61.8Fs9.1Wo29.1
Yamato-791918	134.80	H4	18.4(17.6-19.3)	15.9(15.5-16.6)		
Yamato-791919	108.81	H4	18.5(18.0-19.3)	16.1(15.6-16.9)		merr.
Yamato-791920	87.17	H4	18.5(18.1-18.7)	16.1(15.5-16.9)		merr.
Yamato-791921	7.63	L6	24.5(23.5-27.1)	20.8(20.1-22.8)		En47.5Fs8.2Wo44.3, merr., Pl-rich
Yamato-791922	23.65	H6	17.7(17.0-18.5)	15.5(14.8-15.9)		Pl(An13.5)
Yamato-791923	26.92	H4	18.9(18.0-20.0)	16.3(15.1-17.1)		
Yamato-791924	16.38	H4	16.4(15.9-17.1)	14.7(13.7-16.5)		merr.
Yamato-791925	1311	L4	25.3(24.7-26.3)	21.0(19.6-21.6)		
Yamato-791926	2602	H5	17.6(16.5-20.4)	15.3(13.7-16.1)		merr.
Yamato-791927	444.17	L6	23.9(23.0-24.8)	20.1(19.5-20.9)		
Yamato-791928	17.90	H4	18.3(17.5-22.7)	16.2(15.4-17.3)		
Yamato-791929	21.78	H6	18.6(18.0-19.2)	16.3(15.7-17.1)		
Yamato-791930	11.58	H4	18.3(17.7-18.8)	16.0(15.6-16.6)		merr.
Yamato-791931	260.06	H4	18.3(17.5-19.1)	16.0(14.8-17.0)		merr.
Yamato-791932	8.42	H4	18.5(17.6-19.9)	16.1(15.2-17.1)		En47.5Fs6.4Wo46.1, merr.
Yamato-791933	135.18	H6	18.5(17.7-19.1)	16.2(15.8-16.8)		
Yamato-791934	40.02	H4	18.7(18.1-19.4)	16.4(15.5-18.6)		
Yamato-791935	18.90					
Yamato-791936	22.61	H4	18.2(17.6-18.8)	15.8(14.7-16.5)		ap.
Yamato-791937	18.19	H4	18.6(18.0-19.4)	16.2(15.4-17.7)		
Yamato-791938	6.36	H4	18.5(17.9-19.9)	16.1(15.0-17.7)		merr.
Yamato-791939	3.47	L6	24.7(23.7-26.3)	20.8(19.5-25.5)		ap.
Yamato-791940	10.03	H4	18.9(18.3-19.7)	16.3(15.3-17.4)		merr.
Yamato-791941	18.79	H4	18.8(17.9-19.7)	16.0(15.2-16.7)		
Yamato-791942	3.59	H4	18.6(18.0-19.5)	16.0(15.5-16.6)		
Yamato-791943	1.60	H4	17.0(16.0-17.6)	15.2(14.4-16.2)		En75.5Fs12.9Wo11.6
Yamato-791944	1.78	H4	17.3(16.3-20.4)	15.2(14.5-16.2)		merr.
Yamato-791945	1.54	H4	17.1(16.5-18.2)	15.2(14.1-16.4)		
Yamato-791946	1.47	H4	17.0(15.9-17.9)	15.6(14.8-17.0)		
Yamato-791947	1.10	H4	17.2(15.5-21.0)	15.3(14.8-16.1)		
Yamato-791948	79.90	H4	18.5(17.8-19.0)	16.2(15.2-18.4)		En48.2Fs5.8Wo46.0
Yamato-791949	96.45	H	18.4(17.4-19.2)	16.0(14.9-17.6)		regolith breccia, Pl(An12.9)
Yamato-791950	9.49	H	18.3(17.2-19.3)	16.0(14.8-17.1)		regolith breccia

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-791951	9.55	H	18.5(17.4-19.5)	15.7(14.0-16.7)		regolith breccia
Yamato-791952	7.79	H6	18.0(17.2-18.8)	15.9(14.8-16.7)		Pl(An13.0)
Yamato-791953	2.17	L6	25.6(25.0-27.5)	21.1(20.3-21.7)		Pl(An10.2), En45.1Fs7.1Wo47.8
Yamato-791954	1.68	L6	24.4(23.5-25.3)	20.4(19.2-21.5)		Pl(An10.6-10.9)
Yamato-791955	0.55					
Yamato-791956	1015	L6	24.4(23.2-25.1)	20.4(19.0-21.2)		merr.
Yamato-791957	34.24	L6	24.6(23.0-25.5)	20.8(19.4-24.4)		merr., ap.
Yamato-791958	826	L6	24.7(23.9-25.4)	21.7(20.2-29.8)		En47.2Fs7.5Wo45.3, maskl., ap.
Yamato-791959	31.46	H4	17.7(17.2-18.1)	15.6(14.7-16.1)		
Yamato-791960	242.08	Euc	(81.7-83.1)	(20.8-61.0)		Pl(An79.4-95.2), En30.2-78.2Fs20.8-61.0Wo1.0-42.2
Yamato-791961	1387	L3	21.0(12.4-22.9)	14.6(2.4-31.5)		
Yamato-791962	299.65	Euc	(41.0-46.3)	(20.9-53.6)		Pl(An72.9-94.9), En42.0-76.9Fs20.9-53.6Wo1.4-11.8
Yamato-791963	194.68	H5	17.9(17.1-19.2)	15.8(15.3-16.2)		
Yamato-791964	12.35	L6	24.2(23.2-24.9)	20.4(19.7-21.1)		
Yamato-791965	43.65	H4	18.1(16.9-18.8)	16.1(14.6-17.1)		
Yamato-791966	4.81	H4	18.3(17.6-18.7)	15.7(15.0-16.4)		En79.3Fs15.0Wo5.7, merr.
Yamato-791967	5.85	H4	18.2(17.3-18.9)	15.9(15.3-16.5)		En48.1Fs6.3Wo45.6, En50.1Fs5.4Wo44.5, ap.
Yamato-791968	358.51	H4	18.8(18.1-19.8)	16.4(15.4-19.8)		merr.
Yamato-791969	135.85	H4	18.5(17.6-19.6)	16.2(15.0-17.5)		
Yamato-791970	248.38	H4	18.2(17.2-19.6)	16.2(14.9-20.9)		merr.
Yamato-791971	274.79	H4	18.6(17.9-20.1)	16.2(14.7-18.6)		
Yamato-791972	234.81	H4	18.5(17.8-19.0)	16.1(15.1-17.0)		merr.
Yamato-791973	199.87	H4	18.2(17.2-19.3)	15.8(15.2-16.3)		merr.
Yamato-791974	137.81	H4	18.3(17.2-20.8)	16.4(14.9-22.2)		
Yamato-791975	180.58	H4	18.1(17.3-18.1)	16.0(14.7-16.7)		En78.5Fs15.3Wo6.1, En54.3Fs3.4Wo42.3, merr.
Yamato-791976	173.77	H4	18.3(17.7-19.1)	16.2(15.3-19.7)		En77.8Fs13.7Wo8.5, merr.
Yamato-791977	165.17	H4	18.3(17.5-19.3)	16.2(15.7-17.3)		merr.
Yamato-791978	160.28	H4	18.2(17.7-19.4)	15.9(15.3-16.6)		merr.
Yamato-791979	100.33	H4	18.6(17.7-21.7)	15.9(14.9-16.8)		
Yamato-791980	125.81	H4	18.3(17.6-18.8)	15.9(15.1-16.5)		
Yamato-791981	103.73	H4	18.5(17.5-19.9)	15.9(15.1-18.2)		
Yamato-791982	100.42	H4	18.3(17.6-18.8)	15.9(15.1-16.8)		
Yamato-791983	105.42	H4	18.4(17.8-19.0)	16.3(15.7-19.8)		
Yamato-791984	71.47	H4	18.4(17.3-19.7)	15.9(14.6-18.5)		
Yamato-791985	90.55	H4	18.4(17.6-19.0)	15.9(15.2-16.9)		merr.
Yamato-791986	64.38	H4	18.3(17.7-18.6)	15.7(15.0-16.3)		merr.
Yamato-791987	86.85	H4	18.2(17.8-18.9)	15.9(14.7-17.7)		En79.5Fs14.8Wo5.7, merr.
Yamato-791988	112.26	H4	18.3(17.4-19.2)	15.8(15.2-16.6)		
Yamato-791989	79.94	H4	18.5(17.9-19.6)	16.1(15.3-17.1)		
Yamato-791990	77.60	H4	18.4(17.6-19.5)	16.1(15.5-16.9)		merr.
Yamato-791991	68.74	H4	18.3(17.5-18.8)	16.1(15.2-19.8)		
Yamato-791992	41.26	H4	18.4(17.5-20.3)	15.9(14.8-16.9)		merr.
Yamato-791993	39.91	H4	18.3(17.9-19.3)	16.0(15.1-17.0)		
Yamato-791994	39.35					
Yamato-791995	42.46					
Yamato-791996	45.38	H4	18.4(17.8-19.8)	16.2(15.5-16.9)		
Yamato-791997	36.79					
Yamato-791998	46.96					
Yamato-791999	35.52					
Yamato-792000	37.63	H4	18.4(17.3-18.7)	16.1(14.6-16.8)		merr.
Yamato-792001	41.73					
Yamato-792002	41.03					
Yamato-792003	45.19					
Yamato-792004	44.11	H4	18.3(17.6-19.1)	16.2(15.2-19.9)		
Yamato-792005	29.54					
Yamato-792006	18.09					
Yamato-792007	33.88					
Yamato-792008	15.44					
Yamato-792009	18.60					
Yamato-792010	26.99	H4	18.6(18.0-19.2)	15.9(14.8-18.3)		
Yamato-792011	16.67					
Yamato-792012	18.07					
Yamato-792013	20.18					
Yamato-792014	23.27	H4	18.6(17.8-20.5)	16.4(15.5-18.1)		En62.1Fs9.5Wo28.3, merr.
Yamato-792015	20.68					
Yamato-792016	25.80	H4	18.0(17.6-18.4)	15.7(15.2-16.2)		
Yamato-792017	14.79					
Yamato-792018	13.57					
Yamato-792019	15.45	H4	17.7(16.8-18.2)	15.6(15.0-16.5)		
Yamato-792020	13.44					
Yamato-792021	12.52					
Yamato-792022	17.51					
Yamato-792023	19.91					
Yamato-792024	18.52					
Yamato-792025	17.84	H4	18.1(17.4-18.6)	15.7(14.9-17.4)		merr.
Yamato-792026	12.26					
Yamato-792027	16.01					
Yamato-792028	9.10					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792029	10.52					
Yamato-792030	10.74					
Yamato-792031	8.02					
Yamato-792032	9.08					
Yamato-792033	46.65	H4	18.4(17.6-19.1)	15.8(14.8-16.9)		
Yamato-792034	37.36					
Yamato-792035	38.11					
Yamato-792036	39.25					
Yamato-792037	46.38	H4	18.3(17.7-18.8)	15.9(14.6-16.5)		
Yamato-792038	33.47					
Yamato-792039	27.40					
Yamato-792040	29.02					
Yamato-792041	35.31	H4	18.1(17.8-18.9)	15.9(14.9-16.7)		merr.
Yamato-792042	24.65					
Yamato-792043	21.53					
Yamato-792044	19.61					
Yamato-792045	18.14	H4	18.3(17.7-20.1)	16.2(15.0-19.8)		merr.
Yamato-792046	17.73					
Yamato-792047	13.69					
Yamato-792048	12.53					
Yamato-792049	25.85	H4	18.4(17.2-19.3)	15.9(14.8-16.8)		En77.9Fs14.9Wo7.2, ap.
Yamato-792050	19.75					
Yamato-792051	18.56					
Yamato-792052	15.85					
Yamato-792053	16.30					
Yamato-792054	14.53					
Yamato-792055	24.20	H4	18.3(17.2-18.8)	16.2(15.2-19.0)		En78.5Fs14.7Wo6.8, merr.
Yamato-792056	16.40					
Yamato-792057	15.27					
Yamato-792058	14.22					
Yamato-792059	13.17					
Yamato-792060	14.64	H4	18.3(17.5-19.6)	15.9(15.1-16.5)		ap.
Yamato-792061	11.99					
Yamato-792062	12.21					
Yamato-792063	20.42	H4	18.2(17.6-18.8)	15.9(15.2-17.0)		merr.
Yamato-792064	14.30					
Yamato-792065	13.05					
Yamato-792066	11.53					
Yamato-792067	15.08					
Yamato-792068	11.48					
Yamato-792069	16.82	H4	18.3(17.0-19.5)	15.9(15.2-16.8)		En79.3Fs15.4Wo5.3
Yamato-792070	9.28					
Yamato-792071	13.07					
Yamato-792072	8.20					
Yamato-792073	12.72					
Yamato-792074	9.18					
Yamato-792075	12.23					
Yamato-792076	6.35					
Yamato-792077	10.32	H4	18.2(17.0-19.2)	15.6(14.7-16.1)		
Yamato-792078	10.04					
Yamato-792079	7.68					
Yamato-792080	6.98					
Yamato-792081	9.41					
Yamato-792082	9.76					
Yamato-792083	10.09					
Yamato-792084	10.97	H4	18.1(17.4-18.8)	15.7(11.7-16.5)		
Yamato-792085	9.12					
Yamato-792086	5.60					
Yamato-792087	9.62					
Yamato-792088	7.19					
Yamato-792089	6.18					
Yamato-792090	6.40					
Yamato-792091	28.58	H4	18.3(17.7-19.0)	16.1(15.0-18.1)		merr.
Yamato-792092	10.69					
Yamato-792093	7.21	H4	18.6(18.0-19.2)	15.9(15.0-16.5)		
Yamato-792094	12.45					
Yamato-792095	16.66					
Yamato-792096	14.27					
Yamato-792097	15.84					
Yamato-792098	11.29					
Yamato-792099	8.59					
Yamato-792100	7.53	H4	18.1(17.1-19.3)	15.7(15.2-16.2)		ap.
Yamato-792101	13.74					
Yamato-792102	13.19					
Yamato-792103	8.10					
Yamato-792104	6.62					
Yamato-792105	8.01					
Yamato-792106	6.54					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792107	8.78					
Yamato-792108	4.99					
Yamato-792109	5.03					
Yamato-792110	4.81					
Yamato-792111	16.57	H4	18.2(17.0-18.9)	15.7(15.3-16.3)		
Yamato-792112	10.68					
Yamato-792113	6.60					
Yamato-792114	8.37					
Yamato-792115	12.38					
Yamato-792116	7.68					
Yamato-792117	7.82					
Yamato-792118	11.71					
Yamato-792119	10.83	H4	18.2(17.4-18.7)	15.9(15.1-16.4)		
Yamato-792120	8.29					
Yamato-792121	7.78					
Yamato-792122	4.99					
Yamato-792123	7.33					
Yamato-792124	7.75					
Yamato-792125	4.31					
Yamato-792126	5.24					
Yamato-792127	10.06	H4	18.2(17.7-18.8)	15.8(15.1-17.4)		
Yamato-792128	5.93					
Yamato-792129	6.35					
Yamato-792130	2.85					
Yamato-792131	20.94	H4	18.4(17.7-19.0)	16.2(15.5-17.5)		
Yamato-792132	8.54					
Yamato-792133	8.84					
Yamato-792134	7.40					
Yamato-792135	8.31					
Yamato-792136	9.90					
Yamato-792137	7.76					
Yamato-792138	11.58	H4	18.4(17.6-19.1)	16.0(15.7-16.4)		
Yamato-792139	11.30					
Yamato-792140	6.92					
Yamato-792141	13.55					
Yamato-792142	7.07					
Yamato-792143	7.71					
Yamato-792144	9.30					
Yamato-792145	5.38					
Yamato-792146	4.74					
Yamato-792147	5.65					
Yamato-792148	6.94					
Yamato-792149	11.06	H4	18.7(18.2-19.1)	16.6(15.1-17.4)		
Yamato-792150	5.93					
Yamato-792151	7.72					
Yamato-792152	6.04					
Yamato-792153	6.85					
Yamato-792154	6.71					
Yamato-792155	6.25					
Yamato-792156	4.20					
Yamato-792157	7.34					
Yamato-792158	6.70					
Yamato-792159	6.14					
Yamato-792160	6.69					
Yamato-792161	8.84					
Yamato-792162	5.23					
Yamato-792163	7.13					
Yamato-792164	4.00					
Yamato-792165	5.95					
Yamato-792166	8.13					
Yamato-792167	4.61					
Yamato-792168	4.76					
Yamato-792169	6.14					
Yamato-792170	5.64					
Yamato-792171	4.73					
Yamato-792172	4.85					
Yamato-792173	5.49					
Yamato-792174	4.54					
Yamato-792175	3.51					
Yamato-792176	6.01					
Yamato-792177	5.15					
Yamato-792178	5.15					
Yamato-792179	4.21					
Yamato-792180	3.57					
Yamato-792181	8.10					
Yamato-792182	10.36					
Yamato-792183	7.39					
Yamato-792184	7.06					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792185	7.35					
Yamato-792186	6.46					
Yamato-792187	4.66					
Yamato-792188	4.62					
Yamato-792189	4.41					
Yamato-792190	6.72					
Yamato-792191	3.59					
Yamato-792192	5.26					
Yamato-792193	3.47					
Yamato-792194	3.43					
Yamato-792195	4.10					
Yamato-792196	4.67					
Yamato-792197	3.33					
Yamato-792198	4.07					
Yamato-792199	3.40					
Yamato-792200	3.69					
Yamato-792201	5.34					
Yamato-792202	3.84					
Yamato-792203	2.12					
Yamato-792204	3.23					
Yamato-792205	3.84					
Yamato-792206	4.32					
Yamato-792207	2.87					
Yamato-792208	4.85					
Yamato-792209	1.96					
Yamato-792210	2.17					
Yamato-792211	2.78					
Yamato-792212	2.38					
Yamato-792213	2.76					
Yamato-792214	2.48					
Yamato-792215	2.43					
Yamato-792216	3.30					
Yamato-792217	2.21					
Yamato-792218	2.92					
Yamato-792219	2.68					
Yamato-792220	1.62					
Yamato-792221	2.12					
Yamato-792222	1.91					
Yamato-792223	1.86					
Yamato-792224	1.85					
Yamato-792225	1.66					
Yamato-792226	2.00					
Yamato-792227	1.38					
Yamato-792228	0.96					
Yamato-792229	1.60					
Yamato-792230	1.31					
Yamato-792231	6.64					
Yamato-792232	9.39					
Yamato-792233	4.88					
Yamato-792234	4.67					
Yamato-792235	1.99					
Yamato-792236	5.40					
Yamato-792237	2.06					
Yamato-792238	2.43					
Yamato-792239	6.29					
Yamato-792240	5.36					
Yamato-792241	5.84					
Yamato-792242	3.69					
Yamato-792243	3.49					
Yamato-792244	2.79					
Yamato-792245	2.37					
Yamato-792246	2.41					
Yamato-792247	2.12					
Yamato-792248	2.19					
Yamato-792249	2.13					
Yamato-792250	1.42					
Yamato-792251	6.50					
Yamato-792252	3.34					
Yamato-792253	9.06					
Yamato-792254	4.21					
Yamato-792255	3.39					
Yamato-792256	2.11					
Yamato-792257	2.26					
Yamato-792258	2.36					
Yamato-792259	3.35					
Yamato-792260	6.20					
Yamato-792261	6.29					
Yamato-792262	4.88					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792263	3.14					
Yamato-792264	2.24					
Yamato-792265	3.74					
Yamato-792266	3.82					
Yamato-792267	2.83					
Yamato-792268	3.45					
Yamato-792269	2.88					
Yamato-792270	2.57					
Yamato-792271	3.84					
Yamato-792272	2.14					
Yamato-792273	2.80					
Yamato-792274	2.80					
Yamato-792275	1.97					
Yamato-792276	2.14					
Yamato-792277	2.63					
Yamato-792278	3.21					
Yamato-792279	1.93					
Yamato-792280	2.43					
Yamato-792281	2.75					
Yamato-792282	2.25					
Yamato-792283	4.58					
Yamato-792284	2.19					
Yamato-792285	3.79					
Yamato-792286	3.91					
Yamato-792287	1.70					
Yamato-792288	1.60					
Yamato-792289	3.51					
Yamato-792290	1.63					
Yamato-792291	5.73					
Yamato-792292	4.07					
Yamato-792293	5.22					
Yamato-792294	5.59					
Yamato-792295	3.67					
Yamato-792296	2.96					
Yamato-792297	4.25					
Yamato-792298	3.37					
Yamato-792299	3.17					
Yamato-792300	3.15					
Yamato-792301	2.45					
Yamato-792302	2.02					
Yamato-792303	2.31					
Yamato-792304	3.20					
Yamato-792305	3.21					
Yamato-792306	3.69					
Yamato-792307	2.55					
Yamato-792308	2.76					
Yamato-792309	2.42					
Yamato-792310	3.37					
Yamato-792311	2.56					
Yamato-792312	3.28					
Yamato-792313	2.54					
Yamato-792314	2.06					
Yamato-792315	2.46					
Yamato-792316	2.35					
Yamato-792317	2.76					
Yamato-792318	2.76					
Yamato-792319	2.05					
Yamato-792320	2.41					
Yamato-792321	2.90					
Yamato-792322	1.95					
Yamato-792323	2.88					
Yamato-792324	2.59					
Yamato-792325	1.68					
Yamato-792326	1.92					
Yamato-792327	1.88					
Yamato-792328	2.20					
Yamato-792329	3.36					
Yamato-792330	2.53					
Yamato-792331	1.87					
Yamato-792332	1.91					
Yamato-792333	2.03					
Yamato-792334	2.33					
Yamato-792335	1.75					
Yamato-792336	2.12					
Yamato-792337	2.14					
Yamato-792338	1.71					
Yamato-792339	1.60					
Yamato-792340	1.35					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792341	143.02	H6	19.1(18.3-19.4)	16.6(15.1-17.5)		
Yamato-792342	22.55	H4	18.8(18.0-20.0)	16.2(15.4-16.9)		En77.5Fs15.5Wo7.0
Yamato-792343	34.06	H6	18.9(17.3-19.6)	16.6(15.3-18.1)		Pl(An11.4, 11.7)
Yamato-792344	8.82	H4	18.4(17.7-18.9)	17.1(16.0-19.2)		Pl(An11.5)
Yamato-792345	2.57					
Yamato-792346	2.37	H4	17.6(16.7-18.6)	15.4(14.2-16.4)		
Yamato-792347	2.82	L6	24.2(23.2-25.2)	20.7(19.8-23.7)		
Yamato-792348	2.99	H5	18.3(17.8-18.8)	15.9(14.5-16.4)		En49.0Fs5.8Wo45.3
Yamato-792349	1.63	L6	24.9(24.3-25.7)	20.9(20.2-22.7)		En46.8-47.7Fs7.2-7.7Wo46-44.6, ap.
Yamato-792350	1.87					
Yamato-792351	1.34					
Yamato-792352	2.05					
Yamato-792353	0.59					
Yamato-792354	2.00					
Yamato-792355	1.19					
Yamato-792356	2.21					
Yamato-792357	2.54					
Yamato-792358	1.96					
Yamato-792359	1.95					
Yamato-792360	1.68					
Yamato-792361	1.54					
Yamato-792362	1.36					
Yamato-792363	1.70					
Yamato-792364	1.72					
Yamato-792365	1.54					
Yamato-792366	1.26					
Yamato-792367	1.98					
Yamato-792368	1.71					
Yamato-792369	1.92					
Yamato-792370	1.71					
Yamato-792371	2.10					
Yamato-792372	1.60					
Yamato-792373	1.90					
Yamato-792374	1.50					
Yamato-792375	1.34					
Yamato-792376	1.51					
Yamato-792377	1.37					
Yamato-792378	1.82					
Yamato-792379	1.28					
Yamato-792380	1.87					
Yamato-792381	1.10					
Yamato-792382	1.26					
Yamato-792383	1.56					
Yamato-792384	1.45					
Yamato-792385	1.15					
Yamato-792386	1.29					
Yamato-792387	1.72					
Yamato-792388	1.52					
Yamato-792389	1.19					
Yamato-792390	1.46					
Yamato-792391	1.95					
Yamato-792392	2.08					
Yamato-792393	1.96					
Yamato-792394	1.33					
Yamato-792395	1.83					
Yamato-792396	1.94					
Yamato-792397	1.61					
Yamato-792398	0.68					
Yamato-792399	1.18					
Yamato-792400	1.38					
Yamato-792401	1.61					
Yamato-792402	1.32					
Yamato-792403	0.78					
Yamato-792404	1.30					
Yamato-792405	1.60					
Yamato-792406	1.18					
Yamato-792407	1.71					
Yamato-792408	1.36					
Yamato-792409	1.49					
Yamato-792410	1.36					
Yamato-792411	1.12					
Yamato-792412	1.13					
Yamato-792413	1.37					
Yamato-792414	0.91					
Yamato-792415	1.32					
Yamato-792416	0.77					
Yamato-792417	1.33					
Yamato-792418	1.30					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792419	1.54					
Yamato-792420	1.38					
Yamato-792421	1.72					
Yamato-792422	1.51					
Yamato-792423	1.07					
Yamato-792424	1.09					
Yamato-792425	1.74					
Yamato-792426	0.92					
Yamato-792427	1.03					
Yamato-792428	1.40					
Yamato-792429	1.35					
Yamato-792430	1.24					
Yamato-792431	1.54					
Yamato-792432	1.06					
Yamato-792433	0.86					
Yamato-792434	1.05					
Yamato-792435	1.30					
Yamato-792436	1.00					
Yamato-792437	0.68					
Yamato-792438	1.01					
Yamato-792439	0.94					
Yamato-792440	0.94					
Yamato-792441	1.15					
Yamato-792442	1.29					
Yamato-792443	1.07					
Yamato-792444	1.21					
Yamato-792445	0.97					
Yamato-792446	0.97					
Yamato-792447	1.19					
Yamato-792448	0.92					
Yamato-792449	1.17					
Yamato-792450	0.84					
Yamato-792451	0.81					
Yamato-792452	0.82					
Yamato-792453	0.82					
Yamato-792454	0.96					
Yamato-792455	1.26					
Yamato-792456	0.72					
Yamato-792457	1.22					
Yamato-792458	0.88					
Yamato-792459	1.09					
Yamato-792460	1.05					
Yamato-792461	0.96					
Yamato-792462	0.69					
Yamato-792463	0.78					
Yamato-792464	0.96					
Yamato-792465	0.39					
Yamato-792466	0.77					
Yamato-792467	0.71					
Yamato-792468	0.89					
Yamato-792469	0.95					
Yamato-792470	0.58					
Yamato-792471	0.84					
Yamato-792472	0.83					
Yamato-792473	0.68					
Yamato-792474	0.66					
Yamato-792475	0.92					
Yamato-792476	0.61					
Yamato-792477	0.64					
Yamato-792478	0.59					
Yamato-792479	0.69					
Yamato-792480	0.80					
Yamato-792481	0.70					
Yamato-792482	0.67					
Yamato-792483	0.85					
Yamato-792484	0.72					
Yamato-792485	0.88					
Yamato-792486	0.56					
Yamato-792487	1.56					
Yamato-792488	0.51					
Yamato-792489	0.59					
Yamato-792490	0.63					
Yamato-792491	1.56					
Yamato-792492	0.67					
Yamato-792493	0.72					
Yamato-792494	0.38					
Yamato-792495	0.67					
Yamato-792496	0.56					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792497	0.73					
Yamato-792498	0.37					
Yamato-792499	0.91					
Yamato-792500	0.59					
Yamato-792501	0.53					
Yamato-792502	0.49					
Yamato-792503	0.42					
Yamato-792504	48.04					
Yamato-792505	11.56					
Yamato-792506	531.59	H4	18.3(17.5-19.3)	16.1(14.7-18.4)		
Yamato-792507	27.88	L4	24.1(23.0-24.8)	20.3(19.2-22.8)		
Yamato-792508	20.71	L6	24.5(22.9-25.6)	20.5(19.8-21.5)		Pl(An9.7)
Yamato-792509	1.01	L6	24.1(23.6-25.8)	20.1(18.7-20.8)		En48.3Fs7.5Wo44.2
Yamato-792510	608.73	Euc		(59.9-64.4)		crystalline. Pl(An80.5-88.9Or0.3-0.9) En28.6-36.9Fs26.4-64.4Wo1.3-43.9
Yamato-792511	49.22	Euc		(58.6-62.9)		crystalline. Pl(An81.2-90.3Or0.2-1.0) En29.2-38.2Fs29.2-62.9Wo1.6-44.0
Yamato-792512	128.45	L6	24.2(23.5-25.1)	20.0(19.3-20.7)		En48.3Fs7.9Wo43.8
Yamato-792513	3.60	H5	18.7(17.9-19.2)	16.2(15.2-16.9)		Pl(An11.1-12.6)
Yamato-792514	1.08	L4	24.1(23.0-25.5)	20.5(19.4-22.0)		Pl(An10.3)
Yamato-792515	3.28	L5	24.1(23.5-24.5)	20.5(19.6-27.1)		
Yamato-792516	148.64	H4	18.3(17.6-19.1)	16.0(15.3-17.2)		ap., merr.
Yamato-792517	141.95	H4	18.4(17.1-18.9)	15.9(14.9-17.0)		
Yamato-792518	0.87	CR2	1.8(0.5-4.5)	2.0(0.6-5.4)		Pl(An94.7)
Yamato-792519	571.43	L6	24.5(23.1-25.8)	20.5(19.7-21.1)		Pl(An10.1), En47.3-47.5Fs6.1-9.0Wo43.7-46.4
		L4	23.4(22.3-24.9)	19.8(18.3-23.0)		
Yamato-792520	127.90	L6	24.5(22.8-26.5)	20.5(19.5-21.4)		
Yamato-792521	438.85	H4	18.6(17.7-19.5)	15.9(15.5-16.4)		En48.4Fs5.4Wo46.2, merr., ap.
Yamato-792522	371.63	H4	18.1(17.4-18.7)	15.9(15.7-16.1)		
Yamato-792523	232.24	H5	17.9(16.5-18.4)	15.8(15.1-17.7)		
Yamato-792524	126.03	H4	18.3(17.6-19.1)	15.6(14.5-16.4)		
Yamato-792525	85.28	H4	18.4(17.2-20.3)	16.0(14.5-17.7)		
Yamato-792526	104.19	H4	18.2(17.0-19.0)	15.9(15.0-17.1)		merr.
Yamato-792527	76.84	H4	18.4(17.5-19.1)	15.9(14.6-16.9)		merr.
Yamato-792528	55.49	H4	18.5(17.6-20.1)	16.6(15.3-19.4)		
Yamato-792529	48.03	H4	18.6(17.9-21.0)	16.1(15.5-17.3)		Pl(An26.1, 31.9), merr.
Yamato-792530	53.92	H5	17.9(17.1-19.0)	15.7(14.6-16.5)		
Yamato-792531	43.41	H4	18.3(17.0-19.3)	16.3(15.3-19.5)		merr.
Yamato-792532	49.64	H5	18.1(17.2-19.7)	16.3(15.3-21.9)		En78.8Fs15.5Wo5.7, ap., merr.
Yamato-792533	46.13	H5	18.1(16.8-18.8)	15.9(15.0-16.6)		En79.1Fs14.5Wo6.4
Yamato-792534	40.30	H5	18.1(17.2-19.2)	15.9(14.7-19.3)		Pl(An13.2), merr.
Yamato-792535	36.00	H4	18.3(17.0-19.2)	16.4(15.1-20.3)		
Yamato-792536	26.86	H4	18.4(17.6-19.6)	16.3(15.2-19.2)		
Yamato-792537	27.75	H5	17.6(18.3-19.9)	16.0(14.9-18.0)		merr.
Yamato-792538	27.50	H4	18.5(17.9-20.8)	16.3(15.6-16.8)		En73.5Fs12.8Wo13.7
Yamato-792539	31.36	H5	17.9(17.1-18.7)	16.1(15.4-16.6)		
Yamato-792540	24.77	H5	18.2(17.5-19.2)	16.1(15.2-17.6)		
Yamato-792541	25.29	H4	18.2(17.6-18.6)	16.0(15.2-18.4)		En51.7Fs6.9Wo41.4, ap., merr.
Yamato-792542	19.65	H5	18.2(17.5-19.6)	15.9(15.1-16.3)		merr.
Yamato-792543	17.22	H4	18.5(17.9-19.3)	16.4(15.9-16.9)		En50.4Fs13.1Wo36.4, merr.
Yamato-792544	18.34	H4	18.4(17.7-19.2)	16.1(15.1-17.5)		merr., ap.
Yamato-792545	15.22	H4	20.4(17.7-49.0)	16.1(15.6-16.5)		merr.
Yamato-792546	15.01	H5	18.1(17.2-18.9)	15.9(15.0-16.9)		merr.
Yamato-792547	15.21	H4	18.3(17.8-18.9)	16.2(15.7-18.2)		
Yamato-792548	13.81					
Yamato-792549	13.29					
Yamato-792550	13.81					
Yamato-792551	13.86					
Yamato-792552	10.06					
Yamato-792553	8.93					
Yamato-792554	10.84					
Yamato-792555	9.97					
Yamato-792556	7.05					
Yamato-792557	8.65					
Yamato-792558	9.93	H5	18.3(17.4-19.1)	16.1(15.6-16.6)		En54.6Fs7.7Wo37.8
Yamato-792559	8.50					
Yamato-792560	9.14					
Yamato-792561	14.15					
Yamato-792562	11.85					
Yamato-792563	8.46					
Yamato-792564	7.27					
Yamato-792565	8.27					
Yamato-792566	6.08					
Yamato-792567	4.88					
Yamato-792568	9.77					
Yamato-792569	5.45					
Yamato-792570	7.63					
Yamato-792571	5.14					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792572	6.10					
Yamato-792573	6.49					
Yamato-792574	6.10					
Yamato-792575	4.89					
Yamato-792576	5.51					
Yamato-792577	6.53					
Yamato-792578	6.23					
Yamato-792579	8.04					
Yamato-792580	6.76					
Yamato-792581	7.61					
Yamato-792582	6.61					
Yamato-792583	5.09					
Yamato-792584	3.64					
Yamato-792585	5.38					
Yamato-792586	4.93					
Yamato-792587	2.78					
Yamato-792588	4.24					
Yamato-792589	5.75					
Yamato-792590	4.06					
Yamato-792591	2.60					
Yamato-792592	3.07					
Yamato-792593	4.67					
Yamato-792594	3.68					
Yamato-792595	3.61					
Yamato-792596	3.51					
Yamato-792597	4.11					
Yamato-792598	3.72					
Yamato-792599	3.84					
Yamato-792600	3.81					
Yamato-792601	3.76					
Yamato-792602	3.04					
Yamato-792603	2.83					
Yamato-792604	2.69					
Yamato-792605	2.68					
Yamato-792606	2.70					
Yamato-792607	2.95					
Yamato-792608	2.50					
Yamato-792609	2.95					
Yamato-792610	2.78					
Yamato-792611	2.93					
Yamato-792612	2.25					
Yamato-792613	2.27					
Yamato-792614	2.98					
Yamato-792615	3.19					
Yamato-792616	3.02					
Yamato-792617	3.04					
Yamato-792618	2.45					
Yamato-792619	2.72					
Yamato-792620	1.82					
Yamato-792621	2.07					
Yamato-792622	1.44					
Yamato-792623	2.29					
Yamato-792624	2.57					
Yamato-792625	1.94					
Yamato-792626	1.81					
Yamato-792627	2.83					
Yamato-792628	3.12					
Yamato-792629	2.30					
Yamato-792630	2.32					
Yamato-792631	2.00					
Yamato-792632	1.87					
Yamato-792633	1.73					
Yamato-792634	1.72					
Yamato-792635	1.37					
Yamato-792636	1.25					
Yamato-792637	1.19					
Yamato-792638	1.37					
Yamato-792639	1.06					
Yamato-792640	1.08					
Yamato-792641	1.42					
Yamato-792642	0.67					
Yamato-792643	0.97					
Yamato-792644	4.30					
Yamato-792645	5.32	H5	18.2(17.4-19.3)	16.2(15.2-19.2)		En73.7Fs17.5Wo8.9
Yamato-792646	4.92					
Yamato-792647	3.43					
Yamato-792648	2.73					
Yamato-792649	2.73					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792650	2.60					
Yamato-792651	2.21					
Yamato-792652	0.68					
Yamato-792653	1.41					
Yamato-792654	1.89					
Yamato-792655	2.03					
Yamato-792656	1.67					
Yamato-792657	0.96					
Yamato-792658	1.05					
Yamato-792659	1.00					
Yamato-792660	10.04					
Yamato-792661	137.96	H4	18.3(17.7-20.6)	16.1(15.0-18.0)		merr.
Yamato-792662	202.71	H4	18.6(17.8-19.4)	16.3(15.3-20.2)		
Yamato-792663	9.45	Ure	(14.6-23.4) (4.0-23.3)	(8.4-14.5)		strong recrystallization En80.0-87.2Fs6.1-12.9Wo3.3-13.5
Yamato-792664	6.23	H6	19.1(17.7-22.1)	17.1(14.7-21.2)		Pl(An12.1, 29.7)
Yamato-792665	11.27	H4	18.4(17.5-19.6)	16.4(14.8-22.0)		En79.1Fs15.4Wo5.5
Yamato-792666	9.10	H4	18.6(17.6-20.3)	16.4(15.2-19.8)		merr.
Yamato-792667	16.30	L6	24.5(23.4-25.2)	20.8(19.6-21.4)		En46.9-47.5Fs8.3-8.6Wo44.2-44.6, merr.
Yamato-792668	216.72	L4	23.7(23.0-25.2)	19.8(18.8-21.4)		merr.
Yamato-792669	355.84	L6	24.2(23.5-25.2)	20.2(18.6-20.9)		merr., maskl.
Yamato-792670	119.36	L3	24.5(14.4-26.8)	13.8(2.6-36.1)		
Yamato-792671	5.56	H4	18.6(17.6-19.4)	16.7(15.5-25.8)		
Yamato-792672	6.90	H6	18.8(18.5-19.2)	16.5(15.8-17.4)		Pl(An12.5), En47.6Fs6.2Wo46.2, En47.7Fs6.2Wo46.1
Yamato-792673	28.50	L6	24.6(23.9-25.3)	20.7(19.8-21.3)		Pl(An11.9, 10.1), En70.6Fs13.1Wo16.3, En48.2Fs7.3Wo44.6
Yamato-792674	15.41	H4	17.5(16.6-18.3)	15.6(5.4-18.4)		En65.8Fs10.5Wo23.7
Yamato-792675	6.53	H3	18.3(17.1-23.0)	15.3(9.1-21.3)		En76.6Fs16.6Wo6.8,En54.6Fs7.0Wo34.8
Yamato-792676	7.88					
Yamato-792677	2.22					
Yamato-792678	1.25					
Yamato-792679	122.87	H4	18.5(17.8-19.2)	16.2(15.2-19.1)		
Yamato-792680	134.16	L6	24.5(23.6-25.7)	20.4(19.5-21.7)		En47.8Fs7.2Wo45.0,ap.
Yamato-792681	11.21	H4	18.3(16.9-18.8)	15.7(12.7-16.4)		
Yamato-792682	9.52	L6	24.5(23.4-25.0)	20.8(20.1-23.0)		En46.9Fs8.2Wo44.8, En46.7Fs7.7Wo45.6,ap., merr.
Yamato-792683	0.96	L6	24.4(23.6-25.3	20.1(18.7-20.9)		Pl(An10.0, 10.3, 11.0)
Yamato-792684	25.58	H4	19.1(13.2-22.0)	15.7(9.8-19.4)		En59.0Fs5.3Wo35.7, merr.
Yamato-792685	72.37	H4	18.8(17.5-19.4)	16.5(15.6-17.6)		
Yamato-792686	39.87	H4	18.8(18.1-19.4)	16.3(15.3-19.5)		merr.
Yamato-792687	10.14	H4	18.7(17.8-21.9)	16.4(15.7-18.2)		
Yamato-792688	48.01	H4	17.5(17.1-17.9)	15.7(14.5-19.3)		Pl(An17.2)
Yamato-792689	12.39	H4	19.2(18.4-19.9)	16.9(14.4-18.9)		
Yamato-792690	10.89	H4	19.1(18.5-19.7)	17.2(15.6-23.2)		En75.7Fs16.1Wo8.1
Yamato-792691	1.31	H4	17.8(16.7-18.9)	15.8(14.3-17.2)		En49.2Fs4.9Wo45.8, merr.
Yamato-792692	39.16	H5	18.7(17.9-20.1)	16.1(15.6-16.9)		
Yamato-792693	30.77	H4	18.8(18.1-19.9)	16.6(15.6-19.4)		
Yamato-792694	12.36	H4	18.7(18.0-20.6)	16.3(15.6-16.7)		En76.1Fs18.5Wo5.4, merr.
Yamato-792695	4.87	H4	18.8(17.8-20.1)	16.4(15.2-18.6)		
Yamato-792696	1.83	L5	24.4(23.4-26.4)	20.4(19.6-22.2)		
Yamato-792697	1.27					
Yamato-792698	10.79	H4	18.6(17.8-19.8)	16.2(15.7-17.2)		merr.
Yamato-792699	12.95	H4	18.8(17.8-20.4)	16.6(15.8-18.6)		ap., merr
Yamato-792700	5.61	H4	18.6(17.7-19.2)	16.3(15.0-18.2)		ap.
Yamato-792701	4.92					
Yamato-792702	6.22	H4	18.8(18.2-20.3)	16.2(14.9-19.1)		merr.
Yamato-792703	4.82					
Yamato-792704	5.17	H4	18.7(18.2-19.2)	16.1(15.2-17.1)		En50.1Fs14.5Wo35.4, merr.
Yamato-792705	3.86					
Yamato-792706	4.02					
Yamato-792707	3.55					
Yamato-792708	3.22					
Yamato-792709	3.61	H4	18.6(18.1-19.3)	16.7(15.8-18.9)		ap.
Yamato-792710	2.71					
Yamato-792711	2.61					
Yamato-792712	4.25	H4	18.6(17.4-19.4)	16.4(15.5-18.9)		
Yamato-792713	1.50					
Yamato-792714	0.33					
Yamato-792715	29.42	L6	24.2(22.9-25.6)	21.0(19.9-23.0)		En46.8Fs7.5Wo45.7, ap.
Yamato-792716	25.74	H4	18.5(17.7-19.9)	16.4(14.9-19.0)		
Yamato-792717	26.61	H4	18.5(17.9-19.7)	16.2(15.5-18.6)		
Yamato-792718	25.78	H4	18.4(17.7-19.2)	16.0(15.2-19.2)		merr.
Yamato-792719	12.11	H4	18.4(17.5-19.6)	16.1(15.1-16.9)		merr.
Yamato-792720	3.91	L6	24.6(23.3-26.3)	21.1(20.2-23.7)		ap.
Yamato-792721	2.15					
Yamato-792722	1.63					
Yamato-792723	1.43					
Yamato-792724	1.40	H6	18.5(17.8-19.2)	16.3(15.8-16.8)		
Yamato-792725	1.08					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792726	0.91					
Yamato-792727	0.65	L6	24.8(24.0-26.0)	20.3(19.5-22.3)		Pl(An9.9-10.7), En46.5Fs7.0Wo46.5
Yamato-792728	12.98	H4	18.2(17.6-18.6)	16.0(15.2-19.3)		
Yamato-792729	2.59	H4	18.5(17.4-20.0)	16.1(15.3-16.6)		merr.
Yamato-792730	7.41	L6	24.4(22.9-25.8)	20.7(19.8-22.7)		En47.3Fs7.3Wo45.4, En47.6Fs8.2Wo44.2
Yamato-792731	8.61	L6	24.5(23.9-25.7)	20.5(19.5-21.7)		
Yamato-792732	6.79	L6	24.7(23.4-26.2)	21.3(19.9-24.4)		En47.2Fs8.1Wo44.7, En47.4Fs8.3Wo44.4
Yamato-792733	4.39	L6	24.7(23.2-26.8)	20.7(19.7-22.1)		En67.4Fs18.3Wo14.4, En46.3Fs9.7Wo44.0, En45.9Fs11.1Wo43.0, merr.
Yamato-792734	2.91	L6	24.3(23.6-25.7)	21.0(19.5-24.1)		En47.7Fs7.4Wo44.8
Yamato-792735	1.96	H6	19.6(18.6-21.0)	17.1(15.9-18.8)		Pl(An12.3), En48.7Fs6.7Wo44.6, merr.
Yamato-792736	3904	H4	17.7(16.9-20.3)	15.3(14.3-16.2)		merr.
Yamato-792737	272.39					
Yamato-792738	285.26					
Yamato-792739	256.21					
Yamato-792740	249.94					
Yamato-792741	166.45					
Yamato-792742	116.19					
Yamato-792743	17.65	H4	17.9(17.2-18.8)	15.5(14.6-16.4)		
Yamato-792744	34.86	H4	18.4(17.6-19.3)	16.3(15.4-19.6)		
Yamato-792745	13.65	L5	24.7(23.2-26.5)	20.5(19.3-24.1)		
Yamato-792746	15.02	L6	24.8(23.8-27.4)	20.8(19.3-22.9)		
Yamato-792747	7.55	L6	24.4(23.4-25.3)	21.6(19.1-26.0)		En45.9Fs9.2Wo44.9
Yamato-792748	6.37	H4	18.2(17.1-20.1)	16.1(15.2-18.5)		ap., merr.
Yamato-792749	0.33	H4	18.5(17.5-20.3)	15.7(14.5-17.6)		En78.1Fs13.3Wo8.6
Yamato-792750	21.92	H6	19.1(18.3-20.0)	16.8(16.1-17.4)		
Yamato-792751	64.18	H4	18.5(17.1-20.4)	15.9(7.2-18.9)		
Yamato-792752	0.97	H4	18.5(17.8-19.5)	16.6(15.6-20.0)		Pl(An11.6),merr.
Yamato-792753	43.34	H5	18.7(18.2-19.3)	16.6(15.1-19.6)		
Yamato-792754	17.33	H5	18.4(18.0-19.0)	16.5(15.5-18.9)		
Yamato-792755	8.14	H5	18.7(17.6-20.8)	16.3(15.3-18.1)		
Yamato-792756	36.73	H6	19.2(18.2-20.0)	16.8(15.6-17.7)		Pl(An11.4)
Yamato-792757	6.28	H6	18.8(17.5-19.8)	16.3(15.4-16.9)		Pl(An12.3)
Yamato-792758	4.32	L6	25.0(24.0-26.6)	21.8(20.4-27.7)		En81.7Fs12.6Wo5.7
Yamato-792759	2.11	H4	18.7(18.1-19.7)	16.5(15.5-20.5)		
Yamato-792760	1.18	H4	18.3(17.7-19.3)	16.4(15.5-21.0)		
Yamato-792761	1719	H6	19.0(18.6-19.6)	16.7(16.0-18.1)		Pl(An11.6), merr., ap.
Yamato-792762	117.94	H5	19.1(18.6-20.8)	17.0(15.7-19.7)		
Yamato-792763	168.69					
Yamato-792764	2649	H4	18.7(17.7-19.8)	16.3(15.3-17.3)		
Yamato-792765	43.49	H4	18.8(17.8-21.3)	15.9(11.7-18.1)		En49.8Fs5.7Wo44.5
Yamato-792766	20.60	H6	19.3(17.9-20.1)	16.9(15.5-17.7)		
Yamato-792767	3.60	H4	18.6(17.4-20.0)	16.4(15.6-17.6)		merr., ap.
Yamato-792768		CM2				
Yamato-792769	4232	Euc(pol)		(28.7-62.3)		Pl(An75.6-93.7), En25.9-69.0Fs19.3-67.3Wo2.2-42.7
Yamato-792770	4179	H6	19.2(18.3-19.5)	16.6(16.1-17.2)		Pl(An10.8-11.9), En49.3Fs6.3Wo44.4, merr.
Yamato-792771	2697	H5	18.3(17.6-19.0)	15.7(14.0-16.6)		En49.1Fs4.9Wo46.0
Yamato-792772	1044	LL4	28.2(27.4-29.4)	23.0(22.1-23.7)		Pl(An10.1)
Yamato-792773	376.43	LL4				
Yamato-792774	125.81	LL4				
Yamato-792775	58.11	LL4	28.6(27.3-29.5)	23.7(21.9-25.8)		Pl(An8.1)
Yamato-792776	40.42					
Yamato-792777	30.40					
Yamato-792778	29.19					
Yamato-792779	34.19					
Yamato-792780	43.29					
Yamato-792781	15.61					
Yamato-792782	24.16					
Yamato-792783	20.58					
Yamato-792784	15.61	LL4	28.6(27.6-29.3)	23.5(23.0-23.9)		Pl(An8.6)
Yamato-792785	11.55					
Yamato-792786	9.80					
Yamato-792787	9.32					
Yamato-792788	7.91					
Yamato-792789	8.81					
Yamato-792790	5.71					
Yamato-792791	144.21	L6	24.5(22.8-25.7)	20.7(19.6-23.3)		
Yamato-792792	47.72	L6	24.7(23.5-26.0)	21.1(20.2-22.1)		ap.
Yamato-792793	37.35	L6	24.6(23.9-25.6)	20.7(19.2-21.9)		
Yamato-792794	17.51	L6	24.6(23.1-25.6)	20.5(20.0-21.1)		En47.6Fs8.0Wo44.4, ap.
Yamato-792795	71.43	H5	18.9(17.9-19.6)	16.5(15.8-17.8)		
Yamato-792796	241.93	LL6	30.4(29.8-31.5)	24.4(23.5-25.1)		maskl.
Yamato-792797	171.62					
Yamato-792798	7.57					
Yamato-792799	4.67					
Yamato-792800	5.50					
Yamato-792801	3.16					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792802	2.13					
Yamato-792803	50.73	L6	25.0(23.8-26.6)	21.2(19.6-23.9)		
Yamato-792804	94.27	H6	19.5(19.1-20.1)	17.0(16.1-17.7)		En76.4Fs15.6Wo8.0
Yamato-792805	15.56	H4	19.1(18.2-19.9)	16.4(15.6-17.0)		En48.4Fs5.9Wo45.7, merr.
Yamato-792806	10.36	H5	18.9(17.9-20.7)	16.9(15.9-18.7)		
Yamato-792807	14.78	L4	22.7(22.1-23.5)	19.4(16.0-20.3)		En63.6Fs14.5Wo21.9, En72.7Fs18.0Wo9.3
Yamato-792808	12.70	H4	17.8(16.9-18.3)	15.9(15.4-18.7)		
Yamato-792809	11.50	L6	24.0(23.0-24.7)	20.2(19.5-21.8)		
Yamato-792810	6.09	H4	18.6(17.9-19.2)	16.4(15.8-18.9)		merr.
Yamato-792811	4.00	H6	19.2(18.5-20.0)	16.8(15.4-17.7)		Pl(An11.4)
Yamato-792812	5.13	H4	17.6(16.7-18.3)	15.4(15.0-15.7)		
Yamato-792813	9.54	H4	16.7(15.6-17.6)	15.1(13.9-16.6)		En48.6Fs4.7Wo46.7
Yamato-792814	8.19	H6	18.9(18.0-19.4)	16.5(15.6-19.1)		Pl(An13.1)
Yamato-792815	5.40	H4	18.8(17.9-20.4)	16.2(15.3-18.3)		
Yamato-792816	3.48	H6	18.1(17.7-18.7)	15.7(14.8-16.5)		merr.
Yamato-792817	3.48	H4	18.5(17.9-19.2)	16.1(15.2-20.3)		merr.
Yamato-792818	17.28	H4	17.4(15.8-18.5)	15.3(14.4-16.4)		merr.
Yamato-792819	11.60	H4	18.2(17.4-19.2)	16.1(15.1-19.1)		
Yamato-792820	9.55	H6	18.3(17.2-19.0)	16.2(14.7-17.0)		merr.
Yamato-792821	18.84	H4	18.3(17.7-19.0)	15.9(15.5-16.8)		
Yamato-792822	12.13	H6	18.1(17.2-19.7)	16.5(15.1-20.1)		En76.4Fs15.2Wo8.5, merr
Yamato-792823	10.31	H4	18.1(17.5-19.4)	16.1(15.4-17.6)		
Yamato-792824	5.32					
Yamato-792825	8.71	H4	18.2(17.4-19.7)	16.2(15.0-21.1)		En75.0Fs14.2Wo10.8, merr.
Yamato-792826	3.65					
Yamato-792827	4.52					
Yamato-792828	3.47	L6	25.0(23.7-27.8)	20.5(18.9-22.4)		En48.1Fs8.2Wo43.7, merr.
Yamato-792829	4.43	H4	17.2(16.6-18.2)	15.1(13.8-15.6)		
Yamato-792830	3.48					
Yamato-792831	4.77	H5	18.3(17.7-18.9)	16.4(15.1-19.5)		
Yamato-792832	3.20					
Yamato-792833	3.17					
Yamato-792834	3.97					
Yamato-792835	3.67	H4	18.5(17.8-19.4)	16.0(15.6-16.7)		merr.
Yamato-792836	3.41					
Yamato-792837	4.33	H5	18.9(17.8-22.1)	17.8(15.8-31.8)		
Yamato-792838	2.56					
Yamato-792839	2.44					
Yamato-792840	1.99					
Yamato-792841	3.00					
Yamato-792842	2.31					
Yamato-792843	2.31	H6	18.2(16.6-19.5)	16.3(15.3-17.5)		Pl(An8.9)
Yamato-792844	3.64	H5	17.3(16.4-18.3)	15.9(14.6-23.2)		Pl(An14.5), En80.9Fs13.8Wo5.4, En50.0Fs5.0Wo45.1
Yamato-792845	3.17					
Yamato-792846	1.90					
Yamato-792847	2.29					
Yamato-792848	1.79					
Yamato-792849	1.67					
Yamato-792850	1.00					
Yamato-792851	0.94	H6	19.2(17.4-21.0)	16.6(15.9-17.3)		Pl(An12.0,11.9), En47.9Fs6.7Wo45.3, merr.
Yamato-792852	1.44					
Yamato-792853	1.09					
Yamato-792854	1.47					
Yamato-792855	1.16					
Yamato-792856	1.31					
Yamato-792857	1.23					
Yamato-792858	1.10					
Yamato-792859	10.63					
Yamato-792860	15.04	H4	18.7(17.8-19.4)	16.2(14.9-17.9)		
Yamato-792861	6.43	H6	18.8(17.9-19.5)	16.4(15.2-17.8)		En50.9Fs5.9Wo43.1
Yamato-792862	150.76	H6	18.0(16.7-18.8)	15.9(15.2-16.5)		
Yamato-792863	132.25	H5	17.3(16.5-17.9)	15.5(14.6-16.4)		
Yamato-792864	52.96	H4	17.1(16.4-18.0)	15.1(14.2-16.5)		En50.2Fs5.0Wo44.8, merr.
Yamato-792865	33.37	H4	17.3(16.8-18.6)	15.2(14.3-15.9)		merr.
Yamato-792866	15.55	H4	17.5(16.8-18.9)	15.4(14.5-16.7)		merr.
Yamato-792867	20.96	H4	17.3(16.0-18.3)	15.7(14.7-18.0)		En77.7Fs15.0Wo7.3, merr.
Yamato-792868	13.01	H4	17.6(17.0-18.9)	15.9(14.4-19.4)		merr.
Yamato-792869	15.68	H4	17.3(16.4-20.5)	15.3(14.2-16.2)		En75.5Fs12.9Wo11.6, merr.
Yamato-792870	13.56	H4	17.2(16.5-18.4)	15.4(12.6-16.4)		
Yamato-792871	11.20					
Yamato-792872	7.85	H4	17.4(16.6-18.3)	15.9(14.4-17.5)		merr.
Yamato-792873	9.16	H4	17.5(16.5-19.2)	16.4(15.4-19.4)		
Yamato-792874	4.22					
Yamato-792875	5.71	H5	18.4(17.5-19.5)	16.7(15.6-19.2)		
Yamato-792876	7.02					
Yamato-792877	5.41					
Yamato-792878	3.81					
Yamato-792879	4.44	H4	17.8(16.8-19.8)	16.6(15.0-20.2)		ap.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792880	7.64	H5	17.5(16.6-18.6)	16.5(14.2-19.1)		En74.6-78.9Fs15.0-15.3Wo5.2-6.0, merr.
Yamato-792881	5.46					
Yamato-792882	3.37					
Yamato-792883	3.83	H5	18.8(18.1-20.3)	17.1(15.6-23.1)		
Yamato-792884	5.24					
Yamato-792885	2.94					
Yamato-792886	1.62					
Yamato-792887	1.96					
Yamato-792888	2.56					
Yamato-792889	3.29					
Yamato-792890	2.74					
Yamato-792891	38.17	H5	18.3(17.4-19.7)	16.1(14.7-18.0)		
Yamato-792892	26.86	H6	19.1(18.6-19.8)	16.5(15.2-17.1)		
Yamato-792893	24.39	H5	18.7(17.9-20.7)	16.2(15.3-17.2)		En48.3Fs9.8Wo41.9, En78.1Fs16.1Wo5.8
Yamato-792894	15.10	H4	18.7(18.0-20.7)	16.7(15.6-18.6)		merr.
Yamato-792895	2.70	H5	17.2(16.2-18.0)	15.3(14.1-17.8)		
Yamato-792896	2.17	H5	18.4(17.6-21.3)	16.0(15.5-16.9)		
Yamato-792897	1.52	H4	18.6(18.0-19.7)	16.4(16.0-18.9)		merr.
Yamato-792898	56.69	H4	18.3(17.2-19.2)	16.1(15.7-16.5)		
Yamato-792899	23.69	H4	18.2(17.3-19.2)	16.1(15.2-18.2)		merr., ap.
Yamato-792900	18.50	H4	18.6(18.0-19.2)	16.5(15.9-17.6)		Pl(An33.5), En68.3Fs13.3Wo18.3
Yamato-792901	17.88	H4	18.6(17.3-21.3)	16.4(15.3-19.3)		
Yamato-792902	7.38					
Yamato-792903	9.07	H4	18.4(17.9-20.0)	15.9(15.2-17.0)		merr.
Yamato-792904	7.86	L6	24.4(23.3-25.4)	20.3(18.8-21.2)		
Yamato-792905	8.72	H4	18.4(17.5-19.3)	16.1(15.5-18.1)		
Yamato-792906	6.08	H4	18.6(17.5-19.7)	16.3(15.5-18.8)		
Yamato-792907	4.65	L6	24.8(24.1-25.5)	20.9(20.0-22.3)		merr.
Yamato-792908	2.56					
Yamato-792909	3.48	L6	24.0(23.3-24.5)	20.5(19.5-23.7)		merr.
Yamato-792910	5.77	H4	18.5(17.5-19.4)	16.0(15.3-16.7)		ap.
Yamato-792911	3.40	L6	24.5(23.5-25.6)	20.7(18.9-23.9)		Pl(An9.3-10.7)
Yamato-792912	2.37	H4	18.2(17.5-19.3)	15.8(15.1-16.1)		En61.8Fs9.8Wo28.4
Yamato-792913	3.37	H4	16.9(16.3-17.6)	15.0(14.5-15.8)		merr., ap.
Yamato-792914	1.46					
Yamato-792915	0.37	H3	13.0(0.8-29.5)	8.7(0.8-24.8)		En87.7Fs1.6Wo10.7
Yamato-792916	11.10	L6	24.4(23.1-25.5)	20.4(19.7-21.3)		En46.4Fs8.2Wo45.5
Yamato-792917	6.07	L6	24.1(23.1-25.2)	20.5(19.6-22.0)		En75.0Fs17.7Wo7.2, merr.
Yamato-792918	4.75	L6	24.4(23.1-25.8)	20.7(19.6-23.1)		Pl(An10.1)
Yamato-792919	106.08	H4	18.3(17.8-18.9)	16.0(14.5-19.0)		merr.
Yamato-792920	28.48	H4	18.4(17.5-19.5)	16.6(15.1-24.6)		merr.
Yamato-792921	10.06	H4	18.5(17.5-19.1)	16.5(15.3-23.2)		ap.
Yamato-792922	5.06	H4	18.5(17.8-20.1)	16.3(15.0-17.4)		ap.
Yamato-792923	0.30					
Yamato-792924	7.07	H5	18.0(16.9-18.4)	15.8(14.9-16.5)		Pl(An13.3)
Yamato-792925	3.57	H6	18.9(18.5-19.4)	16.8(16.1-20.6)		
Yamato-792926	39.45	H4	17.1(16.0-19.3)	15.0(14.2-16.1)		
Yamato-792927	25.84	H3	18.9(12.5-23.2)	17.3(7.4-35.8)		En69.5Fs25.3Wo5.2
Yamato-792928	18.94	H6	19.0(18.2-21.0)	17.1(15.8-22.2)		
Yamato-792929	8.74	LL4	27.1(26.2-27.7)	22.7(21.8-24.7)		merr.
Yamato-792930	2.53	LL3	23.2(0.4-30.0)	13.9(5.9-41.5)		En45.9Fs8.2Wo45.9, En75.5Fs18.9Wo5.6, En70.0Fs24.0Wo5.7
Yamato-792931	74.30	H4	17.4(16.8-17.9)	15.6(14.8-17.0)		En79.3Fs15.4Wo5.2, merr.
Yamato-792932	7.94	H5	18.7(17.2-21.0)	16.5(15.4-18.1)		En47.5Fs8.7Wo43.7, merr.
Yamato-792933	6.20	H6	19.1(17.9-20.0)	16.8(15.8-18.1)		En49.0Fs6.2Wo44.8
Yamato-792934	5.32	L6	24.5(23.0-25.4)	20.8(20.2-22.1)		merr.
Yamato-792935	760	H5	18.4(18.1-18.8)	16.3(15.3-18.9)		merr.
Yamato-792936	16.28	H6	18.0(17.2-18.9)	15.9(15.4-16.4)		
Yamato-792937	21.23	H4	18.3(17.7-19.2)	16.2(15.0-22.7)		En67.8Fs13.3Wo18.9, merr.
Yamato-792938	43.26	H4	18.6(17.6-19.9)	16.5(15.6-19.4)		En78.5Fs16.4Wo5.2, merr.
Yamato-792939	41.52	H5	18.3(17.7-19.0)	16.0(15.4-16.5)		En49.8Fs9.3Wo40.8, merr.
Yamato-792940	24.14	H4	18.4(17.7-18.8)	16.9(15.3-21.5)		
Yamato-792941	8.39	H4	18.4(17.9-19.5)	16.0(15.3-16.9)		
Yamato-792942	7.90	H5	18.7(18.1-19.1)	16.4(15.4-17.9)		
Yamato-792943	12.37	H4	18.7(17.6-19.9)	16.1(15.3-16.5)		merr.
Yamato-792944	49.46	L6	24.6(24.1-26.8)	20.7(20.2-22.9)		Pl(An10.2), En47.6Fs7.7Wo44.6
Yamato-792945	15.00	L6	24.3(22.4-25.0)	20.2(19.6-21.0)		
Yamato-792946	2.80					
Yamato-792947	233.40	H3	13.3(0.2-24.7)	10.9(2.1-34.1)		
Yamato-792948	39.57	H6	18.5(17.7-19.0)	16.2(15.2-17.5)		
Yamato-792949	13.95	H4	18.4(17.5-19.1)	16.0(15.5-16.8)		merr., ap.
Yamato-792950	8.80	H6	18.5(17.9-19.0)	16.2(15.7-16.8)		
Yamato-792951	6.73	H6	18.8(18.4-19.5)	16.7(16.1-17.2)		En50.6Fs6.0Wo43.4
Yamato-792952	5.98	H6	18.7(18.1-19.9)	16.4(15.4-17.0)		Pl(An12.1), En50.0Fs5.9Wo44.1, En47.5Fs5.7Wo46.8
Yamato-792953	3.32	H6	18.8(18.0-19.8)	16.3(15.9-17.2)		Pl(An12.6)
Yamato-792954	1.98					
Yamato-792955	1.13	H3	17.8(17.1-18.7)	15.5(9.7-18.2)		
Yamato-792956	0.29					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-792957	0.35					
Yamato-792958	107.28	H4	18.6(18.2-19.1)	16.8(15.6-22.6)		En74.0Fs16.1Wo9.9
Yamato-792959	36.35	E3	0.3(0.2-0.4)	1.1(0.1-5.2)	C	
Yamato-792960	17.66	E3	0.3	1.6(0-18.6)		
Yamato-792961	9.53	E3	0.2	1.1(0.4-2.6)		
Yamato-792962	5.89	E3	1.2(0.1-4.0)			
Yamato-792963	5.86	E3	0.7(0.3-1.0)	0.9(0.3-1.6)		
Yamato-792964	4.42	E3		1.9(0.1-8.7)		
Yamato-792965	5.16	E3		1.6(0.1-15.3)		
Yamato-792966	3.65	E3		1.1(0.1-2.4)		
Yamato-792967	2.65					
Yamato-792968	2.68					
Yamato-792969	2.57					
Yamato-792970	2.32					
Yamato-792971	2.51					
Yamato-792972	2.25					
Yamato-792973	2.04					
Yamato-792974	1.91					
Yamato-792975	3.31	E3		1.2(0.3-2.1)		
Yamato-792976	1.63					
Yamato-792977	2.16					
Yamato-792978	1.25					
Yamato-792979	3.24	E3		1.0(0-3.3)		
Yamato-792980	2.69					
Yamato-792981	2.07					
Yamato-792982	2.15					
Yamato-792983	1.71					
Yamato-792984	1.28					
Yamato-792985	1.62					
Yamato-792986	0.97					
Yamato-792987	1.66					
Yamato-792988	1.18					
Yamato-792989	1.30					
Yamato-792990	1.62					
Yamato-792991	1.77					
Yamato-792992	1.29					
Yamato-792993	1.45					
Yamato-792994	1.55					
Yamato-792995	2.16	E3		1.4(0.3-6.4)		
Yamato-792996	0.68					
Yamato-792997	2.44					
Yamato-792998	1.94					
Yamato-792999	1.58					
Yamato-793000	2.00					
Yamato-793001	1.10					
Yamato-793002	1.61					
Yamato-793003	1.62					
Yamato-793004	0.94					
Yamato-793005	1.23					
Yamato-793006	1.35					
Yamato-793007	1.07					
Yamato-793008	1.34					
Yamato-793009	1.86					
Yamato-793010	0.97					
Yamato-793011	1.67					
Yamato-793012	1.52					
Yamato-793013	1.31					
Yamato-793014	0.80					
Yamato-793015	1.44					
Yamato-793016	1.10					
Yamato-793017	1.36					
Yamato-793018	1.55					
Yamato-793019	1.17					
Yamato-793020	0.87					
Yamato-793021	1.36					
Yamato-793022	1.46					
Yamato-793023	1.09					
Yamato-793024	1.14					
Yamato-793025	1.03					
Yamato-793026	0.99					
Yamato-793027	0.73					
Yamato-793028	0.85					
Yamato-793029	1.19					
Yamato-793030	0.99					
Yamato-793031	0.91					
Yamato-793032	0.89					
Yamato-793033	0.69					
Yamato-793034	1.34					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793035	0.93					
Yamato-793036	1.20					
Yamato-793037	0.96					
Yamato-793038	0.82					
Yamato-793039	1.17					
Yamato-793040	0.72					
Yamato-793041	0.85					
Yamato-793042	0.85					
Yamato-793043	0.78					
Yamato-793044	1.00					
Yamato-793045	0.94					
Yamato-793046	0.97					
Yamato-793047	1.01					
Yamato-793048	1.04					
Yamato-793049	0.99					
Yamato-793050	0.99					
Yamato-793051	0.95					
Yamato-793052	0.71					
Yamato-793053	0.80					
Yamato-793054	0.75					
Yamato-793055	0.77					
Yamato-793056	0.86					
Yamato-793057	0.87					
Yamato-793058	0.77					
Yamato-793059	0.78					
Yamato-793060	0.91					
Yamato-793061	0.56					
Yamato-793062	0.67					
Yamato-793063	0.79					
Yamato-793064	0.70					
Yamato-793065	0.91					
Yamato-793066	0.73					
Yamato-793067	0.71					
Yamato-793068	0.70					
Yamato-793069	0.86					
Yamato-793070	0.81					
Yamato-793071	0.97					
Yamato-793072	0.79					
Yamato-793073	0.66					
Yamato-793074	0.47					
Yamato-793075	0.62					
Yamato-793076	0.94					
Yamato-793077	0.89					
Yamato-793078	0.63					
Yamato-793079	0.65					
Yamato-793080	0.68					
Yamato-793081	0.79					
Yamato-793082	0.70					
Yamato-793083	0.70					
Yamato-793084	0.72					
Yamato-793085	0.71					
Yamato-793086	0.63					
Yamato-793087	0.62					
Yamato-793088	0.72					
Yamato-793089	0.71					
Yamato-793090	0.61					
Yamato-793091	0.56					
Yamato-793092	0.81					
Yamato-793093	0.78					
Yamato-793094	0.47					
Yamato-793095	0.54					
Yamato-793096	0.57					
Yamato-793097	0.53					
Yamato-793098	0.41					
Yamato-793099	0.63					
Yamato-793100	0.55					
Yamato-793101	0.50					
Yamato-793102	0.60					
Yamato-793103	0.57					
Yamato-793104	0.44					
Yamato-793105	0.58					
Yamato-793106	0.45					
Yamato-793107	0.53					
Yamato-793108	0.50					
Yamato-793109	0.55					
Yamato-793110	0.68					
Yamato-793111	0.63					
Yamato-793112	0.65					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793113	0.55					
Yamato-793114	0.61					
Yamato-793115	0.62					
Yamato-793116	0.46					
Yamato-793117	0.52					
Yamato-793118	0.43					
Yamato-793119	0.68					
Yamato-793120	0.50					
Yamato-793121	0.61					
Yamato-793122	0.38					
Yamato-793123	0.49					
Yamato-793124	0.43					
Yamato-793125	0.51					
Yamato-793126	0.63					
Yamato-793127	0.41					
Yamato-793128	0.47					
Yamato-793129	0.58					
Yamato-793130	0.44					
Yamato-793131	0.55					
Yamato-793132	0.49					
Yamato-793133	0.40					
Yamato-793134	0.44					
Yamato-793135	0.51					
Yamato-793136	0.48					
Yamato-793137	0.43					
Yamato-793138	0.37					
Yamato-793139	0.53					
Yamato-793140	0.59					
Yamato-793141	0.45					
Yamato-793142	0.56					
Yamato-793143	0.47					
Yamato-793144	0.44					
Yamato-793145	0.45					
Yamato-793146	0.46					
Yamato-793147	0.40					
Yamato-793148	0.43					
Yamato-793149	0.45					
Yamato-793150	0.51					
Yamato-793151	0.42					
Yamato-793152	0.45					
Yamato-793153	0.47					
Yamato-793154	0.39					
Yamato-793155	0.56					
Yamato-793156	0.44					
Yamato-793157	0.52					
Yamato-793158	0.41					
Yamato-793159	0.30					
Yamato-793160	0.34					
Yamato-793161	37.55	E3				
Yamato-793162	0.25	Ter				Terrestrial
Yamato-793163	0.22	Ter				Terrestrial
Yamato-793164	123.88	Euc	82.8	(58.7-67.9)		Pl(An80.5-92.3), En26.0-40.8Fs37.5-67.9Wo1.9-36.5
Yamato-793165	4.67	H5	18.3(17.7-18.8)	15.9(15.2-16.7)		
Yamato-793166	5.68	L6	25.0(24.0-26.1)	21.2(20.1-23.8)		
Yamato-793167	536.26	H5	18.5(18.1-18.9)	15.9(15.1-16.5)		En48.9Fs5.8Wo45.3
Yamato-793168	3859	L6	24.1(23.0-25.3)	20.0(19.0-20.9)		En48.1Fs7.3Wo44.6
Yamato-793169	6.07	Lunar	98.5			basalt-diabase, Pl(An92.0-96.2), En1.9-53.3Fs24.6-84.3Wo9.7-40.7
Yamato-793170	17.17	H4	18.2(14.8-19.3)	15.9(7.5-20.2)		
Yamato-793171	7.74	L6	24.8(23.8-27.1)	20.3(19.0-21.5)		
Yamato-793172	13.18	L6	25.3(24.0-26.6)	21.1(20.2-23.4)		Pl(An10.9)
Yamato-793173	12.59	How		(20.5-65.1)		Pl(An72.7-96.8), En28.0-78.4Fs20.5-65.1Wo1.4-42.4
Yamato-793174	30.01	H6	17.7(16.9-18.2)	15.7(15.0-16.3)		
Yamato-793175	288.17	H4				same as Y-793184
Yamato-793176	5.86	H4	18.1(17.6-18.9)	15.7(14.7-16.6)		
Yamato-793177	4.48	H4	18.2(17.2-19.2)	16.0(14.9-19.1)		
Yamato-793178	1.63					
Yamato-793179	1.85					
Yamato-793180	1.11	H4	18.1(17.2-18.9)	16.0(15.0-17.1)		
Yamato-793181	0.89	H4	18.2(17.4-18.6)	15.9(15.2-17.0)		En74.3Fs12.5Wo13.1
Yamato-793182	2.04					
Yamato-793183	3.09	H4	17.8(16.5-19.4)	15.5(13.7-16.3)		En77.5Fs17.1Wo5.4, En74.5Fs13.7Wo11.8
Yamato-793184	8.19	H4	18.1(17.0-22.0)	16.3(15.1-23.1)		
Yamato-793185	5.26	H6	18.5(18.0-19.1)	16.2(15.2-16.7)		En48.5Fs5.3Wo46.2
Yamato-793186	81.43	H6	17.9(17.0-18.4)	15.9(14.7-17.5)		Pl(An12.1, 13.7)
Yamato-793187	25.18	H4	19.1(17.6-28.4)	16.6(14.2-26.2)		
Yamato-793188	134.98	H6	18.1(17.6-18.1)	15.9(15.4-16.6)		
Yamato-793189	3.13	L6	24.5(23.9-25.2)	20.8(19.6-23.3)		Pl(An9.9, 10.3)

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793190	46.33	H4	17.6(16.8-18.3)	15.6(14.6-17.8)		Pl(An11.8)
Yamato-793191	393.94	H4				
Yamato-793192	23.65	How		(22.3-61.9)		Pl(An73.5-93.4), En34.0-75.7Fs22.3-61.9Wo1.2-43.5
Yamato-793193	159.32	H5	18.2(16.8-25.9)	16.4(14.6-27.8)		
Yamato-793194	25.97	H5	18.4(17.7-19.4)	16.8(15.4-19.3)		
Yamato-793195	3.60	L6	24.5(23.4-25.8)	20.6(19.4-22.2)		ap.
Yamato-793196	2.30	H4	18.7(18.0-21.0)	17.4(15.8-24.8)		
Yamato-793197	2.51	H4	18.4(16.6-21.4)	15.3(12.3-16.4)		Pl(An12.9)
Yamato-793198	3.35	H5	18.3(17.7-19.1)	16.0(15.3-19.7)		
Yamato-793199	3.42	H5	18.1(17.4-19.0)	16.1(15.1-17.1)		
Yamato-793200	3.56	H4	17.7(17.1-19.4)	16.4(15.2-21.6)		
Yamato-793201	1087	L6	23.9(23.4-24.5)	20.2(19.5-21.0)		Pl(An9.7), ap.
Yamato-793202	97.01	H4	18.1(17.5-18.8)	16.1(15.1-19.2)		merr.
Yamato-793203	274.27	H4	18.5(17.6-20.1)	16.4(15.6-18.0)		En79.9Fs14.7Wo5.4, merr.
Yamato-793204	56.58	H6	18.2(17.3-20.0)	15.5(14.5-16.0)		En48.2Fs7.5Wo44.3, merr.
Yamato-793205	39.69	H6	19.2(18.5-19.6)	16.7(15.7-19.3)		
Yamato-793206	2.99	H5	17.8(17.3-18.3)	15.9(14.6-18.3)		En48.9Fs5.7Wo45.3
Yamato-793207	3.87	H6	18.9(18.0-19.5)	16.7(15.9-18.1)		En77.4Fs15.4Wo7.2
Yamato-793208	2.20	H5	18.5(17.4-19.5)	16.3(15.4-19.2)		merr.
Yamato-793209	14.03	L6	24.5(23.3-25.3)	21.1(19.7-26.4)		Pl(An12.1Or0.8, An1.3Or14.1)
Yamato-793210	53.44					
Yamato-793211	43.46	L6	24.5(23.7-25.9)	20.6(19.8-21.4)		ap.
Yamato-793212	27.14	L6	24.7(24.0-26.1)	20.8(19.6-24.2)		Pl(An9.7-10.4)
Yamato-793213	13.98	L6	24.7(23.5-25.9)	20.9(19.6-22.6)		En47.7Fs8.0Wo44.6
Yamato-793214	3111	LL5	29.0(27.6-30.0)	23.9(23.2-25.1)		En46.1Fs8.0Wo45.9
Yamato-793215	24.33	L6	25.3(24.2-30.9)	21.0(20.2-23.6)		Pl(An11.7), merr.
Yamato-793216	3.91	L6	24.8(23.9-26.2)	20.6(19.8-21.3)		Pl(An10.7), merr.
Yamato-793217	0.58					
Yamato-793218	4.60	H4	18.2(17.6-19.1)	16.4(15.5-18.8)		En69.6Fs11.8Wo18.5
Yamato-793219	326.13	L6	24.7(23.8-25.5)	20.8(19.5-22.0)		Pl(An9.4), maskl.
Yamato-793220	354.27	L6	24.4(23.7-24.9)	20.8(19.6-23.9)		Pl(An3.7)
Yamato-793221	14.71	H5	18.7(17.8-19.9)	17.7(15.1-30.3)		
Yamato-793222	545.97	H5	16.9(16.4-17.2)	15.0(13.8-16.1)		
Yamato-793223	4.81	LL6	30.1(29.3-31.2)	25.0(24.1-29.2)		En61.4Fs18.9Wo19.7
Yamato-793224	179.35	L6	24.8(24.1-25.8)	21.1(20.3-23.1)		
Yamato-793225	75.61	E6		0.17(0.0-0.4)		Pl(An16.9Or4.0)
Yamato-793226	19.60	L6	24.7(24.1-25.7)	21.2(20.0-26.9)		En48.3Fs7.5Wo44.2, En47.8Fs8.6Wo43.6, maskl.
Yamato-793227	4.91	H5	18.4(17.8-19.1)	16.4(14.0-21.9)		En64.2Fs11.4Wo24.4, En48.3Fs4.9Wo46.9
Yamato-793228	12.14	L6	24.4(23.9-24.8)	20.4(19.5-21.1)		Pl(An10.2Or6.5), merr.
Yamato-793229	31.36	L5	22.2(20.7-24.7)	19.1(18.1-21.9)		merr.
Yamato-793230	86.99	H4	18.2(17.5-18.8)	16.4(15.4-19.4)		merr.
Yamato-793231	7.57	H4	18.4(17.7-19.6)	16.3(15.2-20.0)		
Yamato-793232	61.91	H4	19.8(18.3-24.9)	16.8(13.8-24.4)		En48.4Fs8.5Wo43.1
Yamato-793233	21.31	H6	18.7(18.0-19.7)	16.2(15.2-18.1)		maskl.
Yamato-793234	16.14	H6	18.3(17.2-19.6)	16.4(15.4-17.2)		Pl(An11.6Or5.6)
Yamato-793235	18476.54	L6	23.8(23.2-24.4)	19.6(18.8-20.3)		En48.3Fs6.9Wo44.8, merr.
Yamato-793236	33.31	L6	24.4(23.8-25.5)	20.8(19.8-23.7)		
Yamato-793237	22.71					
Yamato-793238	19.78					
Yamato-793239	247.75	H4	18.6(18.2-22.0)	16.3(15.7-16.8)		
Yamato-793240	54.45	H4	18.4(17.5-19.1)	15.8(15.3-16.4)		En78.8Fs15.3Wo6.0
Yamato-793241	938	L6	24.6(23.5-25.5)	20.4(19.4-21.3)		Pl(An10.8Or4.2), En47.4Fs7.8Wo44.8, ap.
		incl	24.3(23.0-25.2)	-		mantle, coarser core: Pl(An15.1-30.6Or1.4-4.5)
		incl	24.3(23.8-24.97)	-		mantle fine rim: Pl(An10.7-17.2Or3.2-6.1)
		incl	24.7(24.0-25.8)	-		core: Pl(An26.9-35.5Or1.6-2.5)
		incl	24.7	-		chondrule in core: Pl(An28.5-32.2Or1.9-2.4)
Yamato-793242	222.76	L6				
Yamato-793243	182.70	H5	19.4(18.6-20.3)	15.9(7.5-17.4)		ap.
Yamato-793244	9.90	L4	22.3(21.5-22.9)	18.6(16.3-21.7)		En71.8Fs16.8Wo11.4
Yamato-793245	9.11	L6	24.3(23.6-25.6)	20.5(19.2-21.2)		
Yamato-793246	6.85	E4		1.4(0.3-9.8)		maskl.
Yamato-793247	2.15	L6	24.6(23.2-29.3)	20.4(19.5-21.0)		
Yamato-793248	0.62	H4	19.7(18.2-27.4)	16.1(15.0-16.8)		merr.
Yamato-793249	292.26	LL4	28.0(27.0-28.7)	22.6(21.1-23.4)		En72.9Fs21.9Wo5.2
Yamato-793250	1.51	H4	18.3(17.3-19.7)	16.0(14.5-19.6)		
Yamato-793251	844	H5	16.6(15.7-17.6)	14.6(13.7-16.0)		merr.
Yamato-793252	4.61	How		(26.4-59.6)		Pl(An79.8-94.0), En2.6-70.7Fs20.0-69.9Wo1.3-40.0
Yamato-793253	216.70	H4	18.2(17.4-18.9)	15.9(15.1-19.0)		
Yamato-793254	38.19	H5	17.6(17.1-18.2)	15.5(14.8-16.2)		
Yamato-793255	29.88	L3	22.6(10.3-24.9)	18.2(1.9-27.5)		En73.9Fs21.0Wo5.1
Yamato-793256	9.08	H5	18.0(16.5-18.7)	15.8(14.4-17.8)		
Yamato-793257	11.00	H6	19.3(18.4-21.3)	16.6(15.6-17.2)		
Yamato-793258	8.19	E6		0.17(0-0.6)		maskl.
Yamato-793259	8.01	H6	18.8(18.1-19.3)	16.5(15.4-17.2)		En48.7Fs5.8Wo45.5, En47.9Fs8.7Wo43.4
Yamato-793260	7.40	H3	13.9(3.7-26.8)	20.0(18.7-21.8)		merr.
Yamato-793261	3.67	CR2	3.0(0.4-7.8)	13.9(0.5-47.5)		
Yamato-793262	2.89	H6	19.3(18.7-19.9)	16.8(15.4-17.5)		Pl(An13.2Or4.4), En48.1Fs35.3Wo16.6
Yamato-793263	2.03	H4	17.4(16.4-19.1)	15.9(14.6-22.7)		merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793264	4.29	L4	24.2(23.0-25.2)	20.2(18.4-21.9)		
Yamato-793265	4.09	L4	23.2(22.4-24.1)	19.6(18.3-20.5)		
Yamato-793266	0.87	LL4	28.8(28.2-29.5)	21.5(8.9-25.5)		En45.9-47.4Fs9.1-10.8Wo41.7-45.1
Yamato-793267	0.79	H4	18.3(17.4-18.9)	16.4(15.0-20.7)		
Yamato-793268	2.10	H3	19.8(8.4-23.3)	12.1(2.8-34.6)		
Yamato-793269	2.00	LL5	27.7(26.5-28.4)	22.8(21.8-23.9)		
Yamato-793270	0.49	H4	19.0(18.3-19.8)	16.4(15.6-17.7)		merr.
Yamato-793271	0.88	L6	24.3(23.3-25.7)	20.4(19.6-21.5)		
Yamato-793272	95.96	L3	23.4(7.0-27.2)	14.5(6.3-26.9)		En77.1Fs15.9Wo7.1, En57.2Fs12.7Wo30.0
Yamato-793273	97.22	H6	18.4(17.7-19.2)	16.1(15.7-16.4)		Pl(An12Or6.5)
Yamato-793274	8.66	lunar	(17.8-97.3)	(31.0-36.5)	A	basaltic breccia, Pl(An88.3-97.4), En4.2-67.5Fs16.4-64.4 Wo2.8-40.1
Yamato-793275	52.61	H3	15.2(14.3-15.7)	13.5(12.0-14.0)		ap.
Yamato-793276	4.39	H5	18.5(17.4-23.2)	15.8(14.5-18.6)		merr.
Yamato-793277	2.23	C				
Yamato-793278	253.27	H4	16.3(15.7-17.0)	14.4(13.8-15.6)		En75.2Fs12.5Wo12.3
Yamato-793279	18.78	H5	18.5(16.6-21.1)	16.5(15.1-19.6)		En78.5Fs15.4Wo6.1, ap.
Yamato-793280	28.38	L6	24.5(23.5-27.1)	20.6(19.2-21.8)		Pl(An13.5Or1.3, An11.8Or0.1), En48.0Fs7.8Wo44.2
Yamato-793281	4.37	H6	17.8(16.9-18.7)	15.8(14.9-17.3)		Pl(An10.7-22.4Or2.9-4.7), En49.6-58.1Fs7.0-9.6Wo32.3-43.4
Yamato-793282	1.11	H4	17.2(16.5-17.7)	15.2(14.2-16.4)		merr.
Yamato-793283	817	H6	18.0(17.0-18.8)	15.9(14.8-17.0)		
Yamato-793284	397.56	H4	18.2(17.1-18.8)	16.1(15.5-17.4)		
Yamato-793285	311.26	L6	24.7(23.2-27.4)	20.8(19.8-22.2)		maskl.
Yamato-793286	24.80	H5	18.8(17.9-21.6)	16.3(15.0-17.9)		
Yamato-793287	80.70	H5	18.0(17.2-18.5)	15.8(15.0-16.0)		
Yamato-793288	32.97	H5	18.0(17.1-18.7)	15.6(14.7-16.5)		En67.2Fs12.6Wo20.2
Yamato-793289	16.15	H5	18.0(15.5-19.2)	15.5(14.9-16.1)		merr.
Yamato-793290	16.50	H5	17.3(16.0-18.6)	15.4(14.6-16.7)		
Yamato-793291	13.79	L6	24.8(24.2-26.7)	20.8(19.7-22.3)		En46.0Fs9.6Wo44.4
Yamato-793292	13.76	H4	17.4(16.5-18.3)	15.4(13.9-17.2)		En79.3Fs14.4Wo6.3
Yamato-793293	12.47	H4	17.6(16.9-18.1)	15.9(9.9-27.4)		
Yamato-793294	10.11	H4	19.0(8.7-29.8)	15.8(9.4-23.6)		
Yamato-793295	5.57	H4	18.0(17.2-18.7)	15.6(14.8-16.3)		
Yamato-793296	5.47	L6	24.6(23.4-27.0)	20.4(19.5-22.4)		Pl(An14.2Or0.4), En48.1Fs7.9Wo44.0, ap., maskl.
Yamato-793297	7.06	L6	25.3(23.5-29.9)	20.6(19.6-21.5)		Pl(An13.2Or0.2), maskl.
Yamato-793298	4.04	H4	16.1(3.4-18.1)	16.0(13.1-25.2)		Pl(An15.6Or4.7)
Yamato-793299	8.68	H6	18.9(18.1-21.0)	16.3(14.4-17.4)		shocked, Pl(An8.2Or4.0, An13.8Or2.8), merr.
Yamato-793300	3.80	H5	17.9(17.2-20.1)	16.0(15.2-19.2)		merr., ap.
Yamato-793301	5.23	H4	19.4(17.1-24.8)	15.8(8.6-19.0)		ap.
Yamato-793302	5.51	H6	17.6(16.6-18.0)	15.4(14.8-15.9)		En50Fs6.6Wo43.3, merr.
Yamato-793303	3.51	H3	16.6(9.1-17.8)	14.9(2.0-23.1)		merr.
Yamato-793304	2.72	H5	17.6(16.7-19.4)	16.4(14.9-25.2)		merr., ap.
Yamato-793305	2.00	H4	18.1(17.1-19.7)	15.8(14.4-16.8)		merr.
Yamato-793306	2.14	H4	17.0(16.2-19.1)	15.2(14.1-16.4)		merr.
Yamato-793307	1.81	L3	21.6(2.8-24.6)	17.8(3.0-20.8)		
Yamato-793308	1.36	H6	18.1(17.5-19.2)	15.8(14.9-17.3)		En69.8Fs11.5Wo18.7, merr., maskl.
Yamato-793309	1.59	H4	20.2(18.6-23.2)	15.5(10.9-18.3)		shocked
Yamato-793310	1.71	H3	17.4(4.4-26.2)	14.9(2.7-19.4)		ap.
Yamato-793311	1.18	L6	23.9(22.9-25.0)	20.9(19.6-28.8)		En71.5Fs17.2Wo11.2
Yamato-793312	1.38	H4	18.3(17.0-20.6)	16.0(14.7-17.6)		
Yamato-793313	0.71	H6				
Yamato-793314	0.70	H5	17.4(16.4-22.3)	15.2(14.1-18.9)		ap.
Yamato-793315	0.13					
Yamato-793316	2.48	Ter				
Yamato-793317	0.95	L6	21.4(20.0-30.0)	20.7(19.0-28.3)		merr., ap., maskl.
Yamato-793318	0.77	L6	24.4(22.9-28.0)	20.7(19.8-22.4)		Pl(An9.5Or5.0), ap.
Yamato-793319	2.80	LL6	27.7(26.5-30.6)	23.2(21.4-29.8)		En63.1Fs15.7Wo21.2
Yamato-793320	2.49	LL6	27.8(26.8-29.1)	23.9(22.3-28.5)		Pl(An9.8Or4.1), ap., maskl.
Yamato-793321	379.73	CM2	11.1(0.2-51.1)	1.3(0.5-5.4)		ap.
Yamato-793322	10.58	LL6	27.7(23.3-31.9)	24.0(21.8-35.0)		ap.
Yamato-793323	25.47	H4	18.7(17.8-21.8)	16.5(15.3-22.2)		
Yamato-793324	1.97	H5	17.9(16.3-22.8)	15.6(15.0-16.4)		Pl(An13.1Or3.5)
Yamato-793325	41.69	L3	25.6(21.7-32.9)	15.1(4.7-25.8)		En84.4Fs7.6Wo8.0
Yamato-793326	7.43	H3	21.9(1.0-34.9)	10.2(1.1-34.4)		En56.7Fs2.3Wo41.0, En79.0Fs13.4Wo7.6
Yamato-793327	2.42					
Yamato-793328	3.44	H4	18.5(17.3-20.1)	16.7(15.4-23.3)		merr., ap.
Yamato-793329	9.90	H4	17.2(7.7-25.5)	14.1(5.1-18.8)		En74.0Fs20.6Wo5.4
Yamato-793330	1.19	L6	24.1(22.8-25.2)	20.6(18.7-24.4)		En47.8Fs8.0Wo44.2
Yamato-793331	4.41	Euc(pol)				
Yamato-793332	7.49	H4	18.5(17.8-21.6)	15.9(15.0-17.9)		merr.
Yamato-793333	36.62	H5	18.4(16.8-19.8)	17.0(15.1-24.0)		
Yamato-793334	5.90	H5	19.3(17.7-27.5)	16.4(15.4-17.3)		merr.
Yamato-793335	1.92	H5	19.5(17.1-34.4)	16.9(15.3-23.2)		Pl(An12.6Or4.5), merr.
Yamato-793336	0.86	LL6	31.0(30.1-32.8)	25.1(24.1-28.0)		Pl(An9.3-10.8Or4.2-5.7), En46.1Fs10Wo44.0
Yamato-793337	302.20	H6	18.3(17.8-18.7)	16.4(15.7-18.0)		Pl(An10.6)
Yamato-793338	11.89	H4	19.0(17.5-25.1)	17.1(15.2-35.7)		En49.8Fs5.6Wo44.6
Yamato-793339	14.97	H4	18.9(17.4-22.8)	16.4(13.5-18.4)		En56.8Fs7.5Wo35.7, merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793340	10.91	H4	19.1(17.2-24.3)	16.5(15.4-18.9)		En74.9Fs15.9Wo9.2
Yamato-793341	10.43	H4	19.1(17.9-23.8)	16.5(14.5-19.6)		
Yamato-793342	10.11	H4	19.3(18.1-30.8)	16.5(15.3-22.3)		En77.5Fs15.3Wo7.2
Yamato-793343	8.12	H4	18.8(17.7-20.6)	16.6(14.3-21.8)		
Yamato-793344	8.49	H4	18.7(17.5-19.7)	16.4(15.3-20.9)		
Yamato-793345	8.85	H4	18.9(17.8-22.4)	17.0(14.9-42.3)		
Yamato-793346	9.30	H4	18.5(17.5-22.9)	15.9(14.9-16.8)		merr.
Yamato-793347	7.12	H4	18.5(17.5-20.0)	17.3(15.7-22.5)		
Yamato-793348	9.12	H4	18.6(17.7-24.5)	16.5(14.9-21.6)		
Yamato-793349	6.08	H4	18.5(17.8-19.9)	16.3(14.5-20.4)		merr.
Yamato-793350	8.95	H4	18.5(17.7-20.9)	16.3(14.8-21.5)		
Yamato-793351	8.80	H4	18.6(17.6-19.3)	16.4(15.6-19.0)		En93.1Fs13.4Wo13.5
Yamato-793352	7.40	H4	18.4(17.5-20.1)	16.9(15.3-27.6)		merr.
Yamato-793353	7.70	H4	18.7(17.9-20.0)	16.3(15.1-19.2)		En48.6Fs5.6Wo45.8, merr., sp.
Yamato-793354	5.03	H4	18.6(17.7-18.5)	16.5(15.5-20.8)		En65.5Fs18.6Wo15.9
Yamato-793355	5.58	H4	18.5(17.1-19.7)	16.5(15.4-19.1)		En54.3Fs10.5Wo35.2
Yamato-793356	4.52	H4	19.2(17.6-23.1)	16.4(15.3-18.5)		
Yamato-793357	3.67	H4	18.5(17.2-20.9)	16.6(14.5-22.7)		En77.7Fs14.7Wo7.5, En66.6Fs11.3Wo22.2 En48.7Fs5.3Wo46.0, merr.
Yamato-793358	3.61	H4	18.8(18.1-22.5)	16.6(15.6-18.2)		En50.5Fs6.2Wo43.4
Yamato-793359	3.26	H4	18.8(17.8-21.6)	16.4(14.8-20.4)		merr.
Yamato-793360	2.09	H4	19.1(17.5-24.2)	16.5(15.3-21.3)		En75.4Fs14.7Wo9.9, ap.
Yamato-793361	1.16	H4	18.9(17.8-22.2)	16.5(15.7-18.2)		merr., ap.
Yamato-793362	2.95	H4	19.0(17.8-24.3)	16.6(15.0-19.9)		ap.
Yamato-793363	1.15	H6	19.0(17.9-19.8)	16.5(15.7-17.2)		Pl(An12.4Or5.1)
Yamato-793364	0.95	H4	18.6(17.6-19.9)	16.5(14.4-23.6)		En77.3Fs15.7Wo7.1
Yamato-793365	1.42	H4	18.3(17.3-19.0)	15.8(15.1-16.8)		merr.
Yamato-793366	0.77					
Yamato-793367	1.48	L6	24.3(23.5-25.3)	20.8(19.2-23.9)		En44.9Fs13.2Wo41.9, merr., maskl.
Yamato-793368	10.93	H4	17.9(16.9-20.1)	16.0(13.6-19.2)		En74.3Fs13.4Wo12.4, merr.
Yamato-793369	43.63	L3	23.4(17.4-25.3)	14.5(4.3-31.1)		En75.0Fs19.6Wo5.4, ap.
Yamato-793370	22.28	L3	23.9(14.1-25.9)	13.4(3.0-24.5)		
Yamato-793371	4.84	H3	17.6(16.9-21.8)	16.7(10.8-32.9)		En81.9Fs12.9Wo5.2, merr.
Yamato-793372	9.61	H4	18.4(17.5-21.1)	16.1(14.5-19.3)		
Yamato-793373	78.01	H4	18.0(17.1-20.3)	15.0(9.9-16.3)		
Yamato-793374	206.91	L3	25.3(17.1-38.1)	14.7(4.3-27.2)		ap.
Yamato-793375	4864	L3	24.5(18.2-31.9)	12.8(3.9-25.3)		chro.
Yamato-793376	19.33	H4	18.0(16.5-18.8)	16.3(14.6-33.9)		En48.1Fs6.3Wo45.3
Yamato-793377	11.08	H6	18.7(18.0-27.2)	16.9(14.7-24.9)		Pl(An10.8-11.3Or0.5-5.7), ap.
Yamato-793378	62.12	H5	17.9(17.1-18.8)	15.8(15.1-16.8)		
Yamato-793379	11.53	LL6	27.8(27.1-28.5)	22.9(21.8-24.4)		Pl(An10.3Or4.6)
Yamato-793380	4.68	LL6	27.7(26.9-28.9)	23.2(21.4-27.1)		
Yamato-793381	5.55	H3	17.4(16.8-18.3)	15.3(9.7-22.0)		merr.
Yamato-793382	5.67	L3	24.4(13.0-33.2)	16.1(4.0-33.9)		En60.5Fs16.2Wo23.4, En65.4-85.9Fs8.8-25.6Wo5.3-13.3, merr.
Yamato-793383	1.29	H4	19.4(16.1-40.7)	16.9(15.0-24.6)		En46.3Fs6.8Wo46.4
Yamato-793384	12.19	3	13.9(0.2-33.2)	9.2(0.2-34.1)		
Yamato-793385	44.30	L6	24.4(23.3-25.9)	20.7(19.7-24.4)		Pl(An13.5-14.8Or0.4-5.1), En46.2Fs9.3Wo44.5, En67.8Fs22.4Wo9.8, merr., maskl.
Yamato-793386	132.64	H4	18.3(17.0-19.7)	15.9(15.2-17.1)		En76.5Fs14.7Wo8.8
Yamato-793387	17.26	H4	18.4(17.4-21.3)	16.5(14.9-20.3)		merr.
Yamato-793388	8.24	H	18.6(17.6-19.5)	16.9(15.0-26.7)		regolith breccia, En75.8Fs13.7Wo10.5
Yamato-793389	3.96	H4	18.6(17.4-27.1)	16.4(14.8-23.0)		merr.
Yamato-793390	18.17	H5	17.8(16.9-19.8)	15.6(14.8-16.3)		Pl(An12.6Or4.3)
Yamato-793391	1.80	H5	18.1(16.7-21.9)	16.4(14.7-24.6)		Pl(An14.1), En43.8Fs18.4Wo38.2, merr.
Yamato-793392	83.06	L4	24.3(23.2-25.8)	21.0(19.3-33.3)		
Yamato-793393	4.29	H4	18.6(16.8-22.1)	16.4(15.2-20.6)		
Yamato-793394	226.05	L6	24.3(23.3-25.7)	20.7(19.0-24.7)		Pl(An9.8, 11.5), En62.1Fs12.0Wo26.0, maskl.
Yamato-793395	3.12	L6	24.1(22.4-24.8)	20.5(17.1-24.1)		Pl(An9.8Or1.9), En48.4Fs8.1Wo43.5, ap., maskl.
Yamato-793396	364.11	L3	21.3(19.8-22.4)	13.3(4.5-34.0)		Pl(An69.0), ap.
Yamato-793397	254.38	L5	24.5(24.0-25.2)	20.6(19.6-22.9)		
Yamato-793398	15.97	H4	18.3(19.4-19.5)	16.1(14.5-18.1)		En76.0Fs18.9Wo5.1
Yamato-793399	9.60	L6	24.4(23.3-27.6)	21.3(19.7-33.5)		merr., ap., maskl.
Yamato-793400	7.95	L4	24.2(23.0-29.7)	20.2(18.6-21.8)		
Yamato-793401	2554	L6	24.5(23.2-25.3)	20.3(18.8-21.8)		merr., ap.
Yamato-793402	161.39	L6	24.3(23.1-25.7)	20.3(19.4-21.6)		maskl.
Yamato-793403	286.80	H4	17.2(15.1-19.5)	15.4(13.6-21.3)		En50.4Fs5.6Wo40, ap.
Yamato-793404	6.19	H4	18.6(17.8-22.7)	16.0(15.1-17.4)		merr.
Yamato-793405	6.03	H4	18.0(17.3-19.1)	15.6(14.9-16.9)		
Yamato-793406	4.49	H6	18.6(17.3-25.3)	16.5(14.8-21.7)		Pl(An11.3-14.1Or4.6-8.2), En48.1Fs5.8Wo46.2, merr.
Yamato-793407	2.15	H6	17.9(17.3-18.3)	15.6(15.0-18.1)		Pl(An11.9Or4.5, An13.4Or5.8), merr.
Yamato-793408	1140	L3	11.4(0.2-23.5)	10.7(1.7-31.4)		
Yamato-793409	539.61	H5	16.8(16.3-17.5)	14.8(14.1-15.5)		
Yamato-793410	45.41	H4	18.1(16.8-19.2)	15.9(14.9-18.6)		
Yamato-793411	48.92	L6	24.4(23.2-32.9)	20.6(19.2-31.1)		En47.6Fs8.1Wo44.3, merr., maskl.
Yamato-793412	53.78	H4	18.4(16.8-21.8)	16.3(14.6-21.9)		merr.
Yamato-793413	14.08	H4	18.8(18.1-20.4)	16.2(15.2-21.5)		merr.
Yamato-793414	15.20	H4	17.8(16.9-19.5)	15.8(14.7-17.5)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793415	9.71	H4	18.5(17.6-19.4)	16.2(14.9-18.1)		En70.3Fs13.3Wo16.4, En74.9Fs13.6Wo11.5
Yamato-793416	5.17	L6	24.8(23.8-26.8)	21.1(19.8-31.2)		Pl(An11.3Or4.7), En47.0Fs7.9Wo44.1
Yamato-793417	6.91	H6	19.1(17.4-20.4)	16.6(15.5-17.3)		En47.7Fs6.5Wo45.8
Yamato-793418	6.79	H4	18.8(17.4-20.7)	16.5(14.6-19.2)		En70.7Fs12.6Wo16.7, ap.
Yamato-793419	1.01	H4	17.7(16.5-20.5)	15.8(13.9-20.9)		En80.5Fs14.3Wo5.3
Yamato-793420	0.60					
Yamato-793421	188.82	L6	24.6(23.3-25.8)	20.9(19.7-25.0)		En45.5Fs9.3Wo45.2, En73.9Fs18.9Wo7.2, ap.
Yamato-793422	78.51	L6	24.5(23.2-25.8)	20.6(19.6-21.5)		Pl(An12.1Or5.3), En47.0Fs7.5Wo45.4, maskl.
Yamato-793423	106.09	L6	25.1(24.1-28.8)	21.0(19.9-22.8)		En47.3Fs6.6Wo46.1
Yamato-793424	13.17	L6	24.5(23.5-25.4)	20.9(19.3-24.9)		shocked, En47.0Fs8.2Wo44.8
Yamato-793425	13.28	L6	25.1(23.8-28.4)	21.1(20.2-23.5)		En47.2Fs9.0Wo43.8
Yamato-793426	10.55	H4	18.6(17.6-20.1)	16.4(15.2-19.1)		En48.6Fs4.9Wo46.6, merr.
Yamato-793427	24.67	H4	18.8(18.2-22.1)	16.3(15.4-17.1)		
Yamato-793428	23.10	H4	18.8(18.0-21.0)	16.5(14.9-23.1)		merr.
Yamato-793429	3.97	H4	18.9(18.1-22.4)	16.5(15.1-19.7)		En52.8Fs7.1Wo40.0
Yamato-793430	3.42	H4	18.7(17.9-19.9)	16.3(15.2-17.5)		merr.
Yamato-793431	4.15	H4	18.5(17.2-25.7)	16.1(14.9-19.4)		merr.
Yamato-793432	14.71	L6	24.3(23.0-25.7)	20.3(19.0-21.2)		Pl(An10.6Or5.1)
Yamato-793433	3.08	E3	1.5	1.8(0.3-15.2)		
Yamato-793434	6.54	H4	18.2(17.6-19.4)	15.9(15.0-16.9)		ap.
Yamato-793435	23.93	H5	18.2(17.2-19.0)	16.3(15.1-22.5)		merr.
Yamato-793436	1.28	H6	19.0(17.9-22.6)	16.6(15.5-20.3)		Pl(An13.4Or4.9), maskl.
Yamato-793437	78.87	H5	18.3(17.1-21.6)	16.5(15.2-24.2)		En51.0Fs6.4Wo42.6, merr.
Yamato-793438	12.18	L6	24.3(22.8-26.1)	20.8(19.4-28.2)		Pl(An9.3Or7.8), En46.5Fs8.9Wo44.6
Yamato-793439	7.83	L6	24.2(23.3-25.4)	20.9(19.2-35.7)		En47.9Fs7.9Wo40.2
Yamato-793440	0.40					
Yamato-793441	2.78	H4	18.2(16.5-24.1)	15.7(10.7-17.9)		Pl(An14.2Or3.1), En65.4Fs12.6Wo22.0, merr.
Yamato-793442	2.40	H5	17.8(17.1-18.7)	15.5(14.4-16.4)		
Yamato-793443	10.43	L6	24.1(23.4-26.1)	20.3(18.9-22.9)		Pl(An10.8Or2.2), En45.2Fs10.6Wo44.2
Yamato-793444	1099	H4	18.5(17.7-19.3)	15.9(14.8-16.4)		
Yamato-793445	60.45	H4	18.0(17.4-18.6)	15.7(11.7-17.0)		En77.7Fs13.1Wo9.2, En59.9Fs10.1Wo30.0
Yamato-793446	6.59	H4	18.3(17.2-20.2)	16.4(15.3-21.1)		merr.
Yamato-793447	141.43	L4	22.9(21.6-26.7)	19.6(18.0-30.5)		merr.
Yamato-793448	242.48	L6	24.2(23.2-25.6)	20.4(19.0-24.2)		En46.8Fs6.2Wo47.0
Yamato-793449	103.79	L6	24.2(22.8-25.7)	20.5(19.8-22.1)		Pl(An9.6Or3.9)
Yamato-793450	6.14	L6	24.0(23.1-24.8)	20.7(19.2-24.5)		En47.8Fs7.5Wo44.7
Yamato-793451	4.29	L6	24.1(23.2-25.1)	20.3(19.1-23.5)		En48.7Fs7.5Wo43.7, maskl.
Yamato-793452	5.51	L6	24.3(23.2-25.7)	21.7(19.6-37.7)		Pl(An11.5Or1.8), En47.7Fs7.1Wo42.5
Yamato-793453	3.78	L6	24.7(23.6-32.3)	21.3(19.5-36.5)		En47.1Fs7.7Wo45.3, maskl.
Yamato-793454	2.18	L6	24.7(23.3-27.2)	20.5(19.3-23.3)		En48.3Fs7.8Wo43.9
Yamato-793455	8.25	H4	17.2(0.1-25.3)	14.7(2.6-21.8)		
Yamato-793456	9.32	H4	18.7(15.7-21.4)	15.9(9.1-18.2)		
Yamato-793457	9.99	H4	18.7(17.8-23.5)	16.4(15.5-21.1)		En74.2Fs13.6Wo12.1
Yamato-793458	2.74	H6	19.1(18.1-23.1)	16.9(15.6-28.2)		Pl(An10.1Or4.4), merr.
Yamato-793459	8.61	H4	18.7(17.4-20.1)	16.2(14.0-17.6)		En59.9Fs9.6Wo30.6
Yamato-793460	7.62	H4	18.9(17.7-20.2)	16.3(15.2-17.7)		En63.1Fs10.5Wo26.4
Yamato-793461	6.52	H5	18.1(17.1-18.7)	16.1(14.9-18.8)		En59.8Fs8.9Wo31.3
Yamato-793462	2.09	H6	19.1(17.7-22.4)	17.5(15.1-30.4)		En77.9Fs14.6Wo7.4
Yamato-793463	2.51	H6	18.4(17.3-19.3)	17.0(15.4-34.9)		ap.
Yamato-793464	2801	L6	24.4(23.0-25.0)	20.3(19.1-20.9)		
Yamato-793465	18.33	L6				
Yamato-793466	13.21	L6	24.9(23.9-30.3)	21.3(19.4-31.5)		Pl(An10.8Or4.2, An11.3Or4.8), En46.2Fs8.1Wo45.7
Yamato-793467	6.22	L6	24.8(24.0-25.9)	20.7(17.6-22.3)		En46.6Fs6.9Wo46.7, En47.3Fs7.9Wo44.8, maskl.
Yamato-793468	8.43	L6	25.4(23.8-28.6)	21.1(19.9-25.8)		Pl(An11.0Or7.2, An11.7Or2.7), En47.2Fs7.9Wo44.9
Yamato-793469	1.16	L6	25.0(24.1-25.9)	21.2(20.0-27.8)		Pl(An10.9-11.2Or6.1-6.3,), En44.7Fs10.5Wo44.8, ap., maskl.
Yamato-793470	101.41	L6	24.7(23.6-29.6)	21.1(19.6-28.3)		En45.6Fs10.4Wo44.0, En46.3Fs8.9Wo44.8
Yamato-793471	16.34	H	18.7(17.8-20.7)	16.4(15.4-18.2)		regolith breccia
Yamato-793472	10.08	H6	18.6(17.5-19.7)	16.2(15.1-21.4)		regolith breccia, Pl(An12.1Or2.5)
Yamato-793473	6.05	H4	18.6(17.3-20.2)	16.6(14.7-23.0)		regolith breccia, En47.3Fs5.5Wo47.2
Yamato-793474	5.53	H4	17.7(16.5-23.1)	16.4(14.3-23.3)		En56.5Fs17.6Wo5.3, En56.5Fs7.0Wo36.5, merr.
Yamato-793475	4.83	H6	18.9(17.0-26.3)	16.2(15.2-17.3)		merr.
Yamato-793476	3.15	H6	18.3(17.2-21.0)	16.5(14.8-20.6)		En46.1Fs10.3Wo43.6
Yamato-793477	6.95	H4	17.1(15.5-20.8)	15.4(14.5-19.0)		En57.2Fs8.0Wo34.9, merr.
Yamato-793478	7.51	H5	18.2(17.4-19.3)	16.0(14.5-17.8)		
Yamato-793479	5.08	H5	18.8(17.3-25.3)	16.4(14.6-20.5)		Pl(An24.7Or2.5), En77.9Fs14.5Wo7.6, merr., ap.
Yamato-793480	6.18	L5	24.4(23.1-25.5)	20.5(19.4-23.0)		
Yamato-793481	72.17	H6	17.8(16.1-22.6)	15.4(14.3-15.9)		
Yamato-793482	56.09	LL6	29.0(27.6-30.7)	22.8(11.6-25.4)		breccia, Pl(An9.8Or2.2), merr.
Yamato-793483	105.32	L5	24.8(22.7-27.8)	21.1(19.7-22.7)		En46.6Fs7.8Wo45.5
Yamato-793484	15.27	L5	24.0(22.4-28.6)	20.4(19.1-24.4)		En47.2Fs6.0Wo46.8, merr.
Yamato-793485	8.98	L5	23.5(22.4-24.5)	20.1(17.4-23.4)		En48.2Fs6.7Wo45.1
Yamato-793486	0.87	L6	25.1(22.3-26.6)	21.0(19.4-23.8)		Pl(An10.4Or5.5), En45.6Fs8.4Wo45.0
Yamato-793487	17.59	L4	25.2(23.9-26.8)	20.5(6.1-23.3)		merr.
Yamato-793488	6.12	H6	19.2(18.3-20.5)	16.6(15.5-17.4)		Pl(An11.5Or3.9, An11.4Or6.8), En48.3Fs7.0Wo44.6
Yamato-793489	4.20	L6	24.9(23.8-27.2)	21.5(19.5-29.3)		
Yamato-793490	1.79	L6	24.7(23.0-26.5)	20.8(19.0-24.7)		En46.9Fs8.5Wo44.6, maskl.
Yamato-793491	3.06	H4	18.3(17.0-22.4)	16.1(14.7-19.5)		
Yamato-793492	2.85	L6	24.4(23.5-26.7)	20.8(19.0-27.4)		maskl.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793493	1.85	L6	24.4(23.3-26.9)	20.7(19.3-25.4)		Pl(An10.3Or5.4), En47.6Fs8.0Wo44.5
Yamato-793494	2.12	L3	22.3(4.7-26.1)	14.1(5.0-20.7)		
Yamato-793495	45.01	CR2	5.1(0.7-44.5)	4.0(1.3-23.3)		
Yamato-793496	4583	L6	24.4(23.1-25.6)	20.5(19.8-21.3)		
Yamato-793497	69.06	How	(28.7-33.5)	(14.6-60.9)		Pl(An84.9-95.8), En33.3-84.2Fs14.6-60.9Wo0.8-13.5
Yamato-793498	43.01					
Yamato-793499	10.16	L4	24.1(23.0-26.2)	20.1(19.5-20.9)		En55.9Fs9.6Wo34.5, merr.
Yamato-793500	5.67	CM2				
Yamato-793501	305.66	H4	18.2(17.6-19.0)	15.7(14.6-16.5)		En76.5Fs14.5Wo9.0, merr.
Yamato-793502	1.00	L	23.3(17.7-27.6)			regolith breccia, En72.3Fs20.4Wo7.3
Yamato-793503	14.29	H6	19.1(18.3-21.2)	16.8(15.9-18.1)		Pl(An12.2Or5.1), En48.6Fs6.6Wo44.8, En70.2Fs16.0Wo13.8
Yamato-793504	2.42	H4	18.6(16.9-21.6)	16.5(15.4-19.2)		merr.
Yamato-793505	1.12	H	18.9(18.3-19.5)	16.3(14.5-17.4)		regolith breccia
Yamato-793506	939	LL6	29.7(28.8-30.2)	23.8(22.8-24.5)		Pl(An10.3,11.7), En47.1Fs9.3Wo43.6
Yamato-793507	9.41	H5	18.5(17.5-19.2)	16.2(14.2-16.9)		
Yamato-793508	165.57	L6				
Yamato-793509	4.62	L4	24.9(23.5-29.2)	20.9(20.3-22.8)		En52.9Fs8.4Wo38.6, merr.
Yamato-793510	322.35	H4	18.5(17.8-19.1)	16.4(15.5-19.0)		En65.4Fs10.8Wo23.7, merr.
Yamato-793511	14.29	L6				
Yamato-793512	16.75	H5	17.6(16.1-20.1)	16.1(14.5-18.5)		merr.
Yamato-793513	12.26					
Yamato-793514	473.60	H5	18.4(17.7-19.2)	15.9(15.1-16.3)		En78.7Fs14.9Wo6.4
Yamato-793515	440.73	H5	18.8(17.9-20.6)	16.4(15.5-19.8)		Pl(An12.7), merr. with H6
Yamato-793516	83.24	H5	18.2(17.1-19.6)	16.4(15.5-17.2)		merr.
Yamato-793517	91.63	H6	19.3(18.1-21.5)	17.8(16.0-25.4)		with H5
Yamato-793518	74.31	H5	18.6(17.5-20.6)	16.5(15.4-18.5)		
Yamato-793519	50.87	H5	18.9(17.2-25.0)	16.2(14.8-17.8)		
Yamato-793520	27.52	H5	18.4(16.4-22.7)	16.1(15.0-17.6)		
Yamato-793521	30.93	H6	19.3(18.1-25.7)	16.3(6.9-18.0)		
Yamato-793522	27.56	H5	18.9(18.0-20.3)	16.3(13.9-18.6)		Pl(An12.2Or4.2), En76.7Fs14.4Wo8.9 with H6
Yamato-793523	13.25	H5	18.4(17.5-19.3)	16.1(15.3-16.9)		merr.
Yamato-793524	11.63	H5	19.5(17.7-22.9)	16.6(15.7-17.8)		En74.0Fs18.2Wo7.8, En46.5Fs7.5Wo46.1 with H6
Yamato-793525	9.51	H6	20.5(18.1-32.2)	17.5(15.5-27.7)		merr.
Yamato-793526	7.28	H5	18.6(17.6-19.6)	16.2(14.7-18.1)		with H6
Yamato-793527	3.94	H5	19.1(17.5-26.2)	16.1(14.0-17.5)		merr., ap.
Yamato-793528	1.37	H5	19.2(17.2-24.9)	16.0(15.1-17.6)		merr., ap.
Yamato-793529	1.58	H5	19.1(17.7-22.5)	16.4(15.1-18.7)		
Yamato-793530	3.33	CM2				
Yamato-793531	5.04	H6	19.3(18.4-20.4)	16.7(15.8-18.0)		
Yamato-793532	0.95					
Yamato-793533	510.32	LL	30.2(27.8-34.4)	23.2(21.4-24.4)		shock-melted, En52.5-69.7Fs17.4-24.7Wo6.1-30.1
Yamato-793534	706	L	25.4(19.7-29.1)	19.7(18.2-24.4)		shock-melted, En73.8Fs20.5Wo5.6, En55.4Fs16.1Wo28.4, maskl.
Yamato-793535	411.47	H6	18.9(18.2-20.0)	16.5(16.0-17.1)		regolith breccia, ap
Yamato-793536	87.67	H6	18.8(17.7-20.1)	16.5(15.4-17.7)		regolith breccia, Pl(An12.5Or5.0), En48.8Fs6.0Wo45.2, maskl.
Yamato-793537	56.91	H6	18.7(16.9-19.5)	16.5(15.0-19.1)		regolith breccia, Pl(An12.6Or4.9), En53.4Fs3.5Wo39.2, maskl.
Yamato-793538	5.63	H	19.0(17.2-27.3)	16.7(15.3-20.1)		regolith breccia, Pl(An13.1Or5.1)
Yamato-793539	1224	LL6	29.2(27.3-31.7)	23.5(21.9-24.9)		shock-melted, En68.4Fs24.3Wo7.3, En48.8Fs15.2Wo36.0
Yamato-793540	6.68	H5	17.8(16.6-19.2)	15.9(14.9-19.9)		
Yamato-793541	24.82	How	(72.5-79.8)	(26.1-41.1)		Pl(An82.2-95.1), En10.6-70.1Fs25.3-67.0Wo2.9-39.3
Yamato-793542	254.99	L6	23.3(22.2-25.2)	19.8(18.7-20.3)		merr.
Yamato-793543	20.49	How		(25.5-61.2)		Pl(An80.5-93.6), En12.8-70.3Fs25.5-66.3Wo3.7-38.5
Yamato-793544	21.68	How	79.8	(24.1-61.0)		Pl(An79.9-93.2), En25.0-72.3Fs24.1-61.0Wo3.5-42.7
Yamato-793545	37.22	H5	18.4(17.8-19.3)	16.5(14.8-21.5)		merr., ap.
Yamato-793546	20.60	How	80.1	(25.7-35.7)		Pl(An80.3-95.0), En3.2-70.0Fs25.7-55.2Wo3.6-42.1
Yamato-793547	54.04	Euc(pol)		(32.7-43.1)		Pl(An79.2-93.2), En26.8-68.4Fs17.3-63.9Wo3.4-41.9
Yamato-793548	62.33	Euc(pol)		(25.6-33.4)		Pl(An78.1-94.8), En27.6-25.6Fs25.6-52.0Wo4.0-31.4
Yamato-793549	13.86	Euc(pol)		(24.2-43.8)		Pl(An80.5-94.0), En11.6-71.6Fs24.2-62.3Wo2.4-37.4
Yamato-793550	6.05	How	(78.2-79.1)	(26.4-57.6)		Pl(An70.7-95.3), En1.9-69.4Fs26.4-60.1Wo2.4-42.4
Yamato-793551	87.07	H5	18.7(17.6-21.8)	16.4(14.9-18.5)		merr., ap.
Yamato-793552	29.55	H4	18.3(17.1-20.5)	16.0(14.2-21.2)		merr.
Yamato-793553	7.58	H4	18.3(16.6-21.6)	15.7(14.7-21.0)		
Yamato-793554	3.72	L5	24.3(23.8-25.5)	20.8(19.2-23.4)		En71.6Fs12.1Wo16.2, merr.
Yamato-793555	2.62	H5	18.4(17.3-19.7)	16.4(15.1-23.1)		merr.
Yamato-793556	65.26	H4	18.0(17.2-19.1)	16.1(15.1-18.2)		ap.
Yamato-793557	5.62	Dio(A)				
Yamato-793558	6.34	L5	24.2(23.3-25.3)	20.8(18.9-24.3)		Pl(An10.3Or5.2, An8.7Or6.1)
Yamato-793559	2.34	H6	18.3(17.4-18.8)	16.3(15.7-18.2)		Pl(An11.6Or5.5), merr.
Yamato-793560	9.46	H6	18.4(17.7-19.3)	16.7(15.3-20.4)		Pl(An11.0Or6.1), En59.3Fs8.7Wo32.0, merr.
Yamato-793561	5.63	H6	18.5(17.8-19.4)	16.6(15.4-21.8)		Pl(An11.9Or6.7), En47.1Fs8.0Wo44.8
Yamato-793562	1.38	H5	19.1(17.3-25.1)	16.1(14.9-18.2)		merr.
Yamato-793563	27.73	H4	18.7(17.3-28.0)	15.8(14.8-16.8)		merr.
Yamato-793564	7.48	CM2				
Yamato-793565	16.24	LL3	12.1(0.5-26.4)	9.6(0.8-39.6)		En52.4Fs9.4Wo38.3, En39.1Fs41.7Wo19.2, En80.5Fs10.6Wo8.9

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-793566	3.68	L3	24.3(23.4-25.2)	20.5(18.8-22.9)		Pl(An8.4Or9.1), En47.8Fs8.0Wo44.3
Yamato-793567	700	L3	18.0(0.5-33.0)	10.0(1.9-19.7)		Pl(An0.9)
Yamato-793568	3.43	H6	18.2(17.8-18.8)	16.7(15.5-23.6)		Pl(An10.8Or3.6)
Yamato-793569	429.74	L6	25.0(24.6-27.4)	20.6(19.0-25.5)		Pl(An10.4-11.7)
Yamato-793570	43.56	Euc		(37.1-72.6)		Pl(An79.1-93.8), En6.9-72.6Fs24.2-58.9Wo3.2-41.9
Yamato-793571	25.95	L3	22.1(17.5-24.2)	17.9(11.6-28.9)		En72.0Fs13.4Wo14.6, En74.0Fs17.5Wo8.6, merr.
Yamato-793572	7.18	L3	22.8(21.7-26.5)	18.6(13.1-21.9)		En75.9Fs17.9Wo6.4
Yamato-793573	14.21	L3	22.4(21.5-24.2)	18.6(8.9-25.8)		En73.2Fs19.8Wo7.0, ap.
Yamato-793574	88.35	H3	17.2(2.1-35.4)	16.3(2.2-35.6)		En78.0Fs14.0Wo8.0
Yamato-793575	25.00	Unique	39.0(37.5-40.0)			chondrite, Pl(An7.3-11.6)
Yamato-793576	1.38	L3	23.9(22.9-24.8)	20.0(18.3-25.7)		
Yamato-793577	20.53	How		(26.0-46.6)		Pl(An81.6-95.3), En6.7-70.4Fs19.9-56.9Wo2.8-41.5
Yamato-793578	3.48	L3	22.3(5.3-31.2)	3.0(5.0-26.3)		En64.3Fs29.1Wo6.6, ap.
Yamato-793579	8.65	H6	19.1(17.5-20.5)	16.4(15.6-17.0)		Pl(An10.7Or22.9)
Yamato-793580	37.82	H6	18.6(17.7-19.4)	16.2(15.5-16.8)		Pl(An12.0Or5.4), En55.0FS7.2Or37.8
Yamato-793581	11.44	C				
Yamato-793582	99.49	H4	18.6(16.3-21.8)	16.0(14.5-19.7)		
Yamato-793583	8.87	L6	24.3(23.4-24.8)	20.7(19.4-25.7)		Pl(An10.3Or5.5), En48.6Fs6.7Wo44.8
Yamato-793584	21.56	LL6	30.8(29.9-31.6)	24.8(24.2-27.2)		Pl(An10.7Or5.1), En45.5Fs9.8Wo44.7
Yamato-793585	10.69	L6	24.8(23.3-26.3)	20.7(19.7-21.6)		Pl(An9.4Or5.8), ap.
Yamato-793586	13.84	CM2	15.1(0.2-48.5)	1.2(0.5-4.3)		
Yamato-793587	43.41	H6	18.5(17.5-19.4)	16.3(15.4-17.6)		En46.9Fs6.0Wo47.1, En70.4Fs11.7Wo17.9
Yamato-793588	72.15	H6	12.7(0.6-23.5)	11.1(1.6-35.4)		En70.1Fs22.4Wo7.5
Yamato-793589	51.38	H6	10.9(0.3-25.5)	9.3(1.4-28.8)		
Yamato-793590	114.03	H6	12.7(0.5-29.2)	8.9(0.7-30.0)		
Yamato-793591	661.8	Euc		(34.4-58.4)		Pl(An76.9-92.5), En23.6-61.7Fs31.7-58.4Wo2.7-34.1
Yamato-793592	31.99	Aub	(0-0.2)	(0-3.3)		Pl(An2.3Or3.1), En98.4-99.6Fs0-3.3Wo0.1-48.0), Ni-poor metal, tro., daubreelite
Yamato-793593	84.70	Euc		(46.9-61.6)		Pl(An74.3-93.2), En30.3-61.6Fs27.5-61.6Wo2.4-43.0
Yamato-793594	803.4	H5	18.1(17.3-18.8)	16.0(14.9-17.2)		En78.4Fs14.9Wo6.7
Yamato-793595	48.22	CM2	17.3(0.5-50.9)	2.4(1.0-3.8)		Pl(An6.3Or7.4), En59.3Fs0.9Wo39.8, ap.
Yamato-793596	62.93	LL3	13.5(0.5-30.6)	8.2(0.5-38.7)		
Yamato-793597	288.1	L6	24.7(23.4-25.7)	20.3(19.6-21.3)		shocked
Yamato-793598	138.23	Iron				
Yamato-793599	119.3	LL	28.8(26.7-30.6)	23.8(21.4-25.4)		shock-melted, En47.4-71.5Fs15.1-26.0Wo5.4-31.3
Yamato-793600	54.15	Euc	83.4	(19.3-63.6)		shocked, Pl(An88.0-95.9Or0.1-0.8)
Yamato-793601	13.49	CM2	11.6(0.2-53.9)	1.54(0.4-5.5)		ap.
Yamato-793602	7.97					
Yamato-793603	1.33					
Yamato-793604	0.93					
Yamato-794001	97.38	L6	24.4(21.0-27.8)	20.8(20.0-22.8)		Pl(An9.5Or0.4), En42.4Fs15.8Wo41.8, merr., ap., maskl.
Yamato-794002	105.90	Euc(pol)	(77.4-78.2)	(27.3-35.0)		Pl(An80.4-94.2), En25.1-68.3Fs27.3-59.9Wo3.1-35.3
Yamato-794003	12.24	H6	19.2(18.019.7)	16.6(15.8-17.5)		Pl(An12.2Or5.6)
Yamato-794004	11.92	L6	24.7(23.6-25.3)	20.6(19.8-21.3)		Pl(An11.0Or6.7), En47.3Fs8.0Wo44.9, ap., maskl.
Yamato-794005	118.73	L4	24.1(22.9-25.3)	20.7(19.3-25.0)		merr.
Yamato-794006	257.07	L4	24.5(23.3-27.7)	20.3(19.2-22.5)		merr.
Yamato-794007	78.76	H3	17.3(16.1-20.2)	14.0(5.4-29.0)		En68.3Fs26.0Wo5.6
Yamato-794008	19.82	H3	17.1(15.4-18.8)	12.2(2.6-22.8)		En81.1Fs13.4Wo5.4
Yamato-794009	54.19	H3	17.6(15.7-18.9)	15.6(13.2-17.2)		En54.8Fs9.9Wo35.3
Yamato-794010	24.56	L6	24.9(23.9-26.3)	20.8(19.5-24.0)		Pl(An11.0Or5.7), En46.0Fs8.1Wo46.0, merr.
Yamato-794011	19.00	H3	17.0(15.2-18.9)	14.5(6.4-24.4)		En61.4Fs4.6Wo33.9, ap.
Yamato-794012	14.31	H4	17.9(16.6-22.9)	16.4(14.8-22.5)		
Yamato-794013	11.10	H4	17.9(16.5-32.6)	16.0(14.8-19.1)		merr.
Yamato-794014	5.48	H6	19.3(18.5-20.6)	16.9(15.4-18.3)		Pl(An12Or6.1), En47.7Fs7.6Wo44.7, veins
Yamato-794015	12.13	H4	17.7(16.2-25.4)	15.3(14.5-16.7)		merr.
Yamato-794016	28.61	Euc(mon)		(55.5-59.8)		Pl(An75.6-81.4), En31.2-39.7Fs36.7-59.8Wo1.9-29.3
Yamato-794017	29.34	L6	24.4(22.9-31.6)	20.0(18.7-20.9)		merr.
Yamato-794018	6.80	L6	23.8(23.2-24.6)	19.9(19.2-20.8)		En44.0Fs16.9Wo39.1
Yamato-794019	1.47	CM2	12.8(0.1-51.0)			ap.
Yamato-794020	6.38	H6	18.0(17.1-18.7)	15.7(14.7-18.4)		Pl(An13.1Or4.8)
Yamato-794021	5.17	H5	18.2(17.5-23.0)	15.6(14.4-16.5)		
Yamato-794022	2.70	H6	17.8(17.1-18.4)	16.3(14.6-25.9)		merr., ap.
Yamato-794023	25.82	H4	18.2(16.9-19.1)	15.9(14.6-18.1)		En55.9Fs7.3Wo36.8
Yamato-794024	16.82	LL	28.6(27.1-31.2)	23.8(23.3-24.4)		
Yamato-794025	56.24	H5	17.4(15.9-18.4)	15.5(14.5-17.3)		merr.
Yamato-794026	1.20	L6	23.9(21.9-24.6)	20.0(16.2-22.7)		Pl(An5.5Or5.4), En48.3Fs2.4Wo49.3
Yamato-794027	2.02	H6	17.4(16.9-18.2)	15.0(14.1-15.5)		Pl(An13.8Or4.7)
Yamato-794028	13.81	H6	18.8(17.2-19.2)	16.5(16.1-17.2)		Pl(An10.7Or5.8)
Yamato-794029	26.11	H6	19.1(18.5-19.7)	16.6(15.9-17.2)		
Yamato-794030	3.43					
Yamato-794031	12.59	H5	18.2(17.4-20.5)	16.1(14.8-17.7)		En63.8Fs9.8Wo26.4, merr.
Yamato-794032	11.84	H4	18.5(17.3-23.5)	16.1(15.3-18.3)		
Yamato-794033	3.05	L5	24.5(23.7-29.9)	20.4(17.5-23.1)		Pl(An12.1Or11.3), En48.1Fs6.8Wo45.2
Yamato-794034	1.99	H5	19.0(17.2-30.0)	16.5(12.8-20.5)		
Yamato-794035	1.79					
Yamato-794036	56.17					
Yamato-794037	7.11					
Yamato-794038	8.56					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-794039	42.72					
Yamato-794040	109.92	L6	24.4(23.0-26.6)	21.1(19.9-26.0)		En46.6Fs8.6Wo44.8, merr., maskl.
Yamato-794041	25.37	L5	23.3(22.2-24.3)	19.9(18.1-22.1)		En50.2Fs7.7Wo42.1
Yamato-794042	206.08	L4	23.9(22.9-24.5)	20.0(19.0-23.3)		
Yamato-794043	88.69	Euc(mon)		(47.3-60.5)		Pl(An75.4-94.1), En30.2-64.7Fs27.0-60.5Wo2.2-42.8
Yamato-794044	1228	L6	25.2(23.7-31.8)	20.5(20.0-21.3)	B	maskl.
Yamato-794045	105.74					
Yamato-794046	206.65	H4	18.5(17.5-19.5)	17.0(14.9-29.8)		
		Clast	19.4(18.2-20.4)	14.7(12.7-16.4)		En58.3Fs10.9Wo30.8, En77.6Fs15.9Wo6.5
Yamato-794047	206.50	H4	18.3(15.3-22.1)	16.9(15.2-27.5)		En73.4Fs16.3Wo10.3, merr.
Yamato-794048	59.85	H4	18.2(17.4-19.4)	16.2(15.2-18.6)		merr.
Yamato-794049	1.51	H4	18.8(17.7-21.2)	16.8(15.3-21.3)		merr.
Yamato-794050	133.21	H4	18.6(17.1-23.5)	16.5(15.2-20.4)		merr.
Yamato-794051	832	L6	24.3(23.5-26.7)	20.5(19.3-23.2)		Pl(An10.8), merr.
Yamato-794052	58.79	L6	24.9(23.7-27.6)	21.2(19.3-26.7)		En47.8Fs7.8Wo44.4, En44.8Fs12.0Wo43.2, maskl.
Yamato-794053	92.27	L6	25.7(23.9-31.2)	21.9(19.7-30.7)		Pl(An11.3Or4.9), maskl.
Yamato-794054	11.98	L6	25.0(22.9-27.0)	21.4(19.6-27.7)		maskl.
Yamato-794055	143.29	H6	18.0(17.0-19.2)	16.2(15.1-21.4)		En77.6Fs14.5Wo8.0, merr.
Yamato-794056	5.44	H4	16.6(15.4-17.8)	15.0(9.6-20.8)		En61.7Fs4.3Wo34.1, merr.
Yamato-794057	6.49	H4	16.9(15.3-21.0)	15.4(12.9-21.7)		merr.
Yamato-794058	8.38	H4	16.9(15.6-23.6)	15.1(12.9-18.5)		ap.
Yamato-794059	46.68	H6	18.6(17.8-28.0)	16.2(14.8-16.9)		Pl(An11.3Or5.6)
Yamato-794060	67.55	L4	24.3(23.6-25.0)	20.6(19.5-22.0)		En47.3Fs6.1Wo46.6, merr.
Yamato-794061	52.04	H6	18.8(18.0-24.2)	16.4(15.7-17.5)		
Yamato-794062	22.41	H5	18.5(17.6-19.2)	16.5(15.7-18.9)		
Yamato-794063	32.79	H4	18.6(18.2-19.9)	16.1(15.2-16.9)		ap.
Yamato-794064	43.21	H3	17.2(15.8-19.9)	14.7(8.7-32.9)		
Yamato-794065	19.85	H6	19.7(18.2-24.1)	17.5(15.5-21.0)		shocked, En76.5Fs15.6Wo7.9
Yamato-794066	19.36	H4	17.9(15.8-19.1)	15.8(14.9-17.5)		
Yamato-794067	17.00	H6	18.6(18.1-19.2)	16.6(15.6-23.4)		Pl(An11.8Or4.7)
Yamato-794068	9.36	H4	18.1(17.3-20.2)	16.0(14.7-21.4)		
Yamato-794069	39.04	H4	18.5(17.9-19.5)	16.5(15.1-21.3)		
Yamato-794070	10.39	H4	17.9(17.3-19.0)	16.2(13.9-24.0)		
Yamato-794071	5.58	L5	25.2(23.6-34.0)	20.8(19.7-22.8)		Pl(An14.0Or4.3), En47.2Fs7.4Wo45.4, ap.
Yamato-794072	3.34					
Yamato-794073	41.84	L6	25.0(24.3-26.6)	20.6(19.7-22.0)		Pl(An10.1Or5.1)
Yamato-794074	8.13	CM2	12.8(0.0-61.5)	2.0(0.0-6.2)		
Yamato-794075	3.10	H5	18.0(17.5-19.1)	16.8(15.1-22.7)		En48.0Fs5.0Wo47.0, En48.8Fs6.1Wo45.0
Yamato-794076	4.69	H5	18.1(17.0-19.4)	16.0(14.9-17.7)		En45.9Fs9.3Wo44.8
Yamato-794077	7.38	CM2	3.0(0.0-48.8)	13.3(0.1-52.6)		
Yamato-794078	16.53	CM2	9.5(0.0-56.6)	2.2(0.4-12.0)		En90.3Fs3.2Wo6.5
Yamato-794079	3.72	CM2	9.3(0.2-50.0)	2.7(0.3-66.5)		ap.
Yamato-794080	21.11	CM2	13.0(0.1-59.0)	3.3(0.3-44.4)		
Yamato-794081	11.91	CM2	11.5(0.1-47.6)	1.7(0.4-12.7)		
Yamato-794082	1.88	CM2	10.6(0.2-51.1)	1.2(0.4-5.3)		Pl(An100)
Yamato-794083	8.18	CM2	9.2(0.1-48.1)	1.5(0.3-9.6)		
Yamato-794084	1.51	H6	17.8(17.3-18.5)	15.4(14.6-16.2)		Pl(An14.0Or5.6)
Yamato-794085	8.07	H5	18.6(17.6-20.2)	16.2(14.6-17.9)		En58.7Fs11.1Wo30.2, En53.7Fs10.3Wo36.0
Yamato-794086	4.72	H6	18.5(18.1-19.0)	16.1(14.8-17.6)		Pl(An11.9Or5.3)
Yamato-794087	8.68	H4	18.0(16.8-18.9)	15.9(15.2-16.8)		En75.8Fs13.5Wo10.7
Yamato-794088	3.76	CO3	13.0(0-59.7)	4.2(0.6-45.8)		Pl(An37.4)
Yamato-794089	14.66	L4	24.2(23.6-25.0)	20.3(19.2-22.5)		
Yamato-794090	10.48	L6	24.1(22.7-25.0)	20.5(18.8-24.1)		maskl.
Yamato-794091	24.38	H4	18.2(17.1-19.5)	16.2(14.2-18.8)		
Yamato-794092	41.83	L6	24.2(23.6-25.0)	20.0(19.4-20.8)		Pl(An10.7Or5.4)
Yamato-794093	60.16	L6	24.8(23.6-27.2)	20.9(18.7-24.5)		En46.9Fs8.6Wo44.5, maskl.
<Belgica-79 Meteorites>						
Belgica-7901	3.58	L6	24.6(23.5-27.9)	20.8(19.9-22.5)		En69.2Fs19.4Wo11.4, En46.6Fs7.4Wo46.0
Belgica-7902	13.66	L6	25.8(25.0-26.7)	21.5(20.2-24.3)		Pl(An9.7Or4.9), En62.6Fs16.1Wo1.2
Belgica-7903	185.30	L4	23.9(22.9-25.0)	20.1(18.8-22.1)		En75.6Fs17.9Wo6.5, ap.
Belgica-7904	1234	CM2	(0.1-49.0)	(1.9-27.6)	A	
Belgica-7905	4.01	L6	24.7(23.8-27.4)	20.5(18.8-22.2)		En46.5Fs10.9Wo42.6, En47.0Fs8.6Wo44.5
<Yamato-80 Meteorites>						
Yamato-8001	21.49	L6	24.4(23.8-24.7)	20.6(19.8-22.0)		Pl(An10.0-11.1), merr.
Yamato-8002	2.27	Lod	3.6(3.5-3.9)	3.7(3.5-4.0)		Pl(Ab70.4-72.7An25.6-28.4Or1.2-1.8), melt incl., Pl(Ab84.3An1.1Or14.9)
Yamato-8003	20.40	L6	24.8(23.6-25.7)	20.2		Pl(An10.2-11.5), En46.8Fs9.3Wo45.9, chro., maskl.
Yamato-8004	78.97	L6	25.3(23.8-31.1)	20.6(19.8-21.1)		Pl(An10.2Or4.0)
Yamato-8005	29.02	Win	1.2(0.8-1.7)	2.2(0.6-5.8)		Pl(An11.2Or2.5), En52.5Fs1.5Wo46.1
Yamato-8006	21.58	H4	18.2(17.4-19.2)	16.4(14.4-26.4)		
Yamato-8007	6.95	L6	23.7(22.5-24.6)	20.0(19.0-21.6)		
Yamato-8008	3.42	H5	17.7(16.3-18.7)	16.0(14.7-24.5)		
Yamato-8009	53.74	Dio(A)				
Yamato-8010	114.30	L6	23.5(22.9-24.3)	20.0(19.6-20.4)		same as Y-8011
Yamato-8011	570.52	L6	23.6(22.9-24.0)	20.0(19.3-20.8)		Pl(An11.6), merr., ap.
Yamato-8012	12.15	H4	18.0(17.3-21.2)	16.0(14.8-18.0)		merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-8013	12.46	H4	18.4(17.5-26.0)	15.8(14.6-16.7)		
Yamato-8014	13.89	L3	23.8(22.4-33.1)	19.7(11.2-33.6)		
<Yamato-81 Meteorites>						
Yamato-81001	2.54	Dio(A)				chro.
Yamato-81002	3.73	CO3	7.1(0.2-48.5)	2.8(0.3-23.0)		Pl(An99.0Or0.0)
Yamato-81003	25.33	L6	24.7(23.8-29.4)	20.8(19.4-27.8)		Pl(An10.6Or6.1), En46.8Fs7.5Wo45.7, En62.8Fs13.5Wo23.7
Yamato-81004	11.38	L6	24.0(23.3-24.6)	20.1(18.6-21.0)		Pl(An10.1Or5.8), En48.1Fs6.5Wo45.4, merr., ap.
Yamato-81005	1.71	L5	25.9(25.3-26.5)	21.4(20.1-23.6)		En70.1Fs17.4Wo12.5
Yamato-81006	19.77	L5	24.0(23.2-25.0)	20.1(18.6-22.7)		merr.
Yamato-81007	2.22	L5	24.2(23.0-25.1)	20.3(19.2-22.1)		merr.
Yamato-81008	33.14	H5	17.9(17.1-20.3)	16.2(14.6-28.9)		En49.9Fs5.4Wo44.8, merr.
Yamato-81009	3.01	H5	18.3(17.2-20.2)	16.8(15.1-26.6)		En47.6Fs6.9Wo45.5, merr.
Yamato-81010	1.27	CM2	6.4(0.0-40.1)	2.1(0.4-5.3)		ap.
Yamato-81011	2.21	H4	17.9(11.5-21.3)	14.2(6.8-16.5)		merr.
Yamato-81012	380.65	H5	18.5(17.2-19.0)	16.0(15.2-17.7)		
Yamato-81013	1.44	L6	24.5(23.3-30.1)	20.6(19.2-22.1)		En46.7Fs8.5Wo44.8, En46.9Fs7.5Wo45.6
Yamato-81014	8.36	L6	24.1(22.6-27.1)	20.3(19.0-24.0)		merr., maskl
Yamato-81015	55.78	H3	20.0(8.6-22.9)	16.9(4.6-25.6)		En76.9Fs17.4Wo5.6
Yamato-81016	1006.33	H5	18.6(17.9-19.4)	16.1(15.5-18.0)		merr.
Yamato-81017	14.06	H4	18.6(17.9-21.4)	16.6(15.1-22.5)		En72.3Fs18.3Wo9.3, merr.
Yamato-81018	27.82	H4	18.8(17.1-20.7)	17.2(15.5-20.5)		En64.9Fs19.9Wo15.2
Yamato-81019	54.88	H4	18.5(17.4-19.1)	16.2(11.1-20.5)		En75.4Fs14.5Wo10.1, merr.
Yamato-81020	270.34	CO3	11.6(0.2-41.1)	2.4(0.5-17.2)		
Yamato-81021	7.78	CO3				same as Y-81020
Yamato-81022	3.12	CO3				same as Y-81020
Yamato-81023	9.58	CO3				same as Y-81020
Yamato-81024	31.43	CO3				same as Y-81020
Yamato-81025	55.40	CO3	17.3(0.2-64.3)	1.6(0.4-13.8)		Pl(An92.3), sp.
Yamato-81026	201.67	L6	24.5(23.9-25.1)	20.8(19.5-25.0)		Pl(An9.5Or4.7), En46.5Fs7.8Wo45.8, merr.
Yamato-81027	11.47	Dio(A)				
Yamato-81028	4.21	LL4	26.6(25.5-27.2)	22.6(21.3-27.7)		
Yamato-81029	3.50	LL4	26.6(25.7-28.0)	22.2(21.1-24.2)		
Yamato-81030	97.61	H5	18.8(18.1-19.3)	16.2(15.0-17.6)		Pl(An10.1Or4.5)
Yamato-81031	30.98	H4	19.0(18.2-19.2)	16.9(16.0-19.2)		En47.7Fs5.5Wo46.8
Yamato-81032	9.68	H5	18.7(17.8-19.3)	16.5(14.8-19.9)		merr.
Yamato-81033	14.89	H5	18.7(17.5-20.0)	16.3(15.6-17.4)		Pl(An10.7Or5.7), merr.
Yamato-81034	10.18	H5	18.9(18.1-19.4)	16.6(15.7-17.6)		
Yamato-81035	3.73	H6	19.1(18.2-20.0)	16.7(15.4-18.8)		
Yamato-81036	3.47	H5	19.1(18.6-20.2)	16.8(16.1-18.2)		En50.2Fs7.0Wo42.8, merr.
Yamato-81037	52.07	H5	18.7(17.2-19.6)	16.5(15.2-21.4)		
Yamato-81038	2.01	H4	17.6(16.7-18.3)	15.0(14.3-15.5)		En78.7Fs13.3Wo8.0, En65.0Fs9.6Wo25.5
Yamato-81039	22.12	H4	17.6(16.4-20.7)	15.0(14.2-15.8)		
Yamato-81040	10.80	H4	18.8(18.0-21.3)	16.4(15.4-18.4)		En80.0Fs14.7Wo5.3
Yamato-81041	3.54	H4	16.9(15.3-23.6)	14.9(13.7-23.2)		merr.
Yamato-81042	0.49	H5	19.1(18.1-22.6)	16.8(15.6-23.0)		En60.9Fs17.1Wo22.0, merr., ap.
Yamato-81043	1.26	L6	24.7(23.8-25.6)	20.7(19.9-21.7)		Pl(An10.6Or4.8)
Yamato-81044	10.28	H4	18.7(17.7-19.4)	16.3(15.3-17.2)		merr., ap.
Yamato-81045	5.89	H4	18.6(17.3-19.8)	16.0(14.6-16.6)		merr.
Yamato-81046	1.23	H4	18.7(18.7-20.0)	16.3(14.3-19.2)		
Yamato-81047	3.24	H4	18.9(17.9-21.0)	16.2(15.3-16.9)		
Yamato-81048	2.41	H4	18.7(18.0-19.4)	16.2(15.2-17.3)		En75.7Fs14.5Wo9.8
Yamato-81049	2748	L6	24.1(23.3-24.9)	20.3(19.4-21.4)		En47.4Fs8.0Wo44.6, maskl.
Yamato-81050	12.77					
Yamato-81051	32.87	L6	24.2(23.3-25.1)	20.6(19.2-25.4)		merr., maskl.
Yamato-81052	3.94					
Yamato-81053	8.43	H6	20.5(18.8-30.1)	18.1(16.2-24.4)		
Yamato-81054	1.08	L6	24.4(23.6-24.9)	20.6(19.5-25.7)		Pl(An10.9Or1.2), En48.7Fs7.2Wo44.2, merr., maskl.
Yamato-81055	1.87	L6	24.0(23.2-26.9)	20.0(19.1-21.9)		Pl(An11.6Or4.3), En48.0Fs7.5Wo44.5
Yamato-81056	3.47	H4	18.7(17.5-21.3)	16.0(8.5-17.5)		with H6
Yamato-81057	7.85	H5	18.2(17.4-18.6)	15.7(14.7-16.9)		
Yamato-81058	395.02	H4	18.2(17.5-19.4)	15.8(15.2-17.5)		merr.
Yamato-81059	36.27	H4	18.1(16.3-18.6)	15.6(13.6-16.3)		merr.
Yamato-81060	17.18	H4	18.0(16.4-31.7)	15.4(14.4-16.3)		
Yamato-81061	8.56	H5	18.1(16.6-18.7)	16.0(13.7-16.6)		
Yamato-81062	4.39	L5	24.9(23.8-26.5)	20.9(19.1-23.6)		Pl(An9.9Or5.5), merr.
Yamato-81063	1.97	H4	18.8(18.0-19.8)	17.5(16.2-19.9)		En77.3Fs19.5Wo9.4
Yamato-81064	6.85	H4	18.8(18.1-21.2)	16.7(14.8-19.3)		En78.2Fs15.3Wo6.6
Yamato-81065	3.11	H4	18.6(17.9-19.8)	16.4(15.3-18.9)		merr.
Yamato-81066	2.21	H3	17.1(16.0-18.1)	16.6(14.7-26.6)		En80.5Fs14.2Wo5.2
Yamato-81067	11.87	CO3	14.2(0.2-58.4)	1.9(0.5-9.0)		Pl(An74.1-87.8Or0.0-0.2), En75.4Fs0.7Wo24.0 En66.6Fs1.1Wo32.3
Yamato-81068	1.65	CO3	7.8(0.2-47.6)	3.2(0.5-34.1)		Pl(An73.7Or0.1), En91.0Fs3.5Wo5.5, En66.6Fs1.2Wo32.2
Yamato-81069	1.42	L5	24.4(23.5-25.4)	20.7(19.3-25.3)		Pl(An9.2Or5.9), merr.
Yamato-81070	430.83	L4	23.1(22.3-24.1)	19.6(18.5-22.1)		
Yamato-81071	6.01	L4	23.5(22.6-25.8)	19.7(18.4-22.9)		merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-81072	8.04	L4	23.6(22.7-24.8)	19.3(17.1-20.4)		
Yamato-81073	0.76	L4	23.4(21.8-24.7)	20.0(19.2-21.6)		
Yamato-81074	1.42	L6	24.3(23.3-26.1)	20.2(19.1-22.2)		En48.0Fs7.6Wo44.4, maskel.
Yamato-81075	1161.37	L4	23.5(22.9-24.7)	20.0(19.0-21.7)		En75.8Fs18.6Wo5.6, merr.
Yamato-81076	11.15	L4	23.3(21.6-27.3)	19.6(18.4-28.1)		
Yamato-81077	5.99	L4	23.0(22.3-24.0)	19.6(17.7-26.2)		
Yamato-81078	3.40	L4	23.9(23.0-26.3)	20.3(19.0-23.4)		En70.6Fs18.8Wo10.6, merr., ap.
Yamato-81079	2.26	L4	23.0(21.9-24.8)	19.4(17.7-22.2)		
Yamato-81080	2.61	L4	22.7(22.1-23.7)	19.3(18.0-20.6)		merr.
Yamato-81081	2.93					
Yamato-81082	9.39	L4	23.4(22.6-26.0)	20.2(18.9-22.1)		
Yamato-81083	2.13					
Yamato-81084	1.29					
Yamato-81085	2.33					
Yamato-81086	1.06					
Yamato-81087	2.02					
Yamato-81088	0.77					
Yamato-81089	1.61					
Yamato-81090	2.46	L4	23.0(21.0-23.9)	20.2(18.7-29.8)		merr., ap.
Yamato-81091	1.49					
Yamato-81092	0.70	H4	18.8(18.0-22.8)	16.4(15.9-17.1)		merr.
Yamato-81093	0.71	L4	23.5(22.6-25.9)	20.3(19.0-26.1)		merr., ap.
Yamato-81094	1.83	L4	23.3(22.3-24.1)	20.0(18.9-22.4)		
Yamato-81095	1.25	L4	23.0(22.1-24.5)	19.4(17.8-22.4)		
Yamato-81096	2.95					
Yamato-81097	0.54					
Yamato-81098	3.04					
Yamato-81099	2.78					
Yamato-81100	11.82	L4	23.2(22.3-26.7)	19.6(18.4-20.6)		
Yamato-81101	6.66					
Yamato-81102	6.52					
Yamato-81103	5.48					
Yamato-81104	9.90	L4	23.3(22.3-24.1)	20.0(18.9-22.4)		
Yamato-81105	12.91					
Yamato-81106	6.66					
Yamato-81107	1.66					
Yamato-81108	1.39					
Yamato-81109	3.48					
Yamato-81110	4.89	L4	23.0(22.1-24.5)	19.4(17.8-22.4)		
Yamato-81111	2.03					
Yamato-81112	2.64					
Yamato-81113	1.24					
Yamato-81114	1.56					
Yamato-81115	1.84					
Yamato-81116	4.78					
Yamato-81117	0.91					
Yamato-81118	6.55	L6	25.0(23.7-26.1)	20.8(19.4-22.0)		Pl(An9.4Or4.9), En47.0Fs7.8Wo45.2
Yamato-81119	1.47	L4	23.3(22.3-24.4)	20.0(18.2-25.4)		
Yamato-81120	4.15	L6	24.8(24.0-26.2)	20.8(19.8-21.9)		Pl(An10.1Or6.4), En47.0Fs8.1Wo44.9, maskl.
Yamato-81121	1.31	L4	23.1(22.1-24.0)	19.8(18.0-27.7)		
Yamato-81122	1.08	H4	17.6(17.6-19.1)	16.0(14.6-18.6)		
Yamato-81123	1.58	H4	18.5(17.8-19.0)	16.6(15.3-19.9)		
Yamato-81124	10790	H5	17.3(16.3-18.3)	14.9(14.3-15.9)		
Yamato-81125	2.58	H4	17.3(16.4-19.1)	15.1(13.8-16.0)		
Yamato-81126	5.11	L6	24.6(23.5-26.9)	20.5(19.9-21.2)		Pl(An11.5Or1.3)
Yamato-81127	58.38	H5	18.8(18.0-19.3)	16.3(15.1-17.4)		merr.
Yamato-81128	6.53	H5	18.6(17.7-19.4)	16.0(15.3-16.7)		
Yamato-81129	1.59	H5	18.7(17.6-19.3)	16.2(15.5-16.8)		
Yamato-81130	0.72	H5	18.7(18.1-19.9)	16.2(15.2-16.9)		
Yamato-81131	71.15	H5	18.7(17.7-19.7)	16.5(15.9-19.5)		Pl(An12.1Or4.2), En49.9Fs5.2Wo44.9
Yamato-81132	6607	H5	18.2(17.5-19.2)	16.3(15.5-17.0)		En48.0Fs5.7Wo46.4, merr., ap.
Yamato-81133	64.41					
<Yamato-82 Meteorites>						
Yamato-82001	0.63	Unique				
Yamato-82002	6.99	Unique	(4.1-40.1)	(6.3-21.4)		Pl(An5.7-83.4), En44.0Fs10.2Wo45.8
Yamato-82003	1.38	iron				
Yamato-82004	2.48	CO3	12.0(0.2-57.2)	2.3(0.5-9.1)		En88.9Fs2.8Wo8.3
Yamato-82005	8.44	L5	24.7(23.4-27.4)	20.5(18.4-22.5)		Pl(An9.9Or4.6)
Yamato-82006	5.35	L3	11.9(0.3-28.7)	8.9(1.2-29.0)		En68.0Fs21.1Wo10.9, En72.6Fs21.2Wo6.5
Yamato-82007	12.03	LL3	15.6(0.4-33.7)	9.8(0.6-26.4)		En64.4Fs26.8Wo8.9, En62.3Fs12.5Wo25.2
Yamato-82008	4.27	H4	18.2(17.3-19.7)	26.2(14.4-18.9)		
Yamato-82009	6.25	Euc(pol)		(25.2-67.3)		Pl(An79.2-93.0), En13.8-71.5Fs25.2-67.3Wo3.3-40.5
Yamato-82010	7.38	Euc		(26.4-34.8)		Pl(An64.7-91.6), En 10.8-69.3Fs26.4-55.7Wo4.0-44.1
Yamato-82011	10.93	H6	18.2(17.6-20.0)	15.9(14.8-17.3)		En49.1Fs5.4Wo45.4
Yamato-82012	2.08	H4	18.6(17.3-21.4)	16.5(14.9-23.3)		
Yamato-82013	0.16	H5	17.9(11.9-18.8)	16.0(15.0-17.0)		En76.7Fs15.6Wo7.8
Yamato-82014	3.30	L5	24.2(23.9-25.0)	20.6(18.6-23.4)		merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-82015	3.85	Euc(pol)		(26.6-43.6)		Pl(An79.7-93.5), En11.6-69.5Fs22.6-55.6Wo3.0-32.4
Yamato-82016	4.65	H6	18.6(17.7-19.8)	16.9(15.4-18.8)		Pl(An11.8Or5.6), En48.2Fs5.9Wo45.8
Yamato-82017	51.77	L6	24.6(23.6-25.7)	20.6(19.4-22.4)		merr.
Yamato-82018	3.68	H5	18.7(17.9-19.2)	16.4(15.6-17.0)		En77.6Fs14.7Wo7.7
Yamato-82019	157.92	L5	24.5(23.4-26.0)	20.5(19.9-22.8)		
Yamato-82020	13.00	L5	23.4(22.0-23.9)	20.0(19.2-22.6)		merr.
Yamato-82021	13.44	Dio(A)				
Yamato-82022	23.04	Dio(A)				
Yamato-82023	8.20	H4	18.0(17.2-18.5)	15.9(14.4-16.5)		En55.8Fs7.4Wo36.8
Yamato-82024	420.49	L6	23.9(23.4-24.3)	20.4(19.6-21.0)		Pl(An10.3), merr., ap.
Yamato-82025	6.81	L5	23.8(23.3-24.4)	19.8(19.1-20.3)		merr., ap.
Yamato-82026	119.36	H5	18.5(16.6-20.6)	16.2(15.0-17.1)		
Yamato-82027	27.81	L4	24.4(23.6-25.0)	20.1(18.8-20.9)		
Yamato-82028	4.14	L5	24.7(23.7-25.3)	20.9(19.8-22.0)		
Yamato-82029	4.92	H4	18.3(17.9-19.1)	16.3(15.4-17.9)		
Yamato-82030	2.91	H4	18.2(17.5-18.7)	16.2(15.1-21.8)		En50.5Fs6.1Wo43.4
Yamato-82031	5.14	H4	18.6(17.9-19.7)	16.2(15.4-17.0)		En48.5Fs5.4Wo46.1, En66.1Fs10.6Wo23.2
Yamato-82032	6.39	H4	18.5(17.6-19.6)	16.2(15.2-19.4)		En78.4Fs14.8Wo6.9
Yamato-82033	21.06	LL3	25.7(0.4-38.2)	17.0(6.5-27.8)		
Yamato-82034	22.44	L5	24.5(23.7-25.3)	20.8(19.7-22.6)		En46.7Fs6.9Wo46.3, merr., ap.
Yamato-82035	85.39	L6	20.3(23.4-25.1)	20.4(19.7-21.6)		Pl(An10.7Or7.2), En47.3Fs7.0Wo45.7, merr., maskl.
Yamato-82036	307.66	L6	25.1(24.4-25.6)	20.7(19.6-21.3)		
Yamato-82037	45.43	Euc		(57.6-59.3)		Pl(An89.9-92.2), En34.6-37.5Fs45.2-59.3Wo4.3-19.3
Yamato-82038	199.90	H3	11.2(1.3-30.1)	8.3(3.0-13.6)		
Yamato-82039	3.31	H4	18.5(18.1-19.1)	16.0(15.4-17.5)		
Yamato-82040	26.63	H4	18.5(17.7-19.8)	15.7(6.8-17.3)		merr.
Yamato-82041	137.94	H5	18.0(17.2-18.6)	16.0(14.9-18.2)		ap.
Yamato-82042	37.08	CM2	(0.2-35.4)			
Yamato-82043	96.18	L6	24.5(23.7-25.3)	20.5(19.4-21.2)		Pl(An6.0-10.7), En47.7Fs7.9Wo44.5
Yamato-82044	33.74	H5	17.8(17.0-19.5)	15.5(14.3-16.5)		En75.2Fs13.9Wo10.9, merr.
Yamato-82045	76.48	H4	18.1(17.4-18.5)	16.3(14.7-20.2)		
Yamato-82046	7.51	H5	17.9(16.6-18.7)	15.8(14.5-17.4)		merr.
Yamato-82047	27.13	H4	17.5(16.5-18.3)	15.4(14.7-16.1)		
Yamato-82048	1.59	L3	14.8(0.7-30.5)	8.3(0.9-40.9)		En72.2Fs18.9Wo.8.9
Yamato-82049	115.35	Euc		(22.3-61.9)		Pl(An81.2-96.0), En29.3-75.8Fs22.3-61.9Wo1.2-42.2
Yamato-82050	1906.61	CO3	15.0(0.2-57.7)	3.5(0.4-28.1)		
Yamato-82051	3.76	LL6	31.2(30.5-31.9)	24.9(24.0-25.7)		Pl(An10.2Or4.9), En45.7Fs10.9Wo43.3, ap.
Yamato-82052	70.32	How		(19.9-64.5)		Pl(An79.2-95.9), En28.1-76.8Fs19.9-64.5Wo1.5-42.5
Yamato-82053	2100	H5	18.5(17.9-19.1)	16.0(15.7-16.6)		En77.2Fs14.0Wo8.8
Yamato-82054	76.34	CM2	10.1(0.2-37.9)	2.1(0.5-7.1)		En60.7Fs0.9Wo38.4
Yamato-82055	946.75	L3	24.1(8.8-25.9)	15.3(3.3-38.1)		merr., ap.
Yamato-82056	913.79	L3	24.6(20.8-26.3)	14.9(4.6-30.1)		Pl(An46.2), En62.1Fs23.0Wo14.9
Yamato-82057	123.08	H4	18.3(17.2-19.9)	15.9(15.0-16.9)		En78.0Fs14.3Wo7.7
Yamato-82058	127.95	L3	21.2(6.4-25.7)	13.4(4.6-25.4)		
Yamato-82059	136.70	L3	23.7(13.8-26.6)	13.3(4.2-26.9)		En76.0Fs18.5Wo5.6
Yamato-82060	11.14	L5	23.8(22.8-24.5)	20.4(18.6-23.8)		
Yamato-82061	148.74	H4	19.0(17.8-19.8)	16.3(15.0-18.6)		
Yamato-82062	26.13	H4	18.5(17.5-19.6)	16.8(12.4-19.1)		En72.5Fs13.8Wo13.7
Yamato-82063	35.00	H4	18.1(17.4-18.9)	16.2(14.4-17.7)		merr.
Yamato-82064	4.93	H4	18.5(17.5-20.3)	15.9(15.0-16.5)		En79.1Fs13.3Wo7.5
Yamato-82065	189.86	L6	24.5(23.3-26.0)	20.4(18.4-22.7)		merr.
Yamato-82066	191.40	Euc		(53.6-59.1)		Pl(An88.6-93.2), En29.6-42.4Fs53.6-59.1Wo2.1-41.5
Yamato-82067	14.68	LL7	30.4(28.5-32.6)	25.0(24.0-26.1)		Pl(An9.4Or5.6), En46.1Fs10.2Wo43.7, ap., maskel.
Yamato-82068	30.07	L6	24.7(23.7-25.8)	21.0(19.9-24.8)		Pl(An10.3Or5.3), maskl.
Yamato-82069	27.35	L6	24.7(23.2-26.7)	21.0(19.4-24.0)		merr.
Yamato-82070	50.58	H4	17.8(16.2-18.9)	16.2(13.7-20.3)		
Yamato-82071	13.89	L4	23.8(22.7-24.6)	19.8(18.7-23.3)		
Yamato-82072	18.79	H6	18.7(17.5-19.5)	16.5(15.4-17.6)		Pl(An11.9Or5.6)
Yamato-82073	13.29	H5	19.2(18.2-20.1)	16.9(16.2-19.9)		merr., maskl.
Yamato-82074	10.06	Dio(A)				
Yamato-82075	9.23	Dio(A)				
Yamato-82076	11.38	L5	25.2(23.5-27.5)	20.2(19.1-22.0)		Pl(An10.2Or5.5)
Yamato-82077	99.54	H4	18.2(17.5-19.3)	15.7(14.8-17.1)		merr.
Yamato-82078	6.17	H4	18.4(17.6-20.2)	15.9(14.1-18.9)		
Yamato-82079	13.95	H5	18.0(16.3-19.1)	15.5(14.6-17.5)		
Yamato-82080	11.62	H4	18.1(17.4-19.5)	16.0(14.9-20.9)		
Yamato-82081	939.27	L6	24.0(21.4-25.2)	20.7(19.4-26.0)		
Yamato-82082	662.28	Euc		(55.2-60.8)		Pl(An62.8-93.7), En30.9-42.1Fs27.8-60.8Wo2.4-41.3
Yamato-82083	25.84	H5	18.5(17.7-20.0)	16.2(12.2-19.3)		
Yamato-82084	18.05	H4	19.3(18.2-21.5)	17.0(16.3-17.5)		
Yamato-82085	14.19	H5	17.9(17.5-18.6)	15.8(14.8-16.8)		
Yamato-82086	1.28	H4	18.4(17.5-19.7)	16.0(15.2-16.7)		
Yamato-82087	4.40	H4	18.4(14.2-30.1)	15.3(4.2-22.8)		Pl(An12.0Or4.9), En47.7.Fs12.4.Wo12.8
Yamato-82088	2.38	L7	24.9(23.4-25.7)	21.0(20.3-22.2)		Pl(An10.5Or5.7)
Yamato-82089	2.21	L6	24.5(23.2-25.4)	20.5(19.9-21.4)		Pl(An9.7-11.1Or2.7-18.8), En46.9Fs8.2.Wo44.9, ap.
Yamato-82090	3.31	CM2	10.7(0.1-50.5)	2.1(0.5-5.9)		En61.5Fs0.6.Wo37.9
Yamato-82091	108.35	Euc	(9.3-16.5)	(22.1-69.0)		Pl(An64.7-95.4), En20.3-74.0Fs22.1-69.0Wo1.8-41.3
Yamato-82092	92.40	H4	18.5(17.7-19.6)	16.0(15.1-18.6)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-82093	26.29	H5	17.8(17.3-19.2)	16.2(14.7-22.8)		En76.8Fs14.4Wo8.9
Yamato-82094	216.59	CO3	1.7(0.5-5.7)	1.5(0.4-5.7)		Pl(An86.2)
Yamato-82095	710.18	L3	24.6(18.1-27.2)	12.4(4.8-21.4)		
Yamato-82096	168.51	L3	24.9(21.9-29.4)	15.7(4.3-34.1)		same as Y-82095
Yamato-82097	1.40	L6	24.3(23.4-25.2)	20.4(19.3-23.1)		Pl(An9.4Or5.7), En47.6Fs7.1Wo45.3
Yamato-82098	94.48	CM2	18.1(0.2-53.1)	4.4(0.5-42.4)		En74.4Fs17.7Wo7.8
Yamato-82099	4.93	CM2	11.6(0.3-56.6)	2.9(1.2-4.3)		En90.5Fs3.9Wo5.7
Yamato-82100	12.36	Ure	(9.9-18.6)			En76.0-77.2Fs14.1-15.5Wo8.3-8.9
Yamato-82101	30.60	L6	24.1(23.5-24.6)	20.2(19.4-21.8)		En47.6Fs7.5Wo45.0
Yamato-82102	316.18	C5	29.5(28.3-30.7)	23		Pl(An48.0Or1.0, An28.5Or2.9), En49.4Fs9.3Wo41.3
Yamato-82103	87.70	C5	29.8(28.7-34.9)	25.1		Pl(An28.9Or2.6), En59.9Fs17.9Wo22.2
Yamato-82104	9.83	C5	29.9(28.9-30.8)	26.1(25.1-26.9)		Pl(An21.0-55.4)
Yamato-82105	45.400	C5	29.7(28.1-30.9)	25		Pl(An59.3-21.2Or6.1-1.1)
Yamato-82106	26.24	Ter				Terrestrial
Yamato-82107	28.31	H4	17.4(16.3-18.6)	15.3(14.9-15.7)		En77.6Fs14.6Wo5.8
Yamato-82108	0.26	LL3	29.1(28.1-30.1)	19.4(2.0-24.3)		En72.0Fs21.3Wo6.8
			(29.6)	(23.5)		clast: Pl(An9.3Or2.3)
Yamato-82109	6.31	L6	24.5(23.7-26.8)	20.6(19.7-21.5)		Pl(An9.7Or6.0), En47.7Fs6.8Wo45.5, merr.
Yamato-82110	16.66	H4	17.3(16.2-18.6)	15.2(14.1-18.2)		
Yamato-82111	9011	H6	18.6(17.8-19.3)	16.2(15.4-16.9)		merr.
Yamato-82112	9.14	H6	18.6(17.6-20.0)	16.2(15.1-17.0)		En62.6Fs8.8Wo28.6
Yamato-82113	8.13	H6	18.6(17.6-19.6)	15.9(14.9-16.6)		
Yamato-82114	0.14	L6	24.4(22.8-25.3)	20.7(18.4-23.5)		
Yamato-82115	1.13	L6	24.3(23.6-25.0)	20.1(19.0-21.0)		maskl.
Yamato-82116	32.41	H6	18.7(18.1-19.3)	16.4(15.8-16.9)		
Yamato-82117	4.14	H6	18.7(17.6-19.5)	16.4(15.1-17.3)		
Yamato-82118	3.28	H6	18.4(17.7-19.4)	16.4(15.6-17.1)		Pl(An3.9Or1.3)
Yamato-82119	6.79	H6	18.5(17.8-19.5)	16.0(14.6-16.6)		Pl(An12.6Or5.6), En49.4Fs5.9Wo44.7
Yamato-82120	4.16	H6	18.5(17.0-19.2)	16.2(15.6-17.0)		Pl(An12.5Or4.7)
Yamato-82121	3.96	H6	18.7(18.1-19.4)	16.2(15.2-17.0)		Pl(An12.4Or5.7), En61.8Fs89Wo29.3, En49.0Fs5.8Wo45.3
Yamato-82122	1521.80	H6	19.4(18.7-20.0)	16.7(15.9-17.2)		Pl(An17.9)
Yamato-82123	7.99	H6	18.8(17.8-20.2)	16.2(14.6-17.0)		
Yamato-82124	3.88	L6	24.6(22.7-27.0)	20.3(19.2-21.2)		Pl(An11.6Or7.1), En48.1Fs7.8Wo44.2
Yamato-82125	5.38	L6	24.3(23.0-26.0)	20.2(19.4-21.2)		
Yamato-82126	23.45	H5	18.5(17.4-19.1)	15.7(14.0-16.6)		En48.5Fs5.6Wo45.8, ap., merr.
Yamato-82127	14.96	L6	24.7(23.5-25.6)	20.5(19.6-21.2)		En47.4Fs7.5Wo45.1, ap.
Yamato-82128	17.15	L6	24.7(23.0-27.1)	20.1(19.3-21.1)		Pl(An10.5Or5.4), merr., maskl.
Yamato-82129	6.00	H6	18.6(18.1-19.5)	16.0(15.6-16.6)		En70.2Fs11.0Wo18.8
Yamato-82130	23.11	L5	24.8(23.7-26.0)	20.7(20.1-21.4)		En47.4Fs7.2Wo45.4, En60.2Fs12.8Wo27.0
Yamato-82131	11.93	L6	24.6(24.3-25.1)	20.5(19.9-21.1)		Pl(An10.4Or5.3)
Yamato-82132	12.07	L6	24.8(24.0-26.2)	20.7(19.7-21.5)		maskl.
Yamato-82133	93.28	H3	15.4(0.6-27.8)	11.4(2.1-37.6)		heavily oxidized
Yamato-82134	8.90	L6	24.7(23.7-25.4)	20.6(19.5-21.9)		En46.7Fs7.4Wo46.0, merr., maskl.
Yamato-82135	1.13	L6	25.1(24.5-25.7)	20.9(20.0-22.5)		En47.8Fs8.0Wo44.2, En56.2Fs11.9Wo32.0
Yamato-82136	19.70	L6	24.5(23.5-25.6)	20.6(18.6-22.9)		Pl(An11.0Or5.2), En45.3Fs10.6Wo44.1
Yamato-82137	25.05	L6	24.6(23.4-26.3)	20.3(19.5-21.2)		Pl(An11.0Or5.8), maskl.
Yamato-82138	8.80	L6	24.5(23.4-25.8)	20.4(19.6-21.1)		Pl(An10.8Or5.9), En76.0Fs15.6Wo8.4, maskl. En47.3Fs8.0Wo44.6
Yamato-82139	2.68	L6	24.8(23.7-25.7)	20.6(19.3-21.8)		Pl(An10.4Or4.8), En72.8Fs19.1Wo8.1, maskl. En47.2Fs8.5Wo44.4
Yamato-82140	2.10	H5	18.9(17.8-19.8)	16.6(15.7-17.6)		Pl(An11.8Or4.9-8.4), with H6 clast
Yamato-82141	2.90	L6	24.7(24.0-25.4)	20.8(19.8-21.9)		Pl(An10.1Or5.8)
Yamato-82142	5.48	L6	24.8(24.0-27.1)	20.8(19.6-21.7)		Pl(An10.5Or6.0), ap.
Yamato-82143	9.32	L6	24.3(23.5-25.2)	20.4(19.5-21.5)		Pl(An11.3Or5.9), merr.
Yamato-82144	60.23	L6	24.7(23.9-25.7)	20.9(19.6-22.0)		Pl(An9.9Or5.8), En45.8Fs8.1Wo46.0, maskl.
Yamato-82145	26.45	L6	25.4(23.7-28.4)	20.9(20.3-21.4)		En46.5Fs8.8Wo44.8
Yamato-82146	1.08	L6	24.9(24.3-25.8)	20.9(19.8-26.6)		En46.4Fs8.1Wo45.5, maskl. with black vein, merr.
Yamato-82147	25.81	L6	24.6(23.6-25.3)	20.4(19.5-21.2)		Pl(An10.3Or6.0), merr., En47.4Fs7.9Wo44.8
Yamato-82148	5.47	L6	24.0(23.7-25.3)	20.3(19.4-21.3)		En47.5Fs7.8Wo44.8, ap.
Yamato-82149	15.11	L6	24.2(23.1-26.5)	20.7(19.6-22.6)		Pl(An10.4Or5.0), maskl.
Yamato-82150	9.18	L6	24.5(23.6-25.6)	20.4(20.1-20.9)		Pl(An10.3Or5.2), maskl.
Yamato-82151	5.83	L3	22.6(8.5-23.8)	13.2(3.0-22.2)		En74.3Fs18.0Wo7.7, ap.
Yamato-82152	7.35	L6	24.3(23.1-28.1)	20.4(18.9-24.2)		En69.9Fs16.1Wo14.0
Yamato-82153	67.00	L6	24.5(23.3-25.1)	20.7(14.9-22.7)		merr., maskl.
Yamato-82154	3.11	L6	25.0(23.9-26.7)	20.6(19.2-21.3)		Pl(An10.6Or6.1), En47.2Fs7.9Wo44.9, maskl.
Yamato-82155	8.15	L6	24.6(23.7-25.3)	20.9(19.4-29.4)		Pl(An10.2Or5.4), maskl.
Yamato-82156	43.51	L6	24.4(23.1-25.1)	20.4(18.9-21.8)		Pl(An10.6Or5.2)
Yamato-82157	28.67	L6	24.7(23.8-26.7)	20.9(19.8-23.1)		Pl(An10.4Or5.5), En46.9Fs7.4Wo45.7, maskl., merr.
Yamato-82158	3.92	L6	24.6(24.1-26.0)	20.4(19.3-20.8)		Pl(An10.6Or5.2), En47.3Fs6.7Wo46.0, maskl.
Yamato-82159	5.04	L6	24.4(23.0-27.9)	20.3(19.2-20.9)		Pl(An10.4Or5.8), En47.5Fs7.2Wo45.3, maskl., merr.
Yamato-82160	3.08	H4	17.2(16.3-17.7)	15.0(14.0-15.5)		
Yamato-82161	757.56	H6	18.7(17.5-19.5)	16.6(15.6-24.4)		
Yamato-82162	41.73	C1				
Yamato-82163	3622	H6	19.6(18.6-20.2)	16.9(16.1-17.4)		
Yamato-82164	398.66	H4	18.3(17.5-18.9)	15.6(14.7-16.6)		Pl(An11.3), En48.4Fs4.9Wo46.7, merr.
Yamato-82165	35.90	L6	24.8(24.2-26.2)	20.7(19.3-21.6)		En46.3Fs8.5Wo45.3, maskl., merr.
Yamato-82166	25.67	H4	18.7(17.9-20.4)	16.0(14.3-16.9)		merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-82167	11.33	H4	18.2(16.9-18.9)	15.8(15.0-16.5)		Pl(An12.8Or6.4), merr.
Yamato-82168	7.61	L6	24.8(23.7-31.1)	20.5(19.0-21.3)		Pl(An10.2-11.8Or3.9-10.7), En47.7Fs7.7Wo44.6, maskl.
Yamato-82169	1.50	L6	24.3(23.5-25.5)	20.6(20.0-22.9)		Pl(An11.2Or5.8), merr.
Yamato-82170	3.17	L6	24.3(22.2-25.1)	20.6(19.6-24.0)		maskl.
Yamato-82171	10.97	L6	24.4(22.9-25.9)	20.5(19.5-21.5)		Pl(An9.8Or5.4), En45.9Fs7.8Wo46.3, ap., maskl.
Yamato-82172	3.20	H6	18.7(18.1-19.5)	16.6(15.0-21.3)		Pl(An11.5Or5.3), En47.7Fs6.6Wo45.8
Yamato-82173	2.11	L6	23.8(22.9-24.6)	20.2(18.5-22.6)		maskl.
Yamato-82174	3.28	L6	24.1(23.3-24.8)	20.1(19.3-21.0)		Pl(An10.3Or5.7), En47.4Fs7.7Wo44.9
Yamato-82175	2.32	L6	24.4(23.6-26.1)	20.4(19.7-23.3)		En45.7Fs12.9Wo41.4
Yamato-82176	0.96	L6	24.3(23.0-25.3)	20.3(19.7-21.9)		Pl(An10.5Or6.2)
Yamato-82177	1122.64	H6	18.7(17.7-19.7)	16.5(15.4-20.5)		En47.4Fs6.9Wo45.7, maskl. ap.
Yamato-82178	884.60	L6	24.4(23.9-25.1)	20.3(19.8-20.9)		Pl(An14.7-17.0), En47.9Fs6.7Wo45.4
Yamato-82179	56.02	LL3	17.1(4.5-31.9)	15.1(1.9-35.0)		Pl(An85.6Or0.5), En72.0Fs9.4Wo18.6
Yamato-82180	30.28	LL4	26.8(25.7-29.8)	22.7(20.1-28.8)		
Yamato-82181	39.84	H4	17.4(16.2-18.7)	15.2(14.2-15.9)		
Yamato-82182	227.64	H4	18.4(17.4-23.9)	16.6(15.3-23.0)		
Yamato-82183	15.60	L6	24.2(23.4-25.1)	20.2(18.9-21.6)		Pl(An10.7Or5.2), En47.1Fs8.6Wo44.3, ap.
Yamato-82184	4.79	H6	18.3(17.0-19.0)	16.4(14.7-18.3)		maskl.
Yamato-82185	84.49	H4	18.1(17.3-18.9)	15.9(15.4-17.1)		
Yamato-82186	16.48	L4	24.9(24.0-26.8)	20.7(19.1-22.3)		
Yamato-82187	1238.83	L6	24.2(23.1-24.8)	20.2(19.2-20.8)		Pl(An16.8-17.4)
Yamato-82188	2581	H5	18.4(17.6-20.7)	16.1(15.3-16.9)		merr.
Yamato-82189	43.59	E6	-	0.3(0.0-0.6)		Pl(An0.0Or5.1)
Yamato-82190	1.70	LL6	29.3(27.1-31.8)	24.3(21.8-26.0)		Pl(An8.5Or1.6), En70.7Fs22.3Wo7.0, maskl.
Yamato-82191	147.52	C6	29.8(28.7-31.3)			
Yamato-82192	36.67	Ano(Br)	(15.9-93.2)	(17.9-36.6)		Pl(An83.0-98.2), En27.0-79.4Fs17.0-51.7Wo1.8-34.0
Yamato-82193	27.04	Ano(Br)	(16.5-47.9)	(18.3-26.1)		Pl(An88.3-98.6), En2.1-77.9Fs8.5-79.8Wo2.6-43.3
Yamato-82194	0.75	L6	25.1(23.7-27.2)	21.1(19.9-23.9)		Pl(An7.5Or2.5), maskl.
Yamato-82195	25.24	LL3	24.9(2.5-31.8)	9.5(1.6-34.9)		
Yamato-82196	3.60	L6	24.7(23.5-26.6)	21.3(20.0-27.7)		maskl.
Yamato-82197	5.29	Euc		33.4		Pl(An74.7-94.0), En10.8-61.8Fs33.4-45.1Wo4.8-28.7
Yamato-82198	31.93	L6	24.2(23.5-25.6)	21.1(20.3-23.5)		
Yamato-82199	3.80	LL6	30.9(27.0-32.4)	25.0(23.1-26.0)		Pl(An10.7Or1.9)
Yamato-82200	3.39	H5	18.4(17.4-19.6)	15.9(3.9-18.5)		
Yamato-82201	2.03	LL6	30.5(29.8-31.6)	24.5(23.4-25.6)		maskl.
Yamato-82202	11.00	Euc		52.3		Pl(An70.3-90.8), En18.2-62.1Fs31.5-60.1Wo4.8-28.0
Yamato-82203	7.37	H4	16.4(15.0-17.1)	14.8(13.7-17.8)		En74.6Fs10.8Wo14.5, En80.8Fs13.2Wo6.0
Yamato-82204	6.34	H4	16.5(15.9-17.2)	14.2(6.4-17.6)		En61.0Fs10.8Wo28.2, ap.
Yamato-82205	8.09	H3	17.7(16.5-24.7)	13.1(4.5-25.0)		
Yamato-82206	1.55	L6	24.0(22.9-25.2)	19.9(18.8-20.7)		merr., ap.
Yamato-82207	1.45	L6	24.2(23.2-27.3)	19.9(18.8-20.7)		En48.5Fs7.4Wo44.1, merr., maskl.
Yamato-82208	5.31	H3	14.2(0.8-31.6)	11.4(2.2-41.2)		En75.8Fs17.2Wo7.0
Yamato-82209	46.73	Euc		(25.4-47.5)		Pl(An77.3-95.5), En13.9-69.8Fs25.4-59.8Wo3.1-43.4
Yamato-82210	36.69	Euc		(25.5-34.6)		Pl(An78.1-93.5), En26.5--70.8Fs25.5-63.4Wo3.7-33.1
Yamato-82211	62.00	Dio(A)				chro.
<Yamato-83 Meteorites>						
Yamato-8301	88.52	L6	24.0(23.1-25.5)	20.0(18.9-21.1)		Pl(An10.2Or5.9)
Yamato-8302	7.79	H4	17.9(17.5-18.4)	15.4(14.7-16.5)		En76.7Fs14.8Wo8.4
Yamato-8303	6.51	H5	18.3(17.7-19.0)	15.8(15.1-16.8)		En48.0Fs5.7Wo46.4
Yamato-8304	29.67	L6	24.2(23.4-26.8)	20.1(19.5-20.7)		Pl(An10.1Or6.3), En47.3Fs6.8Wo46.0
Yamato-8305	2.60	H5	18.2(17.6-18.7)	15.6(14.7-15.9)		merr., ap.
Yamato-8306	16.52	H5	18.4(17.6-19.3)	15.8(15.1-16.5)		merr.
Yamato-8307	3.37	Unique	10.3(9.7-11.0)	9.8(9.0-11.0)		primitive achondrite, Pl(An13.5Or4.6), En51.6Fs4.3Wo44.1
Yamato-8308	8.32	L6	24.5(23.3-28.8)	20.4(19.2-21.6)		Pl(An10.2Or5.9), En47.4Fs7.7Wo44.8, En73.6Fs18.7Wo7.8, maskl.
Yamato-8309	13.90	H4	17.7(16.8-18.5)	15.5(14.6-16.4)		merr.
Yamato-8310	10.65	H4	23.8(22.7-28.1)	20.0(18.8-24.5)		maskl.
Yamato-8311	13.48	H5	18.2(16.8-19.2)	16.6(15.1-22.1)		Pl(An11.0Or6.3)
Yamato-8312	5.94	H5	19.2(17.1-29.6)	16.2(15.1-18.8)		Pl(An10.9Or5.9), En77.9Fs15.2Wo6.9
Yamato-8313	3.41	L6	17.9(17.3-18.4)	15.7(14.7-16.5)		merr.
Yamato-8314	5.30	H5	17.7(16.7-18.6)	15.6(14.4-16.4)		En52.0Fs5.8Wo42.3
Yamato-8315	4.22	L6	24.2(22.8-26.7)	20.3(19.0-22.1)		Pl(An10.9Or3.3), En47.3Fs7.5Wo45.2, maskl., merr.
Yamato-8316	43.42	H4	18.1(17.3-19.4)	15.7(14.3-16.9)		ap., merr.
Yamato-8317	6.91	H4	18.3(16.9-19.2)	15.6(14.8-17.0)		
Yamato-8318	3.94	H4	18.2(17.7-18.8)	16.2(14.8-19.8)		merr., En77.0Fs16.3Wo6.7
Yamato-8319	2.83	H4	18.3(17.5-19.1)	15.8(14.3-16.6)		En76.5Fs15.0Wo8.5
Yamato-8320	6.30	H4	18.3(17.3-21.5)	15.8(14.7-17.4)		Pl(An10.8Or5.4)
Yamato-8321	1.33	H4	17.8(16.9-18.3)	15.4(14.0-16.3)		Pl(An93.7Or0.1), merr.
Yamato-8322	1.14	H4	18.2(17.5-18.7)	15.6(14.9-16.7)		merr.
Yamato-8323	3.41	H4	17.9(17.0-21.5)	15.5(14.9-16.6)		En80.0Fs13.8Wo5.6
Yamato-8324	2.85	H4	18.2(17.6-18.7)	15.8(15.1-17.9)		En60.1Fs7.7Wo32.3
Yamato-8325	1.64	H5	18.2(17.1-19.3)	15.1(9.9-16.5)		Pl(An10.5Or4.5), En49.0Fs5.6Wo45.3
Yamato-8326	1.34	H5	18.5(17.4-19.2)	16.2(15.6-17.0)		En82.7Fs12.9Wo4.4, maskl., Pl.
Yamato-8327	1.80	H5	18.3(17.6-19.5)	16.2(15.5-16.9)		Pl(An12.0Or8.0), En78.0Fs16.5Wo5.5
Yamato-8328	0.36	H5	18.5(17.7-19.4)	16.0(15.1-16.7)		Pl(An11.3Or5.6)
Yamato-8329	3.28	H5	18.6(17.4-20.2)	16.2(15.3-20.6)		Pl(An12.6Or6.1)
Yamato-8330	0.14	H5	18.5(17.8-19.8)	16.2(14.6-16.9)		Pl(An12.2Or4.7), En47.2Fs7.6Wo45.3, merr.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-8331	2.44	H5	18.7(18.1-20.1)	16.1(15.0-17.0)		
Yamato-8332	0.57	H5	18.2(17.3-19.1)	16.1(14.4-17.7)		maskl.
Yamato-8333	0.01	H5	18.2(17.6-19.9)	15.8(14.7-16.5)		En78.7Fs15.0Wo6.3
Yamato-8334	0.55	H3	16.9(15.9-18.2)	14.2(8.8-23.3)		En80.0Fs13.3Wo6.8
Yamato-8335	3.06	H4	18.2(17.6-19.9)	15.8(14.7-16.5)		En78.7Fs15.0Wo6.3
Yamato-8336	1.73	L6	24.1(22.6-25.4)	20.1(19.6-21.0)		En4511Fs7.3Wo47.6, maskl.
Yamato-8337	3.56	H4	18.8(18.1-20.1)	16.2(15.0-17.4)		
Yamato-8338	6.66	H4	16.7(16.1-17.3)	14.4(13.1-15.4)		shocked, ap.
Yamato-8339	1.34	CO3	12.0(0.2-50.3)	2.8(0.7-7.6)		En48.7Fs0.3Wo51, En63.2Fs0.6Wo36.2
Yamato-8340	11.43	L3	22.6(21.6-24.2)	18.5(9.5-21.4)		
Yamato-8341	1.94	L3	22.3(21.6-23.2)	18.3(15.2-20.0)		
Yamato-8342	0.05					
<Yamato-84 Meteorites>						
Yamato-8401	14.07	L6	24.1(23.5-24.7)	20.1(18.8-22.4)		Pl(An13.0 Or5.3), En46.6Fs8.2Wo45.3
Yamato-8402	4.39	L4	24.4(23.4-28.2)	20.5(19.1-23.8)		En46.5Fs7.4Wo46.1, En68.1Fs16.8Wo15.2
Yamato-8403	2.51	CM2	9.2(0.2-42.9)	3.8(0.3-44.8)		En61.8Fs1.3Wo36.9
Yamato-8404	10.70	E5		0.4(0.1-1.6)		Pl(An0.0-0.2Or6.1-6.6), SiO2
Yamato-8405	3.38	E5		0.3(0.-4.5)		Pl(An0.0-0.5Or5.7-6.8), SiO2
Yamato-8406	0.12	E5	93.7	0.5(0.1-2.2)		Pl(An0.0-0.7Or5.8-7.1), SiO2
Yamato-8407	0.38	E5		0.2(0.0-0.6)		Pl(An0.1-0.2Or5.3-6.3), SiO2
Yamato-8408	0.02	E5		0.4(0.1-2.9)		Pl(An0.1-2.2Or5.6-8.7), SiO2
Yamato-8409	27.66	L4	26.7(25.4-32.2)	21.8(20.8-23.6)		
Yamato-8410	1427.07	LL5	26.9(25.9-27.9)	22.1(21.4-25.0)		
Yamato-8411	68.84	L3	14.7(0.8-37.6)	9.8(0.6-35.9)		En64.3Fs27.5Wo8.2
Yamato-8412	5.63	CM2	11.7(0.2-51.4)	1.8(0.3-16.0)		En61.7Fs0.7Wo37.6, En82.4Fs1.9Wo15.7, ap.
Yamato-8413	0.66	Euc				Pl(An88.3-90.7Or0.2-0.8), En31.2-35.5Fs37.6-55.5Wo8.5-30.4
Yamato-8414	68.58	E4	0.9	0.8(0.1-20.5)		Pl(An0.1-0.4Or5.3-6.3), SiO2
Yamato-8415	5.17	L6	24.6(23.6-26.1)	20.6(20.0-21.0)		
Yamato-8416	missing					
Yamato-8417	8.18	L3	20.8(0.4-25.7)	12.4(2.3-28.5)		En75.5Fs14.0Wo10.5, En57.7Fs8.7Wo33.6, ap.
Yamato-8418	19.22	L6	24.3(22.2-25.1)	20.1(18.5-21.2)		Pl(An10.0Or5.2), maskl.
Yamato-8419	4.77	L6	24.2(22.4-25.2)	20.5(19.8-21.2)		Pl(An10.2Or6.3), maskl.
Yamato-8420	35.83	L6	24.4(23.7-25.4)	20.2(19.4-21.0)		Pl(An10.4Or4.6), maskl.
Yamato-8421	21.08	L6	24.7(23.6-26.0)	20.7(19.8-22.0)		Pl(An11.6Or6.4)
Yamato-8422	2.24	L6	24.7(23.4-26.2)	20.6(19.6-21.0)		Pl(An13.4Or5.4), maskl.
Yamato-8423	7.90	H4	18.0(17.0-18.8)	15.6(15.0-16.1)		
Yamato-8424	9.46	H+L	23.1(11.7-31.4)	17.0(11.7-25.4)		unique, shocked, H-L-LL mixture
Yamato-8425	7.40	H6	18.6(17.8-20.1)	16.0(15.3-16.7)		
Yamato-8426	128.05	H5	18.1(17.4-18.8)	15.7(14.8-16.3)		Pl(An10.5Or5.8), ap., maskl.
Yamato-8427	64.14	H4	18.2(17.8-19.7)	16.2(15.3-20.0)		
Yamato-8428	3.65	H6	18.4(17.3-20.0)	15.9(14.4-16.6)		
Yamato-8429	44.81	H4	17.1(16.1-18.0)	15.3(9.3-18.4)		
Yamato-8430	4.50	H4	16.6(15.3-17.3)	14.3(13.3-15.2)		
Yamato-8431	1.35	H5	17.9(17.4-18.8)	15.7(15.1-16.4)		
Yamato-8432	6.07	H5	17.4(16.2-18.8)	15.2(13.9-15.6)		
Yamato-8433	2.76	H5	18.2(16.7-19.0)	15.9(14.8-17.2)		En48.0Fs5.3Wo46.7
Yamato-8434	31.38	H5	18.4(17.8-19.1)	16.1(14.7-17.1)		merr.
Yamato-8435	6748	L6	24.9(24.2-25.5)	20.7(19.5-23.3)		Pl(An15.8-17.4), merr.
Yamato-8436	3.70	H4	18.3(17.6-19.1)	16.2(15.1-17.4)		
Yamato-8437	1.56	H4	18.3(17.8-19.5)	16.0(15.0-19.7)		En72.5Fs15.1Wo12.4
Yamato-8438	1.89	H4	18.2(17.3-19.7)	15.9(15.1-16.4)		En78.4Fs14.8Wo6.8, En66.7Fs10.6Wo22.7
Yamato-8439	60.80	H4	18.2(17.5-19.2)	15.7(15.0-16.4)		
Yamato-8440	4.11	H4	18.3(17.1-19.9)	15.9(15.0-16.5)		ap., merr.
Yamato-8441	2.13	H4	18.5(17.8-19.8)	16.2(14.9-19.4)		merr.
Yamato-8442	4.25	H4	18.5(17.8-19.8)	16.2(14.9-19.4)		
Yamato-8443	6.06	H4	18.3(17.7-20.0)	15.9(14.6-17.3)		
Yamato-8444	0.20	H4	18.0(17.1-19.1)	16.0(14.1-18.1)		merr.
Yamato-8445	4.99	H4	18.4(17.5-19.6)	16.4(14.8-23.0)		merr.
Yamato-8446	88.17	H4	18.6(17.6-20.1)	16.4(15.2-18.5)		
Yamato-8447	5.86	H4	18.7(17.9-20.4)	16.2(15.1-18.3)		En78.5Fs15.6Wo5.9
Yamato-8448	53.35	Ure	(6.0-22.4)	(12.1-14.4)		En66.7-84.9Fs12.1-24.5Wo3.0-9.6
Yamato-8449	14.50	CR2	2.8(0.6-26.3)	3.0(1.1-13.7)		
Yamato-8450	12.12	H4	18.4(17.1-19.3)	15.9(14.0-17.1)		merr.
Yamato-8451	54.86	Pal	(8.9-10.8)	(8.4-9.3)		En89.0-90.9Fs8.4-9.3Wo0.5-2.1
Yamato-8452	3.29	CM2	14.5(0.3-51.5)	7.9(0.4-49.1)		ap.
Yamato-8453	10.99	H4	18.1(16.8-18.6)	15.8(14.9-16.1)		
Yamato-8454	13.13	H3	18.3(17.5-19.7)	15.4(12.1-23.6)		
Yamato-8455	1.06	H4	18.3(17.2-19.4)	16.0(15.2-17.0)		
Yamato-8456	3.23	L6	24.2(21.7-25.7)	20.4(19.2-21.8)		Pl(An10.6Or5.1), En46.7Fs7.0Wo45.7
Yamato-8457	79.30	H5	18.9(18.0-14.6)	16.7(15.6-21.3)		maskl.
Yamato-8458	6.05	H5	18.2(17.3-19.6)	15.7(14.2-16.8)		merr., ap.
Yamato-8459	5.72	L6	24.0(23.0-25.4)	20.4(19.2-24.2)		Pl(An10.9Or6.0)
<Yamato-86 Meteorites>						
Yamato-86001	6.43	L6	24.6(23.1-25.4)	21.1(19.2-26.8)		Pl(An11.3Or5.5), En48.1Fs8.1Wo43.8, maskl, ap.
Yamato-86002	3.48	H5	18.1(17.0-18.7)	15.5(14.2-16.4)		merr., ap.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86003	4.33	L6	24.4(23.8-26.8)	20.5(19.5-24.4)		En46.6Fs7.2Wo46.2 L6, clast(Fa24.3, Fs20.4), ap., maskl.
Yamato-86004	62.78	E6		0.3(0.0-2.3)		Pl(An0.3An6.0)
Yamato-86005	39.07	L6	18.0(0.3-34.7)	13.6(1.6-25.0)		
Yamato-86006	6.47	Euc(Br)		(33.7-58.7)		Pl(An87.8-95.7Or0.0-0.6), En37.0-62.3Fs30.3-58.7Wo1.5-20.2
Yamato-86007	17.93	L6	24.8(23.6-25.5)	20.8(20.0-22.9)		Pl(An10.4Or5.7), maskl.
Yamato-86008	27.64	H4	18.0(16.9-18.6)	15.8(15.4-20.9)		ap.
Yamato-86009	60.69	CV3	5.2(0.4-33.9)	3.5(0.4-39.0)		Pl(An29.1-87.1)
Yamato-86010	4.20	L6	24.7(23.6-26.1)	20.6(20.0-21.8)		PL(An10.6Or5.8)
Yamato-86011	9.13	H5	18.6(18.0-19.3)	16.5(15.5-20.1)		
Yamato-86012	9.97	L6	24.7(24.1-25.4)	20.5(19.5-21.8)		Pl(An10.7Or5.1), En46.9Fs8.5Wo44.6, merr.
Yamato-86013	5.43	L6	24.7(23.7-25.9)	20.4(19.6-21.5)		Pl(An10.5Or7.3), En47.9Fs9.1Wo44.1, maskl.
Yamato-86014	6.24	L6	24.9(24.0-25.9)	20.5(19.8-21.3)		En47.5Fs8.0Wo44.5, ap., merr., maskl.
Yamato-86015	4.64	CM2	8.4(0.3-41.2)	2.4(0.3-53.4)		En87.3Fs5.5Wo7.3
Yamato-86016	9.01	H4	17.3(16.6-17.9)	15.6(14.0-19.3)		
Yamato-86017	15.30	H6	18.5(17.7-19.2)	16.3(15.1-17.0)		Pl(An12.5Or5.4), En48.3Fs5.8Wo45.9
Yamato-86018	18.34	L6	24.8(24.1-25.5)	20.7(19.9-23.4)		Pl(An10.7Or5.6), ap., maskl.
Yamato-86019	12.66	L6	24.4(23.5-25.0)	20.4(19.5-21.4)		Pl(An10.8Or6.7), ap., maskl.
Yamato-86020	8.69	L6	25.6(23.7-27.2)	21.3(20.7-22.0)		Pl(An10.2Or4.4), merr., maskl.
Yamato-86021	7.95	L6	25.6(24.0-26.2)	21.2(19.5-22.3)		En47.7Fs8.3Wo44.0, ap., maskl.
Yamato-86022	4.80	L6	24.7(23.2-25.6)	21.1(20.2-25.9)		ap., maskl.
Yamato-86023	4.77	L6	24.6(23.1-25.7)	20.6(19.4-22.9)		merr.
Yamato-86024	4.70	L6	24.3(23.2-25.1)	20.6(19.5-22.6)		En47.2Fs7.7Wo45.1
Yamato-86025	4.08	L6	24.5(24.2-25.7)	20.7(19.9-21.8)		Pl(An6.1Or13.2), En73.4Fs18.8Wo7.8
Yamato-86026	2.44	L6	24.8(24.1-26.1)	20.5(19.7-22.0)		Pl(An10.3Or5.5)
Yamato-86027	2.21	L6	2.39(22.2-25.2)	20.2(19.2-23.2)		Pl(An10Or5.0), En49.6Fs7.1Wo43.4, maskl.
Yamato-86028	3.92	C6	29.3(27.4-31.9)	25.6(24.1-28.1)		Pl(Ab21.0-62.2An35.4-78.5Or0.5-2.4), maskl.
Yamato-86029	11.83	C1				
Yamato-86030	10.72	L6	24.0(23.1-24.8)	20.1(19.0-21.9)		Pl(An11.0Or3.9), En47.5Fs7.3Wo45.1, ap., maskl.
Yamato-86031	10.29	L6	24.0(22.7-25.0)	20.2(18.9-21.4)		maskl.
Yamato-86032	648.43	Ano(Br)	(63.1-92.8)	(16.5-40.6)		Pl(An90.9-97.4), En18.6-80.4Fs8.4-48.6Wo2.6-40.5
Yamato-86033	0.52					
Yamato-86034	0.65	CM2	7.9(0.1-61.6)	2.3(0.5-5.3)		ap.
Yamato-86035	2.41	L6	24.2(23.0-26.4)	20.2(19.3-20.8)		Pl(An9.2Or4.4)
Yamato-86036	603.90	L5	24.0(22.8-25.2)	20.1(18.9-23.3)		Pl(An9.6Or5.5), merr.
Yamato-86037	7.90	L6	24.1(22.8-25.6)	20.1(18.8-20.6)		Pl(An11.7Or5.7), maskl.
Yamato-86038	3.18	L6	24.4(23.2-26.6)	20.6(19.3-22.7)		Pl(An12.0Or8.6), merr., ap., maskl.
Yamato-86039	9.32	CM2	9.71(0.1-67.7)	1.19(0.5-5.2)		En63.4Fs0.7Wo35.9
Yamato-86040	1.69	L6	24.6(23.8-25.4)	20.4(19.7-20.8)		Pl(An12.7Or7.8), En48.2Fs7.4Wo44.5, maskl.
Yamato-86041	1.50	L6	24.3(23.4-25.0)	20.9(18.9-27.2)		Pl(An11.6Or4.6), En7.2Fs7.2Wo45.6, maskl.
Yamato-86042	12.20	L6	24.1(23.1-25.8)	20.2(19.0-21.0)		Pl(An10.2Or4.5), maskl.
Yamato-86043	2.20	H5	18.5(17.8-19.6)	16.2(14.9-17.1)		
Yamato-86044	4.65	L6	24.6(24.0-25.1)	20.5(19.9-22.3)		Pl(An11.6Or6.6), En46.3Fs6.8Wo46.9
Yamato-86045	2.59	L6	24.9(23.3-27.6)	20.3(19.2-21.3)		En44.8Fs12.9Wo42.4, En46.6Fs7.0Wo46.4
Yamato-86046	26.32	L6	24.7(23.6-25.9)	20.6(19.5-21.1)		En47.2Fs8.2Wo44.5, maskl.
Yamato-86047	1.54	L3	23.5(21.6-34.5)	17.6(5.8-24.1)		
Yamato-86048	6.05	Euc(pol)	76.8	(26.7-69.1)		Pl(An79.3-93.6Or0.1-1.4), En26.5-69.2Fs26.7-69.1Wo1.4-42.9
Yamato-86049	6.73	L6	23.8(22.4-25.4)	20.4(19.1-23.8)		Pl(An9.9Or6.4), En54.3Fs10.3Wo35.4, merr., maskl.
Yamato-86050	2.35	H6	18.6(17.4-19.5)	16.2(15.3-17.2)		Pl(An11.4Or4.9)
Yamato-86051	889.29	H4	17.6(16.4-18.7)	15.5(14.7-17.0)		
Yamato-86052	23.80	H4	17.7(16.3-18.5)	15.6(14.6-17.3)		
Yamato-86053	19.53	L6	23.1(20.8-24.4)	19.7(18.2-21.8)		En47.1Fs7.8Wo45.1, maskl.
Yamato-86054	10.98	H4	16.8(6.2-20.5)	14.1(1.7-22.8)		En52.9Fs6.4Wo40.7
Yamato-86055	137.49	L3	22.4(20.8-24.6)	16.4(3.7-24.4)		En65.7Fs20.4Wo13.9, En78.2Fs16.3Wo5.5
Yamato-86056	36.23	L6	24.7(24.3-25.2)	20.7(19.6-26.1)		Pl(An11.1Or7.0)
Yamato-86057	2.60	L6	24.6(23.4-25.8)	21.4(18.7-33.2)		Pl(An10.2Or7.2), En47.6Fs9.3Wo43.1, merr.
Yamato-86058	0.17	L6	24.5(23.9-25.9)	20.8(19.6-22.2)		En47.2Fs8.0Wo44.9, maskl.
Yamato-86059	8.17	H5	18.5(16.2-19.7)	16.1(15.5-17.3)		merr.
Yamato-86060	8.47	L6	24.5(23.7-25.0)	21.0(20.0-24.1)		Pl(An11.2Or4.0), merr.
Yamato-86061	38.84	H4	18.0(17.4-18.8)	15.6(15.0-16.1)		ap., merr.
Yamato-86062	20.33	H4	18.7(17.9-19.8)	16.3(14.7-19.7)		merr.
Yamato-86063	33.76	H4	18.7(17.3-20.4)	16.3(15.3-18.4)		merr.
Yamato-86064	40.06	H4	18.1(17.3-18.7)	16.0(14.1-19.8)		
Yamato-86065	21.74	H4	18.7(17.6-19.7)	16.1(15.0-17.8)		
Yamato-86066	20.04	H4	18.7(17.8-19.9)	16.1(15.2-16.7)		En55.0Fs7.3Wo37.6
Yamato-86067	22.84	H4	18.0(16.4-18.6)	16.0(14.8-17.6)		merr.
Yamato-86068	25.74	H4	18.7(17.9-22.2)	16.3(14.8-19.4)		ap.
Yamato-86069	20.48	H4	19.2(17.1-20.2)	16.2(15.1-19.6)		
Yamato-86070	19.85	H4	18.4(17.7-19.8)	16.5(15.0-19.6)		
Yamato-86071	16.86	H4	18.7(17.8-20.0)	16.6(15.8-17.6)		En573Fs7.1Wo35.6, merr.
Yamato-86072	15.27	H4	18.6(17.0-19.5)	15.9(15.1-16.7)		
Yamato-86073	15.60					
Yamato-86074	22.99					
Yamato-86075	15.11					
Yamato-86076	22.89					
Yamato-86077	11.47					
Yamato-86078	9.63					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86079	14.05					
Yamato-86080	10.37					
Yamato-86081	10.65					
Yamato-86082	7.34					
Yamato-86083	8.88					
Yamato-86084	7.43					
Yamato-86085	10.54					
Yamato-86086	9.18					
Yamato-86087	12.21					
Yamato-86088	11.65					
Yamato-86089	6.48					
Yamato-86090	10.03					
Yamato-86091	12.34					
Yamato-86092	8.70					
Yamato-86093	6.65					
Yamato-86094	5.35					
Yamato-86095	8.34					
Yamato-86096	6.29					
Yamato-86097	8.19					
Yamato-86098	6.52					
Yamato-86099	11.14					
Yamato-86100	7.78					
Yamato-86101	8.36					
Yamato-86102	5.35					
Yamato-86103	9.84					
Yamato-86104	7.54					
Yamato-86105	7.18					
Yamato-86106	6.53					
Yamato-86107	6.57					
Yamato-86108	6.63					
Yamato-86109	5.35					
Yamato-86110	3.73					
Yamato-86111	6.83					
Yamato-86112	4.42					
Yamato-86113	3.54					
Yamato-86114	2.28					
Yamato-86115	1.99					
Yamato-86116	3.78					
Yamato-86117	3.68					
Yamato-86118	2.35					
Yamato-86119	3.58					
Yamato-86120	2.10					
Yamato-86121	2.43					
Yamato-86122	3.54					
Yamato-86123	2.18					
Yamato-86124	6.22					
Yamato-86125	4.48					
Yamato-86126	4.88					
Yamato-86127	2.96					
Yamato-86128	2.79					
Yamato-86129	2.59					
Yamato-86130	2.17					
Yamato-86131	3.36					
Yamato-86132	2.86					
Yamato-86133	2.43					
Yamato-86134	2.07					
Yamato-86135	2.33					
Yamato-86136	1.55					
Yamato-86137	3.05					
Yamato-86138	2.57					
Yamato-86139	2.47					
Yamato-86140	0.85					
Yamato-86141	2.70					
Yamato-86142	1.82					
Yamato-86143	2.52					
Yamato-86144	2.62					
Yamato-86145	1.55					
Yamato-86146	1.18					
Yamato-86147	2.76					
Yamato-86148	2.20					
Yamato-86149	1.51					
Yamato-86150	3.33					
Yamato-86151	1.45					
Yamato-86152	1.86					
Yamato-86153	1.28					
Yamato-86154	0.98					
Yamato-86155	2.05					
Yamato-86156	1.49					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86157	1.83					
Yamato-86158	1.55					
Yamato-86159	1.50					
Yamato-86160	1.22					
Yamato-86161	0.91					
Yamato-86162	1.02					
Yamato-86163	1.09					
Yamato-86164	1.63					
Yamato-86165	1.15					
Yamato-86166	1.29					
Yamato-86167	1.18					
Yamato-86168	0.81					
Yamato-86169	0.59					
Yamato-86170	1.12					
Yamato-86171	0.86					
Yamato-86172	1.16					
Yamato-86173	0.58					
Yamato-86174	0.85					
Yamato-86175	0.63					
Yamato-86176	1.07					
Yamato-86177	0.74					
Yamato-86178	0.61					
Yamato-86179	0.87					
Yamato-86180	0.41					
Yamato-86181	0.25					
Yamato-86182	0.30					
Yamato-86183	0.21					
Yamato-86184	0.20					
Yamato-86185	3.08					
Yamato-86186	229.26	H4	18.6(18.0-19.2)	16.2(15.2-18.1)		merr.
Yamato-86187	55.06	H4	18.6(17.6-19.6)	16.2(14.8-17.4)		En76.4Fs14.3Wo9.4, merr.
Yamato-86188	23.62	H4	18.8(18.0-19.8)	16.1(15.5-17.2)		En76.3Fs14.6Wo9.1, ap., merr.
Yamato-86189	40.78	H4	18.2(17.5-18.8)	15.8(15.3-16.6)		merr.
Yamato-86190	18.07	H6	18.9(18.2-19.7)	16.2(14.9-20.7)		En51.4Fs6.0Wo42.6
Yamato-86191	19.22	H4	18.3(17.5-19.0)	16.0(14.9-16.7)		
Yamato-86192	15.66	H4	18.3(17.4-18.9)	15.9(15.2-16.4)		
Yamato-86193	10.31	H4	18.3(17.6-19.2)	16.0(14.8-17.8)		
Yamato-86194	9.52					
Yamato-86195	7.94					
Yamato-86196	12.88					
Yamato-86197	5.75					
Yamato-86198	11.60					
Yamato-86199	10.07					
Yamato-86200	8.95					
Yamato-86201	9.08					
Yamato-86202	9.74					
Yamato-86203	3.85					
Yamato-86204	4.25					
Yamato-86205	6.55					
Yamato-86206	7.22					
Yamato-86207	6.00					
Yamato-86208	3.93					
Yamato-86209	2.82					
Yamato-86210	6.53					
Yamato-86211	3.18					
Yamato-86212	2.32					
Yamato-86213	2.95					
Yamato-86214	3.62					
Yamato-86215	6.62					
Yamato-86216	6.32					
Yamato-86217	4.13					
Yamato-86218	5.59					
Yamato-86219	4.39					
Yamato-86220	5.55					
Yamato-86221	6.02					
Yamato-86222	3.18					
Yamato-86223	2.23					
Yamato-86224	2.96					
Yamato-86225	2.04					
Yamato-86226	1.68					
Yamato-86227	2.07					
Yamato-86228	2.11					
Yamato-86229	1.86					
Yamato-86230	1.77					
Yamato-86231	2.24					
Yamato-86232	2.24					
Yamato-86233	1.90					
Yamato-86234	2.29					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86235	2.17					
Yamato-86236	1.64					
Yamato-86237	2.00					
Yamato-86238	2.38					
Yamato-86239	2.83					
Yamato-86240	1.89					
Yamato-86241	1.60					
Yamato-86242	1.38					
Yamato-86243	1.40					
Yamato-86244	1.15					
Yamato-86245	0.95					
Yamato-86246	1.32					
Yamato-86247	1.09					
Yamato-86248	0.89					
Yamato-86249	1.12					
Yamato-86250	0.70					
Yamato-86251	1.14					
Yamato-86252	1.51					
Yamato-86253	1.30					
Yamato-86254	1.11					
Yamato-86255	1.60					
Yamato-86256	0.97					
Yamato-86257	1.18					
Yamato-86258	1.05					
Yamato-86259	0.73					
Yamato-86260	0.51					
Yamato-86261	0.88					
Yamato-86262	0.65					
Yamato-86263	0.86					
Yamato-86264	0.68					
Yamato-86265	0.87					
Yamato-86266	0.44					
Yamato-86267	0.82					
Yamato-86268	0.51					
Yamato-86269	0.28					
Yamato-86270	1.17					
Yamato-86271	177.15					
Yamato-86272	110.69					
Yamato-86273	63.95					
Yamato-86274	68.48					
Yamato-86275	46.48					
Yamato-86276	41.34					
Yamato-86277	33.35					
Yamato-86278	40.23					
Yamato-86279	35.91					
Yamato-86280	26.46					
Yamato-86281	35.62					
Yamato-86282	17.43					
Yamato-86283	23.53					
Yamato-86284	17.90					
Yamato-86285	23.15					
Yamato-86286	22.05					
Yamato-86287	23.52					
Yamato-86288	16.40					
Yamato-86289	12.45					
Yamato-86290	14.75					
Yamato-86291	10.86					
Yamato-86292	19.98					
Yamato-86293	14.63					
Yamato-86294	13.87					
Yamato-86295	10.95					
Yamato-86296	10.83					
Yamato-86297	9.55					
Yamato-86298	12.39					
Yamato-86299	14.66					
Yamato-86300	13.08					
Yamato-86301	13.67					
Yamato-86302	14.74					
Yamato-86303	7.73					
Yamato-86304	7.09					
Yamato-86305	7.65					
Yamato-86306	8.33					
Yamato-86307	8.36					
Yamato-86308	9.24					
Yamato-86309	9.64					
Yamato-86310	8.99					
Yamato-86311	7.39					
Yamato-86312	8.15					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86313	7.42					
Yamato-86314	9.63					
Yamato-86315	7.69					
Yamato-86316	8.14					
Yamato-86317	7.68					
Yamato-86318	9.90					
Yamato-86319	5.72					
Yamato-86320	6.72					
Yamato-86321	10.19					
Yamato-86322	7.58					
Yamato-86323	9.80					
Yamato-86324	8.32					
Yamato-86325	6.72					
Yamato-86326	6.41					
Yamato-86327	5.72					
Yamato-86328	4.42					
Yamato-86329	4.64					
Yamato-86330	7.77					
Yamato-86331	10.18					
Yamato-86332	4.74					
Yamato-86333	8.02					
Yamato-86334	6.00					
Yamato-86335	4.51					
Yamato-86336	6.09					
Yamato-86337	7.48					
Yamato-86338	4.31					
Yamato-86339	6.28					
Yamato-86340	6.11					
Yamato-86341	5.99					
Yamato-86342	6.78					
Yamato-86343	4.36					
Yamato-86344	4.91					
Yamato-86345	6.31					
Yamato-86346	3.84					
Yamato-86347	5.26					
Yamato-86348	7.25					
Yamato-86349	7.07					
Yamato-86350	4.32					
Yamato-86351	7.14					
Yamato-86352	4.85					
Yamato-86353	6.52					
Yamato-86354	5.68					
Yamato-86355	4.76					
Yamato-86356	6.43					
Yamato-86357	4.38					
Yamato-86358	5.95					
Yamato-86359	7.94					
Yamato-86360	5.16					
Yamato-86361	6.77					
Yamato-86362	4.04					
Yamato-86363	5.71					
Yamato-86364	5.17					
Yamato-86365	3.65					
Yamato-86366	6.16					
Yamato-86367	5.86					
Yamato-86368	3.67					
Yamato-86369	4.75					
Yamato-86370	3.32					
Yamato-86371	5.75					
Yamato-86372	5.89					
Yamato-86373	5.67					
Yamato-86374	5.66					
Yamato-86375	4.32					
Yamato-86376	4.20					
Yamato-86377	4.21					
Yamato-86378	4.93					
Yamato-86379	4.73					
Yamato-86380	4.95					
Yamato-86381	4.61					
Yamato-86382	4.15					
Yamato-86383	4.59					
Yamato-86384	4.43					
Yamato-86385	4.93					
Yamato-86386	3.24					
Yamato-86387	4.14					
Yamato-86388	3.70					
Yamato-86389	5.18					
Yamato-86390	3.99					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86391	4.27					
Yamato-86392	3.95					
Yamato-86393	3.36					
Yamato-86394	3.31					
Yamato-86395	3.20					
Yamato-86396	3.12					
Yamato-86397	3.09					
Yamato-86398	3.51					
Yamato-86399	4.27					
Yamato-86400	4.13					
Yamato-86401	2.59					
Yamato-86402	3.40					
Yamato-86403	1.13					
Yamato-86404	3.42					
Yamato-86405	1.97					
Yamato-86406	2.96					
Yamato-86407	3.02					
Yamato-86408	3.20					
Yamato-86409	2.27					
Yamato-86410	2.43					
Yamato-86411	2.84					
Yamato-86412	3.61					
Yamato-86413	3.31					
Yamato-86414	2.46					
Yamato-86415	2.89					
Yamato-86416	3.62					
Yamato-86417	2.32					
Yamato-86418	3.66					
Yamato-86419	2.55					
Yamato-86420	3.83					
Yamato-86421	3.82					
Yamato-86422	3.47					
Yamato-86423	2.70					
Yamato-86424	4.21					
Yamato-86425	3.41					
Yamato-86426	2.22					
Yamato-86427	2.71					
Yamato-86428	2.57					
Yamato-86429	2.45					
Yamato-86430	2.03					
Yamato-86431	1.53					
Yamato-86432	1.88					
Yamato-86433	2.01					
Yamato-86434	1.69					
Yamato-86435	1.71					
Yamato-86436	2.32					
Yamato-86437	1.19					
Yamato-86438	2.05					
Yamato-86439	1.34					
Yamato-86440	1.68					
Yamato-86441	2.80					
Yamato-86442	1.99					
Yamato-86443	1.92					
Yamato-86444	1.61					
Yamato-86445	1.51					
Yamato-86446	1.95					
Yamato-86447	1.08					
Yamato-86448	1.53					
Yamato-86449	0.93					
Yamato-86450	0.50					
Yamato-86451	2.52					
Yamato-86452	2.49					
Yamato-86453	2.63					
Yamato-86454	1.66					
Yamato-86455	1.58					
Yamato-86456	0.76					
Yamato-86457	1.49					
Yamato-86458	1.57					
Yamato-86459	1.13					
Yamato-86460	1.74					
Yamato-86461	1.01					
Yamato-86462	2.94					
Yamato-86463	1.97					
Yamato-86464	2.35					
Yamato-86465	1.51					
Yamato-86466	1.69					
Yamato-86467	1.61					
Yamato-86468	1.43					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86469	0.87					
Yamato-86470	0.82					
Yamato-86471	2.49					
Yamato-86472	1.83					
Yamato-86473	2.06					
Yamato-86474	3.02					
Yamato-86475	1.49					
Yamato-86476	2.05					
Yamato-86477	1.54					
Yamato-86478	1.06					
Yamato-86479	0.95					
Yamato-86480	0.89					
Yamato-86481	3.11					
Yamato-86482	2.52					
Yamato-86483	1.94					
Yamato-86484	2.37					
Yamato-86485	1.45					
Yamato-86486	2.01					
Yamato-86487	1.59					
Yamato-86488	1.50					
Yamato-86489	1.41					
Yamato-86490	1.08					
Yamato-86491	2.55					
Yamato-86492	3.43					
Yamato-86493	2.18					
Yamato-86494	2.02					
Yamato-86495	2.57					
Yamato-86496	1.74					
Yamato-86497	2.17					
Yamato-86498	1.53					
Yamato-86499	1.52					
Yamato-86500	1.25					
Yamato-86501	3.52					
Yamato-86502	2.45					
Yamato-86503	2.29					
Yamato-86504	2.41					
Yamato-86505	1.27					
Yamato-86506	2.06					
Yamato-86507	0.71					
Yamato-86508	0.64					
Yamato-86509	0.51					
Yamato-86510	0.65					
Yamato-86511	2.32					
Yamato-86512	1.18					
Yamato-86513	1.92					
Yamato-86514	2.45					
Yamato-86515	1.38					
Yamato-86516	0.33					
Yamato-86517	1.48					
Yamato-86518	1.72					
Yamato-86519	1.96					
Yamato-86520	2.00					
Yamato-86521	2.65					
Yamato-86522	2.99					
Yamato-86523	1.24					
Yamato-86524	0.96					
Yamato-86525	2.01					
Yamato-86526	1.74					
Yamato-86527	2.48					
Yamato-86528	2.34					
Yamato-86529	0.94					
Yamato-86530	1.11					
Yamato-86531	2.45					
Yamato-86532	1.82					
Yamato-86533	1.73					
Yamato-86534	2.15					
Yamato-86535	1.17					
Yamato-86536	1.99					
Yamato-86537	2.03					
Yamato-86538	1.42					
Yamato-86539	1.36					
Yamato-86540	2.12					
Yamato-86541	2.64					
Yamato-86542	2.10					
Yamato-86543	1.11					
Yamato-86544	1.57					
Yamato-86545	1.96					
Yamato-86546	0.42					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86547	2.12					
Yamato-86548	1.74					
Yamato-86549	1.45					
Yamato-86550	1.27					
Yamato-86551	1.16					
Yamato-86552	0.85					
Yamato-86553	2.34					
Yamato-86554	1.35					
Yamato-86555	0.64					
Yamato-86556	1.10					
Yamato-86557	0.66					
Yamato-86558	1.23					
Yamato-86559	1.00					
Yamato-86560	1.32					
Yamato-86561	2.06					
Yamato-86562	1.68					
Yamato-86563	1.21					
Yamato-86564	0.64					
Yamato-86565	1.25					
Yamato-86566	0.80					
Yamato-86567	2.03					
Yamato-86568	1.12					
Yamato-86569	0.98					
Yamato-86570	0.76					
Yamato-86571	1.00					
Yamato-86572	2.62					
Yamato-86573	1.79					
Yamato-86574	1.66					
Yamato-86575	2.03					
Yamato-86576	2.06					
Yamato-86577	1.25					
Yamato-86578	1.21					
Yamato-86579	1.00					
Yamato-86580	1.09					
Yamato-86581	1.17					
Yamato-86582	1.78					
Yamato-86583	1.93					
Yamato-86584	1.50					
Yamato-86585	1.59					
Yamato-86586	1.91					
Yamato-86587	1.33					
Yamato-86588	0.93					
Yamato-86589	1.33					
Yamato-86590	0.66					
Yamato-86591	1.87					
Yamato-86592	2.67					
Yamato-86593	2.76					
Yamato-86594	2.29					
Yamato-86595	3.41					
Yamato-86596	1.84					
Yamato-86597	3.12					
Yamato-86598	2.09					
Yamato-86599	1.48					
Yamato-86600	1.49					
Yamato-86601	1.44					
Yamato-86602	2.04					
Yamato-86603	1.45					
Yamato-86604	1.64					
Yamato-86605	1.61					
Yamato-86606	0.70					
Yamato-86607	1.33					
Yamato-86608	1.22					
Yamato-86609	1.27					
Yamato-86610	1.01					
Yamato-86611	0.97					
Yamato-86612	0.80					
Yamato-86613	1.24					
Yamato-86614	0.99					
Yamato-86615	1.03					
Yamato-86616	0.77					
Yamato-86617	0.77					
Yamato-86618	1.17					
Yamato-86619	0.82					
Yamato-86620	1.01					
Yamato-86621	0.85					
Yamato-86622	0.84					
Yamato-86623	0.90					
Yamato-86624	0.87					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86625	0.85					
Yamato-86626	0.68					
Yamato-86627	0.93					
Yamato-86628	0.75					
Yamato-86629	0.65					
Yamato-86630	27.56					
Yamato-86631	33.94	L3	24.6(16.6-26.4)	16.0(4.4-31.6)		En70.0Fs23.1Wo6.9
Yamato-86632	96.59	L3	24.4(15.1-27.0)	14.3(2.7-28.2)		
Yamato-86633	3.96	C4	32.9(31.9-33.9)	26.9(26.0-27.6)		En42.3Fs9.2Wo47.5
Yamato-86634	27.94	H5	18.7(18.0-19.3)	16.4(15.5-17.9)		Pl(An12.3Or9.2), En47.1Fs6.8Wo46.0
Yamato-86635	121.60	H6	18.5(17.7-19.1)	16.2(14.8-16.9)		Pl(An12.6Or5.8), En48.3Fs5.2Wo46.5
Yamato-86636	82.90	H5	17.2(16.6-17.5)	15.2(14.5-15.8)		
Yamato-86637	297.52	H4	17.4(17.0-18.1)	15.4(13.7-18.8)		Pl(An12.7Or5.1), En49.2Fs5.3Wo45.5
Yamato-86638	130.80	H4	19.1(18.0-20.4)	16.7(11.7-21.5)		
Yamato-86639	13.67	H4	18.3(15.5-19.6)	14.6(3.1-18.6)		
Yamato-86640	3.46	H4	17.5(16.7-18.4)	15.7(15.0-16.8)		
Yamato-86641	25.51					
Yamato-86642	28.01					
Yamato-86643	3.53					
Yamato-86644	51.23					
Yamato-86645	41.77					
Yamato-86646	9.23					
Yamato-86647	8.68					
Yamato-86648	6.54					
Yamato-86649	21.77					
Yamato-86650	16.74					
Yamato-86651	17.47					
Yamato-86652	8.07					
Yamato-86653	7.00					
Yamato-86654	3.68					
Yamato-86655	6.20					
Yamato-86656	5.90					
Yamato-86657	4.07					
Yamato-86658	3.58					
Yamato-86659	3.41					
Yamato-86660	4.89					
Yamato-86661	5.32					
Yamato-86662	3.17					
Yamato-86663	4.08					
Yamato-86664	2.17					
Yamato-86665	1.98					
Yamato-86666	1.97					
Yamato-86667	2.89					
Yamato-86668	1.40					
Yamato-86669	1.05					
Yamato-86670	1.03					
Yamato-86671	0.65					
Yamato-86672	0.42					
Yamato-86673	0.74					
Yamato-86674	4.44					
Yamato-86675	3.85					
Yamato-86676	3.78					
Yamato-86677	31.81					
Yamato-86678	77.43					
Yamato-86679	4.14					
Yamato-86680	5.08					
Yamato-86681	3.97					
Yamato-86682	4.17					
Yamato-86683	3.86					
Yamato-86684	0.89					
Yamato-86685	0.37					
Yamato-86686	26.99	CM2	12.0(0.3-42.3)	3.0(0.5-33.5)		
Yamato-86687	0.97	CM2	3.38(0.2-26.9)	3.24(0.4-8.2)		
Yamato-86688	0.66	CM2	13.7(0.1-45.5)	3.0(0.5-21.6)		
Yamato-86689	263.51	L6	24.3(23.7-24.8)	20.7(19.7-22.4)		En47.2Fs7.5Wo45.2
Yamato-86690	9.50	CM2	10.3(0.2-57.2)	2.7(0.2-14.5)		
Yamato-86691	104.13	L6	24.7(23.6-26.0)	20.9(19.6-21.9)		Pl(An10.9Or6.4), merr., ap.
Yamato-86692	19.78	LL6	30.6(29.8-31.9)	25.0(24.4-25.8)		En46.0Fs10.1Wo43.9
Yamato-86693	16.17	CM2	15.7(0.2-40.1)	1.74(0.4-7.4)		
Yamato-86694	4.91	CM2	6.8(0.2-36.8)	2.2(0.5-6.9)		
Yamato-86695	59.59	CM2	10.6(0.1-53.4)	1.4(0.5-3.7)		
Yamato-86696	12.34	CM2	6.6(0.2-42.6)	2.7(0.4-19.6)		
Yamato-86697	6.35	CM2	8.0(0.1-60.8)	1.3(0.2-8.2)		
Yamato-86698	6.12	CM2	7.34(0.1-15.1)	1.6(0.2-5.6)		
Yamato-86699	6.50	CM2	8.3(0.2-47.2)	1.8(0.4-7.5)		
Yamato-86700	6.56	CM2	7.1(0.0-42.9)	2.5(0.6-14.7)		
Yamato-86701	4.46	CM2	9.9(0.1-53.5)	4.8(0.4-54.4)		
Yamato-86702	3.20	CM2	16.1(0.2-52.2)	2.1(0.5-14.9)		

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86703	1.69	CM2	27.3(0.1-52.1)	1.7(0.5-8.1)		En57.9Fs0.5Wo41.6
Yamato-86704	1.49	CM2	9.6(0.2-33.0)	2.4(0.3-8.1)		En92.5Fs0.9Wo6.8
Yamato-86705	202.69	L3	24.0(13.0-26.8)	14.8(3.0-24.6)		En70.8Fs16.5Wo12.8
Yamato-86706	42.03	L3	24.5(17.7-27.0)	14.5(2.3-38.9)		
Yamato-86707	10.51	H4	18.7(17.8-19.6)	16.8(15.5-19.6)		En57.1Fs8.1Wo34.8, merr.
Yamato-86708	118.12	H5	19.1(18.4-19.6)	16.5(15.4-17.9)		En49.1Fs5.6Wo45.5
Yamato-86709	3.08	L6	25.3(24.2-26.7)	21.0(19.7-23.6)		En47.6Fs8.5Wo43.9
Yamato-86710	20.20	H4	18.8(17.5-20.0)	16.7(15.0-20.1)		merr.
Yamato-86711	37.05	LL3	13.0(0.2-30.3)	11.0(0.2-28.8)		En66.3Fs14.5Wo17.2
Yamato-86712	723.55	L3	24.1(11.7-27.1)	15.1(5.3-26.3)		En73.6Fs12.1Wo14.3
Yamato-86713	18.37	LL6	27.8(26.4-29.1)	22.6(21.5-23.6)		En45.6Fs9.3Wo45.1
Yamato-86714	11.38	H5	18.1(16.9-19.0)	16.0(15.1-17.4)		Pl(An30.8Or2.1)
Yamato-86715	31.75	H4	18.1(17.3-19.1)	15.7(14.1-17.4)		
Yamato-86716	1.61	CM2	11.3(0.3-56.6)	2.03(0.6-0.9)		
Yamato-86717	14.73	LL6	24.8(23.8-25.5)	21.3(20.1-23.6)		En48.2Fs8.0Wo43.8
Yamato-86718	95.55	L5	24.7(23.5-25.4)	20.8(19.9-22.7)		
Yamato-86719	68.64	L4	24.1(22.9-25.2)	20.3(17.0-23.3)		
Yamato-86720	858.71	CM2				
Yamato-86721	1.74	LL6	24.8(23.5-26.8)	20.7(19.4-21.6)		En48.0Fs7.5Wo44.5
Yamato-86722	79.04	LL6	30.0(29.2-30.7)	25.2		Pl(An18.5-Or15.3), En44.8Fs7.3Wo47.9
Yamato-86723	2.57	LL6+H	30.7(28.6-32.5)	24.3		clast(Fa18.3, Fs16.2), En47.8Fs10.3Wo42.8
Yamato-86724	1.54	L6	24.8(24.0-26.3)	20.6(19.1-21.8)		En47.8Fs7.6Wo44.5, merr.
Yamato-86725	3.97	L6	31.3(30.2-32.3)	25.8(25.0-26.5)		shocked, En46.3Fs10.5Wo43.2
Yamato-86726	8.71	L6	24.9(24.1-26.1)	20.8(19.5-22.4)		En48.3Fs8.0Wo43.8
Yamato-86727	1.43	LL6	30.1(18.0-31.9)	22.2(14.5-26.0)		shocked, Pl(An11.9Or4.6), En46.2Fs11.9Wo42.0
Yamato-86728	2.56	LL6	30.5(28.7-31.4)	25.5(22.6-26.8)		Pl(An10.6Or3.3), En47.9Fs10.4Wo41.7, maskl.
Yamato-86729	11.14	L6	24.8(24.2-25.8)	20.9(19.5-22.3)		maskl.
Yamato-86730	6.54	LL6	31.5(29.8-32.7)	25.6(24.5-26.8)		En46.6Fs10.5Wo42.9
Yamato-86731	4.43	L6	24.6(23.6-26.2)	20.7(19.4-22.7)		En47.5Fs8.2Wo44.3
Yamato-86732	4.63	L6	24.6(23.4-26.1)	20.6(19.4-23.5)		Pl(An7.0Or46.8), En47.0Fs7.4Wo45.7
Yamato-86733	3.07	LL6	30.7(29.7-31.5)	25.2(23.9-26.1)		Pl(An11.2Or2.8), En46.1Fs10.3Wo43.6
Yamato-86734	4.13	L5	24.2(23.8-24.5)	20.1(18.5-21.6)		
Yamato-86735	1.82	L6	25.1(23.8-26.7)	20.9(19.9-22.8)		En46.8Fs8.6Wo44.6, maskl., ap.
Yamato-86736	3.09	CM2				En63.0Fs1.5Wo35.6
Yamato-86737	2.81	C1				
Yamato-86738	1.75	H5	18.4(17.8-19.1)	16.5(15.1-18.9)		merr.
Yamato-86739	3.42	LL6	30.4(29.4-31.2)	24.5(23.3-26.9)		shocked, Pl(An10.4Or3.9), En48.3Fs9.6Wo42.0
Yamato-86740	1.94	L6	24.5(23.8-25.4)	20.5(19.4-21.0)		Pl(An9.7Or5.8), En48.7Fs8.5Wo42.7
Yamato-86741	5.89	LL6	29.5(27.6-31.7)	24.2(22.0-25.7)		shocked, En49.3Fs11.7Wo39.0
Yamato-86742	66.91	L6	24.3(23.6-25.1)	20.3(19.3-22.4)		Pl(An9.0Or5.1), En47.9Fs8.3Wo43.8
Yamato-86743	13.50	L4-5	22.0(21.3-23.3)	18.7(17.7-20.2)		
Yamato-86744	1.58	L6	24.3(22.3-25.3)	20.5(19.7-21.3)		maskl., merr.
Yamato-86745	11.80	LL	27.1(18.6-33.2)	25.2(23.9-28.7)		breccia, LL6 clast:(Fa30.7,Fs24.8), Pl(An10.2Or2.0)
Yamato-86746	6.37	H4	18.8(17.5-19.5)	16.2(15.0-16.8)		ap.
Yamato-86747	3.63	H4	19.0(18.2-20.8)	16.6(16.0-17.1)		En76.5Fs8.3Wo15.2, merr.
Yamato-86748	595.24	H5	18.8(18.2-19.6)	16.3(15.4-18.6)		ap.
Yamato-86749	21.24	H4	18.4(17.3-19.4)	16.0(14.7-17.2)		merr.
Yamato-86750	3.99	H5	18.4(17.6-19.1)	16.1(14.6-16.9)		merr.
Yamato-86751	197.26	CV3	9.0(0.1-44.7)	1.5(0.4-9.5)		Pl(An45.9), sp.
Yamato-86752	10.27	CV3	13.8(0.4-44.3)	1.96(0.5-9.1)		En49.9-50.9Fs1.1-6.7Wo43.3-48.0, En66.7-90.6Fs2.3-16.2Wo7.1-17.1
Yamato-86753	7.51	L4	24.7(23.7-26.4)	20.9(19.7-23.9)		Pl(An10.8Or5.7), En47.5Fs7.4Wo45.2, ap.
Yamato-86754	136.31	L6	24.1(23.5-24.9)	20.5(19.5-21.6)		En47.9Fs7.8Wo44.3
Yamato-86755	11.04	L6	24.3(22.9-25.9)	20.3(19.6-21.4)		Pl(An10.5Or5.3), En45.9Fs11.4Wo42.7
Yamato-86756	26.93	L6	24.8(24.1-26.2)	20.7(19.7-21.7)		Pl(An10.8Or5.3), En72.5Fs17.4Wo10.1
Yamato-86757	57.66					
Yamato-86758	3.45	L6	24.9(23.6-27.2)	21.3(20.4-23.2)		Pl(An11.3Or6.3), En74.9Fs19.8Wo5.3
Yamato-86759	9.21	L6	24.7(22.3-26.4)	21.2(19.4-24.1)		En71.4Fs18.7Wo9.9, merr., maskl.
Yamato-86760	7.17	E5		0.4(0.1-2.5)		Pl(An0.1Or5.6)
Yamato-86761	5.57	L6	24.7(23.4-25.6)	20.9(20.0-23.9)		Pl(An11.7Or5.3), En43.4Fs14.2Wo42.4
Yamato-86762	27.34	Euc(pol)		(42.2-61.1)		Pl(An73.9-95.3Or0.1-1.7), En25.3-63.8 Fs30.4-61.1Wo3.6-36.6, SiO2
Yamato-86763	10.42	Euc(cum)		(61.0-63.3)		Pl(An87.9-91.3Or0-0.7), En28.8-36.1Fs36.8-63.3Wo1.4-33.8
Yamato-86764	13.39					
Yamato-86765	10.64					
Yamato-86766	2.94					
Yamato-86767	2.86					
Yamato-86768	3.19					
Yamato-86769	76.31					
Yamato-86770	94.89					
Yamato-86771	38.31					
Yamato-86772	81.00					
Yamato-86773	28.35					
Yamato-86774	611.50					
Yamato-86775	381.50					
Yamato-86776	396.76	LL4	26.5(25.3-27.7)	21.9(20.6-23.0)		
Yamato-86777	80.48	L6	24.6(24.0-25.4)	20.4(19.6-21.7)		ap.

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Yamato-86778	25.00					
Yamato-86779	15.92	L6	24.0(23.3-24.7)	20.0(18.6-21.0)		merr.
Yamato-86780	27.91					
Yamato-86781	49.65					
Yamato-86782	8.55					
Yamato-86783	3.71					
Yamato-86784	356.15					
Yamato-86785	7.70					
Yamato-86786	6.38					
Yamato-86787	4771	L6	24.7(23.3-25.8)	20.9(19.7-23.0)		Pl(An10.5Or1.3, An12.6Or8.1)
Yamato-86788	840.70					
Yamato-86789	340.36					
Yamato-86790	45.83					
Yamato-86791	4.32					
Yamato-86792	40.59					
Yamato-86793	17.14					
Yamato-86794	4.80					
Yamato-86795	9.07	How	12.9, 43.7	(14.1-62.2)		Pl(An86.0-95.6Or0.2-0.7), En26.3-85.2Fs14.1-65.0Wo0.7-38.4
Yamato-86796	6140	H6	18.1(17.6-18.6)	15.6(15.0-16.5)		merr.
Yamato-86797	693.75					
Yamato-86798	212.79					
Yamato-86799	8.65					
Yamato-86800	7.62					
Yamato-86801	5.44					
Yamato-86802	3.50					
Yamato-86803	2.16					
Yamato-86804	14.41					
Yamato-86805	10.74					
Yamato-86806	333.74					
Yamato-86807	74.14					
Yamato-86808	16.44	Dio(A)				
Yamato-86809	41.10					
Yamato-86810	55.44	Dio(A)				
Yamato-86811	22.64					
Yamato-86812	52.64					
Yamato-86813	4.18					
Yamato-86814						
<Asuka-86 Meteorites>						
Asuka-8601	46.42	H6	19.2(18.0-20.0)	17.1(16.0-17.6)		Pl(An11.4-12.0), En48.3Fs6.4Wo45.3
Asuka-8602	1595	L4	24.8(23.9-25.9)	21.2(19.6-24.2)		
Asuka-8603	565.61	H4	19.0(18.3-20.0)	16.5(15.2-17.9)		Pl(An13.0)
<Asuka-87 Meteorites>						
Asuka-87001	7.111					
Asuka-87002	1.459					
Asuka-87003	1.303					
Asuka-87004	0.872					
Asuka-87005	0.584					
Asuka-87006	0.470					
Asuka-87007	1.759	L4	22.9(22.3-23.6)	19.2(18.5-20.0)		merr.
Asuka-87008	1071.864					
Asuka-87009	0.849					
Asuka-87010	2066.828	L6	24.6(23.5-25.8)	21.1(20.0-26.0)		Pl(An11.7Or5.6), En47.7Fs7.8Wo44.5
Asuka-87011	0.872					
Asuka-87012	20.754					
Asuka-87013	2.496					
Asuka-87014	6.507					
Asuka-87015	0.259					
Asuka-87016	26.227					
Asuka-87017	35.021					
Asuka-87018	8.123					
Asuka-87019	28.708					
Asuka-87020	31.083					
Asuka-87021	17.521					
Asuka-87022	6.904					
Asuka-87023	4.589					
Asuka-87024	8.651					
Asuka-87025	53.518					
Asuka-87026	2.755					
Asuka-87027	21.141					
Asuka-87028	11.832					
Asuka-87029	5443.509	L4	23.1(22.0-27.6)	19.3(18.4-20.2)		En54.6Fs10.6Wo34.8
Asuka-87030	3.254					
Asuka-87031	15.207	Ure	(1.4-20.8)			En75.1Fs17.3Wo7.5
Asuka-87032	0.480					
Asuka-87033	0.258					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-87034	19064.472	L4	22.9(22.0-24.8)	19.3(18.3-20.9)		
Asuka-87035	85.94	L4	23.4(22.6-24.6)	19.5(18.4-21.5)		En68.9Fs15.4Wo15.7
Asuka-87036	0.867					
Asuka-87037	0.050					
Asuka-87038	1.867					
Asuka-87039	1.638					
Asuka-87040	1.870					
Asuka-87041	0.308					
Asuka-87042	0.445					
Asuka-87043	0.904					
Asuka-87044	0.683					
Asuka-87045	0.876					
Asuka-87046	0.239					
Asuka-87047	1.340					
Asuka-87048	2.551					
Asuka-87049	4.792					
Asuka-87050	0.448					
Asuka-87051	1.034					
Asuka-87052	1.136					
Asuka-87053	91.74					
Asuka-87054	35.596					
Asuka-87055	29.611	L6	24.3(22.6-32.3)	20.4(19.5-22.7)		maskl.
Asuka-87056	10.882					
Asuka-87057	1.194					
Asuka-87058	5.306					
Asuka-87059	0.887					
Asuka-87060	9.078					
Asuka-87061	0.047					
Asuka-87062	0.633					
Asuka-87063	9.636					
Asuka-87064	2.674					
Asuka-87065	9.147					
Asuka-87066	2.817					
Asuka-87067	0.106					
Asuka-87068	3.598					
Asuka-87069	7.926					
Asuka-87070	9.469					
Asuka-87071	5.848					
Asuka-87072	3.085					
Asuka-87073	8.372					
Asuka-87074	847.07					
Asuka-87075	71.87					
Asuka-87076	3.946					
Asuka-87077	53.246					
Asuka-87078	31.803					
Asuka-87079	22.946					
Asuka-87080	3.562					
Asuka-87081	9.030					
Asuka-87082	15.014					
Asuka-87083	8.355					
Asuka-87084	69.63					
Asuka-87085	7.824					
Asuka-87086	17.271					
Asuka-87087	24.087					
Asuka-87088	56.467	L6	24.6(23.6-25.4)	20.8(19.4-22.3)		maskl.
Asuka-87089	5.540					
Asuka-87090	13.567					
Asuka-87091	6.853					
Asuka-87092	13.901					
Asuka-87093	4.025					
Asuka-87094	6.762					
Asuka-87095	11.227					
Asuka-87096	5.430					
Asuka-87097	16.822					
Asuka-87098	10.751					
Asuka-87099	417.07					
Asuka-87100	18.689					
Asuka-87101	17.382					
Asuka-87102	8.995					
Asuka-87103	2.817					
Asuka-87104	86.71					
Asuka-87105	253.649	L5	24.2(23.3-25.5)	20.7(19.7-24.2)		En47.0Fs7.9Wo45.1, maskl.
Asuka-87106	35.192	Mes		(21.6-31.6)		Pl(An92.4Or0.2), En59.9-71.5Fs21.6-31.6Wo1.7-4.7
Asuka-87107	6.771					
Asuka-87108	311.57					
Asuka-87109	7.244					
Asuka-87110	76.73					
Asuka-87111	0.386					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-87112	74.90					
Asuka-87113	1.361	H6	18.8(17.7-19.5)	16.3(15.4-17.0)		Pl(An12.2Or5.5)
Asuka-87114	1.626					
Asuka-87115	32.308					
Asuka-87116	350.91					
Asuka-87117	0.222					
Asuka-87118	115.39					
Asuka-87119	39.191					
Asuka-87120	2.088					
Asuka-87121	8.604					
Asuka-87122	15.900	Dio(B)		(36.9-44.8)		Pl(An88.1-94.2Or0.1-0.5), En41.6-61.7Fs13.4-44.8Wo1.1-44.8
Asuka-87123	12.221					
Asuka-87124	61.50					
Asuka-87125	4.810					
Asuka-87126	7.375					
Asuka-87127	19.122					
Asuka-87128	909.55					
Asuka-87129	20.225					
Asuka-87130	19.310					
Asuka-87131	5.274					
Asuka-87132	4.945					
Asuka-87133	10.365					
Asuka-87134	2.456					
Asuka-87135	2.456					
Asuka-87136	156.82					
Asuka-87137	66.85					
Asuka-87138	98.26					
Asuka-87139	29.691					
Asuka-87140	1.667					
Asuka-87141	56.156					
Asuka-87142	27.989					
Asuka-87143	7.031					
Asuka-87144	29.461					
Asuka-87145	94.56					
Asuka-87146	118.72					
Asuka-87147	205.39					
Asuka-87148	229.74					
Asuka-87149	4.334					
Asuka-87150	119.32					
Asuka-87151	33.192					
Asuka-87152	28.989					
Asuka-87153	142.51					
Asuka-87154	115.39					
Asuka-87155	148.19					
Asuka-87156	71.76					
Asuka-87157	20.298					
Asuka-87158	42.656					
Asuka-87159	38.078					
Asuka-87160	35.577					
Asuka-87161	106.46					
Asuka-87162	37.890					
Asuka-87163	49.125					
Asuka-87164	58.593					
Asuka-87165	568.92					
Asuka-87166	262.40					
Asuka-87167	246.66					
Asuka-87168	29.439					
Asuka-87169	377.67					
Asuka-87170	98.42					
Asuka-87171	45.515					
Asuka-87172	50.221					
Asuka-87173	285.83					
Asuka-87174	43.570					
Asuka-87175	79.34					
Asuka-87176	93.75					
Asuka-87177	32.688					
Asuka-87178	241.93					
Asuka-87179	72.77					
Asuka-87180	133.04					
Asuka-87181	60.70					
Asuka-87182	11.160					
Asuka-87183	54.998					
Asuka-87184	13.842					
Asuka-87185	48.858					
Asuka-87186	29.672					
Asuka-87187	31.846					
Asuka-87188	30.005					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-87189	57.293					
Asuka-87190	35.243					
Asuka-87191	54.409					
Asuka-87192	67.44					
Asuka-87193	87.43					
Asuka-87194	26.255					
Asuka-87195	73.10					
Asuka-87196	168.06					
Asuka-87197	124.99					
Asuka-87198	34.355					
Asuka-87199	77.76					
Asuka-87200	449.09					
Asuka-87201	138.74					
Asuka-87202	54.845					
Asuka-87203	6.366					
Asuka-87204	27.725					
Asuka-87205	55.411					
Asuka-87206	33.898					
Asuka-87207	55.483					
Asuka-87208	37.653					
Asuka-87209	16.890					
Asuka-87210	43.157					
Asuka-87211	73.44					
Asuka-87212	29.453					
Asuka-87213	15.779					
Asuka-87214	139.20					
Asuka-87215	54.084					
Asuka-87216	65.93					
Asuka-87217	63.00					
Asuka-87218	18.118					
Asuka-87219	68.03					
Asuka-87220	162.89					
Asuka-87221	63.28					
Asuka-87222	224.45					
Asuka-87223	12.046					
Asuka-87224	97.09					
Asuka-87225	51.616					
Asuka-87226	134.19					
Asuka-87227	30.088					
Asuka-87228	3.482					
Asuka-87229	93.46					
Asuka-87230	9.356					
Asuka-87231	28.525					
Asuka-87232	451.34					
Asuka-87233	569.95					
Asuka-87234	151.90					
Asuka-87235	4.236					
Asuka-87236	6.912					
Asuka-87237	7.926					
Asuka-87238	4.808					
Asuka-87239	5.734					
Asuka-87240	29.682					
Asuka-87241	797.69					
Asuka-87242	618.53					
Asuka-87243	428.66					
Asuka-87244	115.03					
Asuka-87245	97.65					
Asuka-87246	288.38					
Asuka-87247	14.163					
Asuka-87248	0.604					
Asuka-87249	2.371					
Asuka-87250	181.20					
Asuka-87251	46000	LL5	30.3(27.4-32.9)	24.2(22.2-25.3)		
Asuka-87252	5.551					
Asuka-87253	6.029					
Asuka-87254	21.330					
Asuka-87255	20.533					
Asuka-87256	12.699					
Asuka-87257	28.271					
Asuka-87258	120.56					
Asuka-87259	17.907					
Asuka-87260	770.11					
Asuka-87261	20.168					
Asuka-87262	68.97					
Asuka-87263	147.58					
Asuka-87264	221.43					
Asuka-87265	18.242					
Asuka-87266	28.653					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-87267	8.068					
Asuka-87268	10.236					
Asuka-87269	3.533					
Asuka-87270	25.702					
Asuka-87271	16.441					
Asuka-87272	5706.0	Euc(mon)		(53.9-63.2)		Coarse-grained monomict breccia, Pl(An88.8-92.4Or0.1-0.7), En27.6-42.3FS25.0-63.2Wo1.6-46.9, SiO2
Asuka-87273	4.373					
Asuka-87274	244.45					
Asuka-87275	572.32					
Asuka-87276	missing					
Asuka-87277	250.02					
Asuka-87278	176.00					
Asuka-87279	88.22					
Asuka-87280	8.116					
Asuka-87281	34.681					
Asuka-87282	52.611					
Asuka-87283	123.35					
Asuka-87284	34.333					
Asuka-87285	7.524					
Asuka-87286	61.25					
Asuka-87287	47.098					
Asuka-87288	21.263					
Asuka-87289	46.786					
Asuka-87290	20.642					
Asuka-87291	154.59					
Asuka-87292	11.852					
Asuka-87293	5.569					
Asuka-87294	7.270					
Asuka-87295	4.479					
Asuka-87296	17.635					
Asuka-87297	3.862					
Asuka-87298	2.019					
Asuka-87299	14.785					
Asuka-87300	27.869					
Asuka-87301	9.055					
Asuka-87302	2.578					
Asuka-87303	9.232					
Asuka-87304	9.049					
Asuka-87305	7.260					
Asuka-87306	7.541					
Asuka-87307	59.371					
Asuka-87308	6060.0					
Asuka-87309	189.36					
Asuka-87310	13.600					
Asuka-87311	101.42					
Asuka-87312	509.58					
Asuka-87313	32.557					
Asuka-87314	8.446					
Asuka-87315	19.707					
Asuka-87316	24.977					
Asuka-87317	211.13					
Asuka-87318	172.20					
Asuka-87319	650.84					
Asuka-87320	381.64					
Asuka-87321	114.88					
Asuka-87322	65.38					
Asuka-87323	169.33					
Asuka-87324	24.584					
Asuka-87325	270.36					
Asuka-87326	150.84					
Asuka-87327	88.90					
Asuka-87328	544.26					
Asuka-87329	203.20					
Asuka-87330	467.39					
Asuka-87331	914.24					
Asuka-87332	483.25					
Asuka-87333	187.20					
Asuka-87334	637.91					
Asuka-87335	38.718					
Asuka-87336	386.80					
Asuka-87337	2642					
Asuka-87338	524.72					
Asuka-87339	1103.15					
Asuka-87340	127.46					
Asuka-87341	514.79					
Asuka-87342	417.49					
Asuka-87343	8.183					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-87344	22.179					
Asuka-87345	73.78					
Asuka-87346	132.11					
Asuka-87347	19.588					
Asuka-87348	3.007					
Asuka-87349	19.364					
Asuka-87350	1268.84					
Asuka-87351	5.901					
Asuka-87352	1.682					
<Asuka-88 Meteorites>						
Asuka-880001	4.390					
Asuka-880002	4.804					
Asuka-880003	6.813					
Asuka-880004	3.364					
Asuka-880005	3.829					
Asuka-880006	1.862					
Asuka-880007	3.254					
Asuka-880008	4.034					
Asuka-880009	3.913					
Asuka-880010	4.439					
Asuka-880011	1.692					
Asuka-880012	1.166					
Asuka-880013	2.766					
Asuka-880014	2.128					
Asuka-880015	1.978					
Asuka-880016	0.565					
Asuka-880017	4.767					
Asuka-880018	1.717					
Asuka-880019	8.360					
Asuka-880020	1.861					
Asuka-880021	0.746					
Asuka-880022	1.705					
Asuka-880023	2.685					
Asuka-880024	0.554					
Asuka-880025	0.333					
Asuka-880026	0.924					
Asuka-880027	0.151					
Asuka-880028	6.042					
Asuka-880029	2.631					
Asuka-880030	2.362					
Asuka-880031	3.695					
Asuka-880032	2.390					
Asuka-880033	3.148					
Asuka-880034	4.814					
Asuka-880035	1.976					
Asuka-880036	14.336					
Asuka-880037	6.304					
Asuka-880038	1.793					
Asuka-880039	2.310					
Asuka-880040	5.247					
Asuka-880041	0.652					
Asuka-880042	10.864					
Asuka-880043	2.301					
Asuka-880044	4.070					
Asuka-880045	2.204					
Asuka-880046	8.883					
Asuka-880047	2.224					
Asuka-880048	2.446					
Asuka-880049	1.335					
Asuka-880050	3.003					
Asuka-880051	0.539					
Asuka-880052	1.149					
Asuka-880053	2.179					
Asuka-880054	1.036					
Asuka-880055	11.292					
Asuka-880056	1.840					
Asuka-880057	2.007					
Asuka-880058	1.732					
Asuka-880059	2.212					
Asuka-880060	1.626					
Asuka-880061	3.032					
Asuka-880062	3.417					
Asuka-880063	6.798					
Asuka-880064	3.996					
Asuka-880065	4.603					
Asuka-880066	6.842					
Asuka-880067	61.40					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880068	37.984					
Asuka-880069	43.305					
Asuka-880070	100.55					
Asuka-880071	57.452					
Asuka-880072	25.666					
Asuka-880073	54.971	H5	18.7(18.1-20.1)	16.3(15.5-18.3)		
Asuka-880074	1.975					
Asuka-880075	9.838					
Asuka-880076	101.33					
Asuka-880077	32.343					
Asuka-880078	53.779					
Asuka-880079	17.335					
Asuka-880080	17.305	Ter				Terrestrial
Asuka-880081	4.515					
Asuka-880082	4.369					
Asuka-880083	27.411					
Asuka-880084	23.915					
Asuka-880085	4.959					
Asuka-880086	6.672					
Asuka-880087	13.766					
Asuka-880088	12.785					
Asuka-880089	18.062					
Asuka-880090	6.497					
Asuka-880091	39.361					
Asuka-880092	17.028					
Asuka-880093	4.071					
Asuka-880094	17.142					
Asuka-880095	7.670					
Asuka-880096	14.712					
Asuka-880097	7.154					
Asuka-880098	38.970					
Asuka-880099	12.539					
Asuka-880100	7.230					
Asuka-880101	5061					
Asuka-880102	5675.790	Ter				Terrestrial
Asuka-880103	1032.5					
Asuka-880104	332.49					
Asuka-880105	3.460					
Asuka-880106	2.300					
Asuka-880107	84.28					
Asuka-880108	58.230					
Asuka-880109	7.780					
Asuka-880110	448.71					
Asuka-880111	48.387					
Asuka-880112	46.919					
Asuka-880113	38.746					
Asuka-880114	25.885					
Asuka-880115	37.599					
Asuka-880116	3.034					
Asuka-880117	8.424					
Asuka-880118	9.173					
Asuka-880119	13.953					
Asuka-880120	4.807					
Asuka-880121	16.670					
Asuka-880122	132.19					
Asuka-880123	3.612					
Asuka-880124	3.150					
Asuka-880125	2.641					
Asuka-880126	4.804					
Asuka-880127	69.81					
Asuka-880128	168.33					
Asuka-880129	81.73					
Asuka-880130	17.001					
Asuka-880131	32.727					
Asuka-880132	77.67					
Asuka-880133	88.30					
Asuka-880134	48.017					
Asuka-880135	81.95					
Asuka-880136	12.616					
Asuka-880137	13.754					
Asuka-880138	19.234					
Asuka-880139	11.285					
Asuka-880140	6.723					
Asuka-880141	2.796					
Asuka-880142	4.450					
Asuka-880143	7.708					
Asuka-880144	5.033					
Asuka-880145	6.090					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880146	13.796					
Asuka-880147	6.764					
Asuka-880148	7.161					
Asuka-880149	18.964					
Asuka-880150	9.018					
Asuka-880151	28.003					
Asuka-880152	3.287					
Asuka-880153	28.294					
Asuka-880154	27.456					
Asuka-880155	4.675					
Asuka-880156	7.858					
Asuka-880157	5.705					
Asuka-880158	1.569					
Asuka-880159	4.916					
Asuka-880160	4.791					
Asuka-880161	33.853					
Asuka-880162	1.967					
Asuka-880163	1.951					
Asuka-880164	3.923					
Asuka-880165	3.646					
Asuka-880166	3.742					
Asuka-880167	48.872					
Asuka-880168	63.10					
Asuka-880169	9.716					
Asuka-880170	2.632					
Asuka-880171	6.161					
Asuka-880172	4.316					
Asuka-880173	8.955					
Asuka-880174	11.950					
Asuka-880175	6.934					
Asuka-880176	7.208					
Asuka-880177	2.459					
Asuka-880178	2.208					
Asuka-880179	6.639					
Asuka-880180	3.183					
Asuka-880181	25.936					
Asuka-880182	13.258					
Asuka-880183	9.797					
Asuka-880184	8.019					
Asuka-880185	4.257					
Asuka-880186	3.685					
Asuka-880187	17.318					
Asuka-880188	8.133					
Asuka-880189	475.58					
Asuka-880190	1130.34					
Asuka-880191	3.712					
Asuka-880192	2.579					
Asuka-880193	4.890					
Asuka-880194	3.228					
Asuka-880195	4.269					
Asuka-880196	3.301					
Asuka-880197	6687					
Asuka-880198	372.39					
Asuka-880199	254.97					
Asuka-880200	6.692					
Asuka-880201	14.077					
Asuka-880202	4.496					
Asuka-880203	1.824					
Asuka-880204	10.166					
Asuka-880205	4.590					
Asuka-880206	8.872					
Asuka-880207	19.074					
Asuka-880208	5.142					
Asuka-880209	10.840					
Asuka-880210	11.515					
Asuka-880211	9.379					
Asuka-880212	4.489					
Asuka-880213	0.564					
Asuka-880214	20.531					
Asuka-880215	4.187					
Asuka-880216	0.457					
Asuka-880217	3.305					
Asuka-880218	39.444					
Asuka-880219	23.256					
Asuka-880220	6.398					
Asuka-880221	2.663					
Asuka-880222	0.746					
Asuka-880223	2.014					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880224	0.929					
Asuka-880225	8.524					
Asuka-880226	2.547					
Asuka-880227	5.434					
Asuka-880228	missing					
Asuka-880229	5.479					
Asuka-880230	3.388					
Asuka-880231	0.888					
Asuka-880232	1.647					
Asuka-880233	18.662					
Asuka-880234	2.137					
Asuka-880235	2.281					
Asuka-880236	4.616					
Asuka-880237	5.290					
Asuka-880238	58.117					
Asuka-880239	0.685					
Asuka-880240	6.268					
Asuka-880241	21.618					
Asuka-880242	8.527					
Asuka-880243	3.230					
Asuka-880244	11.992					
Asuka-880245	4.118					
Asuka-880246	1.785					
Asuka-880247	5.945					
Asuka-880248	3.716					
Asuka-880249	5.718					
Asuka-880250	1.311					
Asuka-880251	3.628					
Asuka-880252	6.353					
Asuka-880253	3.025					
Asuka-880254	5.928					
Asuka-880255	1.666					
Asuka-880256	4.647					
Asuka-880257	3.176					
Asuka-880258	4.515					
Asuka-880259	0.761					
Asuka-880260	18.091					
Asuka-880261	3.964					
Asuka-880262	37.327					
Asuka-880263	0.784					
Asuka-880264	0.629					
Asuka-880265	0.616					
Asuka-880266	11.072					
Asuka-880267	7.573					
Asuka-880268	0.687					
Asuka-880269	1.409					
Asuka-880270	11.912					
Asuka-880271	3.912					
Asuka-880272	26.341					
Asuka-880273	27.071					
Asuka-880274	5.259					
Asuka-880275	6.130					
Asuka-880276	230.95					
Asuka-880277	335.52					
Asuka-880278	931.80					
Asuka-880279	144.89					
Asuka-880280	66.43					
Asuka-880281	8.774					
Asuka-880282	39.629					
Asuka-880283	5.470					
Asuka-880284	1.872					
Asuka-880285	35.705					
Asuka-880286	44.412					
Asuka-880287	20.776					
Asuka-880288	9.300					
Asuka-880289	12.314					
Asuka-880290	22.488					
Asuka-880291	7.388					
Asuka-880292	5.549					
Asuka-880293	6.178					
Asuka-880294	1.813					
Asuka-880295	14.112					
Asuka-880296	24.770					
Asuka-880297	83.56					
Asuka-880298	0.851					
Asuka-880299	13.671					
Asuka-880300	0.576					
Asuka-880301	5.044					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880302	3.326					
Asuka-880303	4.193					
Asuka-880304	0.386					
Asuka-880305	5.369					
Asuka-880306	0.950					
Asuka-880307	1.679					
Asuka-880308	0.916					
Asuka-880309	2.468					
Asuka-880310	0.634					
Asuka-880311	1.551					
Asuka-880312	1.253					
Asuka-880313	2.233					
Asuka-880314	2.727					
Asuka-880315	15.757					
Asuka-880316	5.578					
Asuka-880317	49.712					
Asuka-880318	32.532					
Asuka-880319	14.978					
Asuka-880320	4.302					
Asuka-880321	3.328					
Asuka-880322	2.316					
Asuka-880323	1.732					
Asuka-880324	15.632					
Asuka-880325	8.777					
Asuka-880326	211.01					
Asuka-880327	3.268					
Asuka-880328	5.270					
Asuka-880329	4.554					
Asuka-880330	2.129					
Asuka-880331	6.573					
Asuka-880332	17.994					
Asuka-880333	35.646					
Asuka-880334	0.730					
Asuka-880335	6.909					
Asuka-880336	6.239					
Asuka-880337	18.486					
Asuka-880338	11.909					
Asuka-880339	1.936					
Asuka-880340	8.703					
Asuka-880341	3.926					
Asuka-880342	4.387					
Asuka-880343	7.059					
Asuka-880344	5.373					
Asuka-880345	16.566					
Asuka-880346	25.121					
Asuka-880347	5.287					
Asuka-880348	4.701					
Asuka-880349	0.750					
Asuka-880350	6.867					
Asuka-880351	4.181					
Asuka-880352	1.043					
Asuka-880353	6.408					
Asuka-880354	9.510					
Asuka-880355	1.667					
Asuka-880356	10.622					
Asuka-880357	2.880					
Asuka-880358	7.648					
Asuka-880359	2.989					
Asuka-880360	8.247					
Asuka-880361	5.516					
Asuka-880362	2.598					
Asuka-880363	6.852					
Asuka-880364	10.320					
Asuka-880365	26.630					
Asuka-880366	0.750					
Asuka-880367	0.840					
Asuka-880368	3.474					
Asuka-880369	123.54					
Asuka-880370	3.957					
Asuka-880371	3.651					
Asuka-880372	3.245					
Asuka-880373	3.198					
Asuka-880374	2.791					
Asuka-880375	27.295					
Asuka-880376	34.140					
Asuka-880377	3.515					
Asuka-880378	3.390					
Asuka-880379	6.510					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880380	4.188					
Asuka-880381	1.934					
Asuka-880382	1.968					
Asuka-880383	6.690					
Asuka-880384	1.897					
Asuka-880385	4.533					
Asuka-880386	1.726					
Asuka-880387	4.920					
Asuka-880388	10.584					
Asuka-880389	9.568					
Asuka-880390	3.168					
Asuka-880391	5.764					
Asuka-880392	1.055					
Asuka-880393	5.043					
Asuka-880394	3.331					
Asuka-880395	1.083					
Asuka-880396	0.562					
Asuka-880397	0.529					
Asuka-880398	0.539					
Asuka-880399	1.479					
Asuka-880400	6.600					
Asuka-880401	30.108					
Asuka-880402	12.385					
Asuka-880403	8.937					
Asuka-880404	10.427					
Asuka-880405	9.407					
Asuka-880406	4.246					
Asuka-880407	6.348					
Asuka-880408	4.655					
Asuka-880409	1.576					
Asuka-880410	1.555					
Asuka-880411	27.471					
Asuka-880412	12.111					
Asuka-880413	11.427					
Asuka-880414	15.176					
Asuka-880415	10.560					
Asuka-880416	10.216					
Asuka-880417	6.978					
Asuka-880418	7.271					
Asuka-880419	10.315					
Asuka-880420	4.813					
Asuka-880421	7.485					
Asuka-880422	3.797					
Asuka-880423	2.764					
Asuka-880424	2.863					
Asuka-880425	2.466					
Asuka-880426	1.790					
Asuka-880427	2.322					
Asuka-880428	1.394					
Asuka-880429	2.113					
Asuka-880430	1.923					
Asuka-880431	1.416					
Asuka-880432	1.663					
Asuka-880433	1.351					
Asuka-880434	1.256					
Asuka-880435	1.384					
Asuka-880436	1.060					
Asuka-880437	1.538					
Asuka-880438	1.013					
Asuka-880439	1.692					
Asuka-880440	1.062					
Asuka-880441	1.013					
Asuka-880442	0.929					
Asuka-880443	0.322					
Asuka-880444	19.563					
Asuka-880445	11.877					
Asuka-880446	9.172					
Asuka-880447	5.299					
Asuka-880448	2.978					
Asuka-880449	3.535					
Asuka-880450	2.300					
Asuka-880451	1.782					
Asuka-880452	1.661					
Asuka-880453	3.511					
Asuka-880454	3.904					
Asuka-880455	3.718					
Asuka-880456	4.441					
Asuka-880457	2.644					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880458	2.676					
Asuka-880459	2.163					
Asuka-880460	2.453					
Asuka-880461	1.981					
Asuka-880462	2.238					
Asuka-880463	1.936					
Asuka-880464	3.389					
Asuka-880465	3.221					
Asuka-880466	1.832					
Asuka-880467	2.548					
Asuka-880468	1.519					
Asuka-880469	1.459					
Asuka-880470	1.317					
Asuka-880471	1.595					
Asuka-880472	1.271					
Asuka-880473	1.179					
Asuka-880474	1.580					
Asuka-880475	2.216					
Asuka-880476	1.664					
Asuka-880477	1.666					
Asuka-880478	2.027					
Asuka-880479	1.202					
Asuka-880480	1.383					
Asuka-880481	1.527					
Asuka-880482	1.224					
Asuka-880483	2.588					
Asuka-880484	5.154					
Asuka-880485	2.470					
Asuka-880486	3.913					
Asuka-880487	2.161					
Asuka-880488	4.062					
Asuka-880489	2.098					
Asuka-880490	2.014					
Asuka-880491	1.999					
Asuka-880492	2.378					
Asuka-880493	2.130					
Asuka-880494	1.313					
Asuka-880495	1.342					
Asuka-880496	1.853					
Asuka-880497	1.430					
Asuka-880498	1.775					
Asuka-880499	1.486					
Asuka-880500	1.720					
Asuka-880501	1.550					
Asuka-880502	1.067					
Asuka-880503	1.146					
Asuka-880504	1.333					
Asuka-880505	1.673					
Asuka-880506	1.305					
Asuka-880507	1.299					
Asuka-880508	1.156					
Asuka-880509	1.498					
Asuka-880510	1.264					
Asuka-880511	0.844					
Asuka-880512	0.901					
Asuka-880513	1.316					
Asuka-880514	0.828					
Asuka-880515	1.067					
Asuka-880516	1.082					
Asuka-880517	0.828					
Asuka-880518	0.488					
Asuka-880519	0.797					
Asuka-880520	0.749					
Asuka-880521	6.999					
Asuka-880522	4.824					
Asuka-880523	4.184					
Asuka-880524	2.062					
Asuka-880525	2.642					
Asuka-880526	2.367					
Asuka-880527	2.039					
Asuka-880528	1.470					
Asuka-880529	1.766					
Asuka-880530	0.976					
Asuka-880531	2.066					
Asuka-880532	1.270					
Asuka-880533	1.279					
Asuka-880534	0.850					
Asuka-880535	0.783					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880536	1.362					
Asuka-880537	0.853					
Asuka-880538	0.921					
Asuka-880539	1.030					
Asuka-880540	0.913					
Asuka-880541	0.637					
Asuka-880542	0.768					
Asuka-880543	0.850					
Asuka-880544	1.361					
Asuka-880545	0.854					
Asuka-880546	1.038					
Asuka-880547	0.492					
Asuka-880548	0.837					
Asuka-880549	1.011					
Asuka-880550	0.897					
Asuka-880551	0.895					
Asuka-880552	0.710					
Asuka-880553	0.563					
Asuka-880554	0.703					
Asuka-880555	0.675					
Asuka-880556	0.904					
Asuka-880557	0.910					
Asuka-880558	0.558					
Asuka-880559	0.602					
Asuka-880560	0.690					
Asuka-880561	0.480					
Asuka-880562	0.649					
Asuka-880563	0.757					
Asuka-880564	0.599					
Asuka-880565	0.446					
Asuka-880566	0.712					
Asuka-880567	0.751					
Asuka-880568	0.722					
Asuka-880569	0.645					
Asuka-880570	0.468					
Asuka-880571	2.726					
Asuka-880572	2.299					
Asuka-880573	14.619					
Asuka-880574	13.447					
Asuka-880575	51.122					
Asuka-880576	0.886					
Asuka-880577	1.040					
Asuka-880578	4.132					
Asuka-880579	2.503					
Asuka-880580	2.224					
Asuka-880581	2.238					
Asuka-880582	0.955					
Asuka-880583	0.950					
Asuka-880584	1.118					
Asuka-880585	0.757					
Asuka-880586	0.687					
Asuka-880587	1.979					
Asuka-880588	1.035					
Asuka-880589	1.166					
Asuka-880590	0.609					
Asuka-880591	0.736					
Asuka-880592	0.582					
Asuka-880593	0.732					
Asuka-880594	3.018					
Asuka-880595	5.230					
Asuka-880596	1.602					
Asuka-880597	0.717					
Asuka-880598	2.459					
Asuka-880599	3.041					
Asuka-880600	2.451					
Asuka-880601	28.707					
Asuka-880602	91.36					
Asuka-880603	5.163					
Asuka-880604	24.191					
Asuka-880605	79.2					
Asuka-880606	19.145					
Asuka-880607	6.845					
Asuka-880608	3.619					
Asuka-880609	62.11					
Asuka-880610	2.207					
Asuka-880611	1846.36					
Asuka-880612	8.776					
Asuka-880613	190.86					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880614	11.936					
Asuka-880615	496.51					
Asuka-880616	74.39					
Asuka-880617	35.477					
Asuka-880618	16.072					
Asuka-880619	2.409					
Asuka-880620	99.57					
Asuka-880621	48.625					
Asuka-880622	59.481					
Asuka-880623	12.659					
Asuka-880624	91.68					
Asuka-880625	47.262					
Asuka-880626	23.584					
Asuka-880627	30.602					
Asuka-880628	10.629					
Asuka-880629	2.7					
Asuka-880630	11.723					
Asuka-880631	6.279					
Asuka-880632	16.612					
Asuka-880633	553.61					
Asuka-880634	41.249					
Asuka-880635	14.742					
Asuka-880636	149.15					
Asuka-880637	107.84					
Asuka-880638	99.31					
Asuka-880639	88.68					
Asuka-880640	7.183	L6	24.0(22.8-25.4)	20.1(19.4-21.4)		Pl(An10.1Or5.4), En46.7Fs7.1Wo46.2
Asuka-880641	154.23					
Asuka-880642	36.492					
Asuka-880643	1.703					
Asuka-880644	99.38					
Asuka-880645	40.102					
Asuka-880646	0.985					
Asuka-880647	53.137					
Asuka-880648	41.012					
Asuka-880649	65.98					
Asuka-880650	1.723					
Asuka-880651	2.499					
Asuka-880652	29.352					
Asuka-880653	16.796					
Asuka-880654	21.161					
Asuka-880655	30.205					
Asuka-880656	133.17					
Asuka-880657	5.76					
Asuka-880658	34.567					
Asuka-880659	83.42					
Asuka-880660	11.5					
Asuka-880661	128.91					
Asuka-880662	27.642					
Asuka-880663	20.35					
Asuka-880664	18.963					
Asuka-880665	33.777					
Asuka-880666	17.84					
Asuka-880667	38.324					
Asuka-880668	14.102					
Asuka-880669	20.42					
Asuka-880670	7.017					
Asuka-880671	20.351					
Asuka-880672	19.928					
Asuka-880673	18.003					
Asuka-880674	18.904					
Asuka-880675	385.28					
Asuka-880676	112.96					
Asuka-880677	2.955					
Asuka-880678	2.870					
Asuka-880679	38.776					
Asuka-880680	7.440					
Asuka-880681	8.667					
Asuka-880682	7.705					
Asuka-880683	3.215					
Asuka-880684	60.26					
Asuka-880685	42.372					
Asuka-880686	22.501					
Asuka-880687	2.301					
Asuka-880688	19.558					
Asuka-880689	7.087					
Asuka-880690	6.926					
Asuka-880691	28.772					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880692	2.025					
Asuka-880693	36.633					
Asuka-880694	10.367					
Asuka-880695	138.69					
Asuka-880696	5.852					
Asuka-880697	3.566					
Asuka-880698	12.961					
Asuka-880699	6.315					
Asuka-880700	327.50					
Asuka-880701	44.307					
Asuka-880702	10.516					
Asuka-880703	11.877					
Asuka-880704	51.641					
Asuka-880705	12.204					
Asuka-880706	9.508					
Asuka-880707	9.317					
Asuka-880708	33.201					
Asuka-880709	15.220					
Asuka-880710	14.668					
Asuka-880711	59.580					
Asuka-880712	111.85					
Asuka-880713	16.242					
Asuka-880714	10.538					
Asuka-880715	1909.25					
Asuka-880716	15.336					
Asuka-880717	41.415					
Asuka-880718	30.183					
Asuka-880719	8.450					
Asuka-880720	44.292					
Asuka-880721	113.20					
Asuka-880722	4.362					
Asuka-880723	16.579					
Asuka-880724	78.24					
Asuka-880725	48.721					
Asuka-880726	5.086					
Asuka-880727	11.057					
Asuka-880728	13.010					
Asuka-880729	239.61					
Asuka-880730	24.092					
Asuka-880731	10.068					
Asuka-880732	13.896					
Asuka-880733	16.729					
Asuka-880734	44.193					
Asuka-880735	442.46					
Asuka-880736	16.850					
Asuka-880737	47.148					
Asuka-880738	40.750					
Asuka-880739	7.894					
Asuka-880740	22.101					
Asuka-880741	29.838					
Asuka-880742	37.140					
Asuka-880743	37.262					
Asuka-880744	154.38					
Asuka-880745	74.10					
Asuka-880746	239.71					
Asuka-880747	246.41					
Asuka-880748	23.494					
Asuka-880749	16.658					
Asuka-880750	4.863					
Asuka-880751	3.998					
Asuka-880752	72.01					
Asuka-880753	36.291					
Asuka-880754	10.356	H	18.0(14.8-20.6)	15.9(14.3-17.8)		En50.0Fs5.7Wo44.2, H clast:Fa18.3(17.3-21.7), Fs16.0(15.3-16.9)
Asuka-880755	11.903					
Asuka-880756	62.37					
Asuka-880757	90.28					
Asuka-880758	80.85					
Asuka-880759	69.42					
Asuka-880760	68.42					
Asuka-880761	65.44					
Asuka-880762	155.30					
Asuka-880763	54.734					
Asuka-880764	38.365					
Asuka-880765	60.09					
Asuka-880766	25.244					
Asuka-880767	44.014					
Asuka-880768	44.625					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880769	47.667					
Asuka-880770	1166.03					
Asuka-880771	35.317					
Asuka-880772	69.57					
Asuka-880773	55.161					
Asuka-880774	12.212					
Asuka-880775	30.764					
Asuka-880776	153.78	H4	17.5(8.8-25.3)	15.5(10.4-19.6)		En74.2Fs11.7Wo14.7, metr.
Asuka-880777	105.15					
Asuka-880778	53.408					
Asuka-880779	92.48					
Asuka-880780	85.55					
Asuka-880781	81.85					
Asuka-880782	58.28					
Asuka-880783	1440.13					
Asuka-880784	44.225					
Asuka-880785	52.728	Dio		(23.4-26.3)		
Asuka-880786	47.051					
Asuka-880787	3.275					
Asuka-880788	220.13					
Asuka-880789	61.55					
Asuka-880790	40.608					
Asuka-880791	27.027					
Asuka-880792	28.751					
Asuka-880793	67.01					
Asuka-880794	27.979					
Asuka-880795	27.916					
Asuka-880796	43.146					
Asuka-880797	43.290					
Asuka-880798	25.591					
Asuka-880799	21.854					
Asuka-880800	51.529					
Asuka-880801	13.470					
Asuka-880802	51.976					
Asuka-880803	28.186					
Asuka-880804	34.548					
Asuka-880805	48.571					
Asuka-880806	48.314					
Asuka-880807	52.713					
Asuka-880808	121.66					
Asuka-880809	54.104					
Asuka-880810	40.387					
Asuka-880811	36.746					
Asuka-880812	16.935					
Asuka-880813	34.718					
Asuka-880814	79.34					
Asuka-880815	40.425					
Asuka-880816	118.34					
Asuka-880817	36.594					
Asuka-880818	37.565					
Asuka-880819	18.522					
Asuka-880820	19.550					
Asuka-880821	12.574					
Asuka-880822	35.797					
Asuka-880823	14.731					
Asuka-880824	6.537					
Asuka-880825	49.896					
Asuka-880826	294.85					
Asuka-880827	17.624					
Asuka-880828	27.292					
Asuka-880829	126.69					
Asuka-880830	37.563					
Asuka-880831	83.18					
Asuka-880832	279.34					
Asuka-880833	29.315					
Asuka-880834	21.316					
Asuka-880835	58.481					
Asuka-880836	53.121					
Asuka-880837	19.809					
Asuka-880838	124.34					
Asuka-880839	131.60					
Asuka-880840	60.92					
Asuka-880841	86.63					
Asuka-880842	27.493					
Asuka-880843	15.995					
Asuka-880844	48.530					
Asuka-880845	44.710					
Asuka-880846	33.617					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880847	19.507					
Asuka-880848	74.41					
Asuka-880849	31.972					
Asuka-880850	56.749					
Asuka-880851	40.904					
Asuka-880852	140.65					
Asuka-880853	133.84					
Asuka-880854	81.74					
Asuka-880855	118.61					
Asuka-880856	389.21					
Asuka-880857	90.72					
Asuka-880858	40.772					
Asuka-880859	29.247					
Asuka-880860	20.549					
Asuka-880861	6.903					
Asuka-880862	35.913					
Asuka-880863	19.304					
Asuka-880864	56.645					
Asuka-880865	25.411					
Asuka-880866	24.837					
Asuka-880867	38.604					
Asuka-880868	3.340					
Asuka-880869	114.34					
Asuka-880870	71.69					
Asuka-880871	52.275					
Asuka-880872	9.994					
Asuka-880873	10.606					
Asuka-880874	35.836					
Asuka-880875	96.70					
Asuka-880876	17.739					
Asuka-880877	40.235					
Asuka-880878	30.821					
Asuka-880879	10.239					
Asuka-880880	109.62					
Asuka-880881	21.593					
Asuka-880882	58.26					
Asuka-880883	19.442					
Asuka-880884	53.003					
Asuka-880885	83.89					
Asuka-880886	47.342					
Asuka-880887	44.111					
Asuka-880888	20.467					
Asuka-880889	27.974					
Asuka-880890	28.123					
Asuka-880891	10.867					
Asuka-880892	36.888					
Asuka-880893	18.098					
Asuka-880894	32.422					
Asuka-880895	6.693					
Asuka-880896	52.115					
Asuka-880897	3.150					
Asuka-880898	2.536					
Asuka-880899	2.516					
Asuka-880900	22.003					
Asuka-880901	12.140					
Asuka-880902	1.842					
Asuka-880903	13.235					
Asuka-880904	7.797					
Asuka-880905	41.196					
Asuka-880906	21.073					
Asuka-880907	49.731					
Asuka-880908	50.461					
Asuka-880909	20.012					
Asuka-880910	9.050					
Asuka-880911	36.247					
Asuka-880912	1.784					
Asuka-880913	57.715					
Asuka-880914	23.527					
Asuka-880915	1.984					
Asuka-880916	15.874					
Asuka-880917	58.905					
Asuka-880918	294.90					
Asuka-880919	39.779					
Asuka-880920	19.193					
Asuka-880921	40.628					
Asuka-880922	7.415					
Asuka-880923	20.577					
Asuka-880924	140.16					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-880925	56.071					
Asuka-880926	82.47					
Asuka-880927	0.591					
Asuka-880928	8.743					
Asuka-880929	8.754					
Asuka-880930	52.205					
Asuka-880931	18.437					
Asuka-880932	12.107					
Asuka-880933	35.052					
Asuka-880934	44.826					
Asuka-880935	27.783					
Asuka-880936	39.458					
Asuka-880937	0.631					
Asuka-880938	388.82					
Asuka-880939	23.914					
Asuka-880940	31.930					
Asuka-880941	37.822					
Asuka-880942	9.921					
Asuka-880943	20.996					
Asuka-880944	30.773					
Asuka-880945	21.832					
Asuka-880946	15.876					
Asuka-880947	25.300					
Asuka-880948	73.56					
Asuka-880949	15.636					
Asuka-880950	6.372					
Asuka-880951	52.858					
Asuka-880952	8.910					
Asuka-880953	32.357					
Asuka-880954	23.307					
Asuka-880955	4.207					
Asuka-880956	97.80					
Asuka-880957	36.954					
Asuka-880958	3.177					
Asuka-880959	16.718					
Asuka-880960	21.857					
Asuka-880961	71.89					
Asuka-880962	39.465					
Asuka-880963	8.636					
Asuka-880964	6.270					
Asuka-880965	4.998					
Asuka-880966	35.102					
Asuka-880967	15.216					
Asuka-880968	65.09					
Asuka-880969	16.619					
Asuka-880970	16.690					
Asuka-880971	21.442	L5	25.7(24.7-27.3)	20.2(7.3-22.0)		shocked
Asuka-880972	10.834					
Asuka-880973	19.841					
Asuka-880974	14.725					
Asuka-880975	387.33					
Asuka-880976	1529.58					
Asuka-880977	247.02					
Asuka-880978	34.378					
Asuka-880979	48.822					
Asuka-880980	678.49					
Asuka-880981	31.619					
Asuka-880982	25.710					
Asuka-880983	77.92					
Asuka-880984	47.492					
Asuka-880985	26.992					
Asuka-880986	70.98					
Asuka-880987	100.52	H6	18.7(7.3-21.6)	17.2(15.0-21.1)		
Asuka-880988	30.682					
Asuka-880989	24.129					
Asuka-880990	59.028					
Asuka-880991	3569					
Asuka-880992	68.31					
Asuka-880993	52.121	H6	20.4(18.4-23.3)	17.3(16.1-19.6)		shocked, Pl(An22.3Or1.5)
Asuka-880994	63.52					
Asuka-880995	176.84					
Asuka-880996	227.81					
Asuka-880997	201.02					
Asuka-880998	72.04					
Asuka-880999	1591.18					
Asuka-881000	848.86					
Asuka-881001	54.239	LL6	27.9(27.0-29.4)	22.7(21.0-24.5)		Pl(An9.7Or4.6)
Asuka-881002	226.98					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881003	109.46					
Asuka-881004	30.248					
Asuka-881005	71.54					
Asuka-881006	461.09					
Asuka-881007	117.49					
Asuka-881008	64.69					
Asuka-881009	112.67					
Asuka-881010	270.52					
Asuka-881011	242.58					
Asuka-881012	95.17					
Asuka-881013	166.80					
Asuka-881014	172.76					
Asuka-881015	627.72					
Asuka-881016	54.413					
Asuka-881017	825.36					
Asuka-881018	331.09					
Asuka-881019	40.207					
Asuka-881020	52.115					
Asuka-881021	224.72					
Asuka-881022	55.680					
Asuka-881023	201.32					
Asuka-881024	13.814					
Asuka-881025	70.55					
Asuka-881026	112.90					
Asuka-881027	19.915					
Asuka-881028	68.81					
Asuka-881029	8.560					
Asuka-881030	11.957					
Asuka-881031	49.255					
Asuka-881032	14.623					
Asuka-881033	155.59					
Asuka-881034	45.661					
Asuka-881035	22.033					
Asuka-881036	732.82					
Asuka-881037	437.54					
Asuka-881038	89.00					
Asuka-881039	138.75					
Asuka-881040	45.350					
Asuka-881041	57.738					
Asuka-881042	227.94					
Asuka-881043	390.47					
Asuka-881044	379.08					
Asuka-881045	99.60					
Asuka-881046	91.38					
Asuka-881047	38.701					
Asuka-881048	2726					
Asuka-881049	21.792					
Asuka-881050	18.549					
Asuka-881051	54.807					
Asuka-881052	130.07					
Asuka-881053	45.067					
Asuka-881054	65.84					
Asuka-881055	74.57					
Asuka-881056	985.16					
Asuka-881057	182.01					
Asuka-881058	393.47					
Asuka-881059	962.50					
Asuka-881060	3089					
Asuka-881061	1244.18					
Asuka-881062	91.49					
Asuka-881063	78.86					
Asuka-881064	53.292					
Asuka-881065	41.743					
Asuka-881066	144.68					
Asuka-881067	627.34					
Asuka-881068	23.847					
Asuka-881069	32.754					
Asuka-881070	57.960					
Asuka-881071	52.076					
Asuka-881072	87.38					
Asuka-881073	3437					
Asuka-881074	111.53					
Asuka-881075	1015.56					
Asuka-881076	107.71					
Asuka-881077	136.44					
Asuka-881078	58.953					
Asuka-881079	44.346					
Asuka-881080	229.36					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881081	53.492					
Asuka-881082	24.216					
Asuka-881083	176.27					
Asuka-881084	76.44					
Asuka-881085	82.45					
Asuka-881086	23.999					
Asuka-881087	269.10					
Asuka-881088	97.07					
Asuka-881089	9.904					
Asuka-881090	142.79					
Asuka-881091	1049.54					
Asuka-881092	4188					
Asuka-881093	26.327					
Asuka-881094	1767.21					
Asuka-881095	64.82					
Asuka-881096	285.52					
Asuka-881097	97.64					
Asuka-881098	54.210					
Asuka-881099	98.35					
Asuka-881100	52.011					
Asuka-881101	204.18					
Asuka-881102	7.253					
Asuka-881103	181.88					
Asuka-881104	82.59					
Asuka-881105	89.59					
Asuka-881106	22.585					
Asuka-881107	83.47					
Asuka-881108	58.726					
Asuka-881109	47.254					
Asuka-881110	43.505					
Asuka-881111	296.28					
Asuka-881112	60.63					
Asuka-881113	23.725					
Asuka-881114	37.901					
Asuka-881115	53.084					
Asuka-881116	62.18					
Asuka-881117	37.508					
Asuka-881118	32.161					
Asuka-881119	56.911					
Asuka-881120	326.76					
Asuka-881121	49.529					
Asuka-881122	25.568					
Asuka-881123	30.231					
Asuka-881124	1136.80					
Asuka-881125	403.02					
Asuka-881126	140.14					
Asuka-881127	161.93					
Asuka-881128	75.04					
Asuka-881129	58.557					
Asuka-881130	44.694					
Asuka-881131	374.20					
Asuka-881132	89.94					
Asuka-881133	129.14					
Asuka-881134	24.398					
Asuka-881135	123.90					
Asuka-881136	19.046					
Asuka-881137	43.596					
Asuka-881138	9.569					
Asuka-881139	403.91					
Asuka-881140	229.85					
Asuka-881141	25.024					
Asuka-881142	373.53					
Asuka-881143	181.78					
Asuka-881144	306.21					
Asuka-881145	340.31					
Asuka-881146	1989.35					
Asuka-881147	32.058					
Asuka-881148	72.26					
Asuka-881149	9.748					
Asuka-881150	225.27					
Asuka-881151	204.42					
Asuka-881152	missing					
Asuka-881153	86.70					
Asuka-881154	688.13					
Asuka-881155	74.10					
Asuka-881156	63.46					
Asuka-881157	387.61					
Asuka-881158	45.187					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881159	23.631					
Asuka-881160	107.16					
Asuka-881161	19.522					
Asuka-881162	69.40					
Asuka-881163	111.77					
Asuka-881164	6278					
Asuka-881165	59.980					
Asuka-881166	340.69					
Asuka-881167	243.55					
Asuka-881168	7.263					
Asuka-881169	24.926					
Asuka-881170	26.418					
Asuka-881171	68.16					
Asuka-881172	88.93					
Asuka-881173	20.513					
Asuka-881174	64.69					
Asuka-881175	64.84					
Asuka-881176	32.436					
Asuka-881177	252.05					
Asuka-881178	84.87					
Asuka-881179	102.21					
Asuka-881180	73.33					
Asuka-881181	198.30					
Asuka-881182	16.215					
Asuka-881183	114.03					
Asuka-881184	2.702					
Asuka-881185	362.20					
Asuka-881186	29.232					
Asuka-881187	49.304					
Asuka-881188	9.688					
Asuka-881189	63.97					
Asuka-881190	193.35					
Asuka-881191	92.81					
Asuka-881192	83.34					
Asuka-881193	15.053					
Asuka-881194	181.64					
Asuka-881195	7.713					
Asuka-881196	29.011					
Asuka-881197	6.646					
Asuka-881198	11.668					
Asuka-881199	604.31					
Asuka-881200	127.17					
Asuka-881201	15.253					
Asuka-881202	46.940					
Asuka-881203	15.781					
Asuka-881204	587.06					
Asuka-881205	31.093					
Asuka-881206	793.12					
Asuka-881207	20.083					
Asuka-881208	344.69					
Asuka-881209	152.34					
Asuka-881210	40.167					
Asuka-881211	14.220					
Asuka-881212	97.50					
Asuka-881213	146.28					
Asuka-881214	111.24					
Asuka-881215	233.84					
Asuka-881216	119.32					
Asuka-881217	311.00					
Asuka-881218	28.008					
Asuka-881219	83.29					
Asuka-881220	48.978					
Asuka-881221	23.539					
Asuka-881222	121.55					
Asuka-881223	379.74					
Asuka-881224	34.122					
Asuka-881225	452.33					
Asuka-881226	88.49					
Asuka-881227	91.54					
Asuka-881228	67.98					
Asuka-881229	1321.22					
Asuka-881230	526.24					
Asuka-881231	44.826					
Asuka-881232	24.667					
Asuka-881233	233.16					
Asuka-881234	9.422					
Asuka-881235	47.242					
Asuka-881236	198.93					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	Comments
Asuka-881237	102.79				
Asuka-881238	22.021				
Asuka-881239	42.352				
Asuka-881240	49.111				
Asuka-881241	403.41				
Asuka-881242	15.169				
Asuka-881243	124.18				
Asuka-881244	164.11				
Asuka-881245	217.62				
Asuka-881246	57.070				
Asuka-881247	22.502				
Asuka-881248	70.21				
Asuka-881249	582.25				
Asuka-881250	128.03				
Asuka-881251	19.218				
Asuka-881252	9.466				
Asuka-881253	71.05				
Asuka-881254	23.910				
Asuka-881255	21.693				
Asuka-881256	46.770				
Asuka-881257	74.74				
Asuka-881258	274.09				
Asuka-881259	79.16				
Asuka-881260	49.685				
Asuka-881261	62.94				
Asuka-881262	88.13				
Asuka-881263	133.48				
Asuka-881264	17.931				
Asuka-881265	712.03				
Asuka-881266	156.38				
Asuka-881267	60.49				
Asuka-881268	105.30				
Asuka-881269	84.13				
Asuka-881270	97.35				
Asuka-881271	53.975				
Asuka-881272	4.232				
Asuka-881273	87.27				
Asuka-881274	107.41				
Asuka-881275	140.11				
Asuka-881276	31.845				
Asuka-881277	129.57				
Asuka-881278	26.962				
Asuka-881279	38.305				
Asuka-881280	48.47	CM2	4.2(0.3-32.6)		
Asuka-881281	27.201				
Asuka-881282	215.96				
Asuka-881283	161.56				
Asuka-881284	3.663				
Asuka-881285	96.91				
Asuka-881286	39.063				
Asuka-881287	48.926				
Asuka-881288	60.98				
Asuka-881289	131.53				
Asuka-881290	0.290				
Asuka-881291	20.682				
Asuka-881292	67.53				
Asuka-881293	92.91				
Asuka-881294	30.726				
Asuka-881295	11.191				
Asuka-881296	15.080				
Asuka-881297	22.803				
Asuka-881298	123.21				
Asuka-881299	30.850				
Asuka-881300	46.291				
Asuka-881301	8.131				
Asuka-881302	4.843				
Asuka-881303	23.125				
Asuka-881304	12.423				
Asuka-881305	72.78				
Asuka-881306	67.96				
Asuka-881307	1.988				
Asuka-881308	6.084				
Asuka-881309	14.627				
Asuka-881310	28.377				
Asuka-881311	51.162				
Asuka-881312	1.332				
Asuka-881313	19.262				
Asuka-881314	24.235				

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881315	13.406					
Asuka-881316	2.675					
Asuka-881317	57.297					
Asuka-881318	82.71					
Asuka-881319	2.856					
Asuka-881320	20.156					
Asuka-881321	2.274					
Asuka-881322	1.381					
Asuka-881323	30.629					
Asuka-881324	179.65					
Asuka-881325	0.937					
Asuka-881326	20.335					
Asuka-881327	31.153					
Asuka-881328	13.094					
Asuka-881329	39.259					
Asuka-881330	14.996					
Asuka-881331	32.854					
Asuka-881332	134.72					
Asuka-881333	7.643					
Asuka-881334	34.051	CM2	4.8(0.2-32.1)	1.7(0.6-6.3)		
Asuka-881335	7.874					
Asuka-881336	4.647					
Asuka-881337	62.09					
Asuka-881338	11.339					
Asuka-881339	21.250					
Asuka-881340	14.911					
Asuka-881341	32.388					
Asuka-881342	58.46					
Asuka-881343	2.459					
Asuka-881344	18.322					
Asuka-881345	17.138					
Asuka-881346	173.32					
Asuka-881347	9.449					
Asuka-881348	68.33					
Asuka-881349	2.641					
Asuka-881350	52.225					
Asuka-881351	7.624					
Asuka-881352	18.729					
Asuka-881353	4.220					
Asuka-881354	726.09					
Asuka-881355	122.76					
Asuka-881356	1403.55					
Asuka-881357	59.117					
Asuka-881358	42.270					
Asuka-881359	14.936					
Asuka-881360	66.48	H5	18.2(17.3-18.9)	15.4(14.5-16.0)		shocked
Asuka-881361	50.675					
Asuka-881362	8.671					
Asuka-881363	105.42					
Asuka-881364	3.601					
Asuka-881365	277.04					
Asuka-881366	13.333					
Asuka-881367	17.513					
Asuka-881368	4.837					
Asuka-881369	0.725					
Asuka-881370	0.904	Dio				
Asuka-881371	11.27	Ang	(10.5-95.2)			crystalline(basaltic), Pl(An99.5Or0.1), En0.0-28.7Fs18.0-50.2Wo48.1-54.7
Asuka-881372	102.09					
Asuka-881373	135.19					
Asuka-881374	44.954					
Asuka-881375	173.54					
Asuka-881376	429.67					
Asuka-881377	214.90	Dio		(26-28)		monomict breccia, En74Fs23Wo3
Asuka-881378	17.614					
Asuka-881379	33.688					
Asuka-881380	1202.08					
Asuka-881381	477.91					
Asuka-881382	22.055					
Asuka-881383	212.35					
Asuka-881384	7.538					
Asuka-881385	313.86					
Asuka-881386	21.577					
Asuka-881387	24.374					
Asuka-881388	16.92	Euc		(58.3-61.7)		fine-grained crystalline(unbrecciated), Pl(An86.7-89.9 Or0.1-0.7), En29.0-37.4Fs28.2-61.7Wo3.3-42.0
Asuka-881389	47.331					
Asuka-881390	456.13					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881391	30.469					
Asuka-881392	51.499					
Asuka-881393	4.677					
Asuka-881394	70.92	Euc(cum)		(42.0-44.3)		coarse-grained crystalline(unbrecciated), Pl(An97.4-98.9 Or0.0-0.2), En38.8-56.0Fs18.3-44.3Wo6.7-42.7, SiO2
Asuka-881395	2140.93					
Asuka-881396	141.38					
Asuka-881397	38.503					
Asuka-881398	95.49					
Asuka-881399	18.311					
Asuka-881400	698.02					
Asuka-881401	10.387					
Asuka-881402	74.11					
Asuka-881403	12.690					
Asuka-881404	330.11					
Asuka-881405	88.17					
Asuka-881406	16.495					
Asuka-881407	307.28					
Asuka-881408	24.861					
Asuka-881409	25.311					
Asuka-881410	12.358					
Asuka-881411	56.930					
Asuka-881412	43.650					
Asuka-881413	16.463					
Asuka-881414	50.174					
Asuka-881415	63.19					
Asuka-881416	48.692					
Asuka-881417	3.071					
Asuka-881418	26.501					
Asuka-881419	43.256					
Asuka-881420	29.363					
Asuka-881421	401.70					
Asuka-881422	2.987					
Asuka-881423	7.812					
Asuka-881424	17.712					
Asuka-881425	13.371					
Asuka-881426	297.75					
Asuka-881427	32.240					
Asuka-881428	465.85					
Asuka-881429	167.35					
Asuka-881430	9.283					
Asuka-881431	5.830					
Asuka-881432	22.824					
Asuka-881433	13.015					
Asuka-881434	4.142					
Asuka-881435	3.059					
Asuka-881436	149.86					
Asuka-881437	138.36					
Asuka-881438	8.132					
Asuka-881439	14.610					
Asuka-881440	67.59					
Asuka-881441	4.934					
Asuka-881442	68.27					
Asuka-881443	156.74					
Asuka-881444	140.68					
Asuka-881445	34.396					
Asuka-881446	15.703					
Asuka-881447	4.194					
Asuka-881448	341.27					
Asuka-881449	10.403					
Asuka-881450	65.95					
Asuka-881451	3.656					
Asuka-881452	12.776					
Asuka-881453	122.97					
Asuka-881454	8.875					
Asuka-881455	933.35					
Asuka-881456	72.75					
Asuka-881457	11.825					
Asuka-881458	56.84	CM2	16.4(0.2-54.0)	1.6(0.5-4.4)		
Asuka-881459	6.458					
Asuka-881460	13.101					
Asuka-881461	31.595					
Asuka-881462	236.85					
Asuka-881463	25.698					
Asuka-881464	22.767					
Asuka-881465	137.05					
Asuka-881466	18.571					
Asuka-881467	38.40	Eu		(60.2-61.2)		medium-grained crystalline(unbrecciated), Pl(An85.1-88.5

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
						Or0.3-0.9), En28.1-35.2Fs30.1-61.2Wo4.6-41.4, SiO2
Asuka-881468	309.93					
Asuka-881469	39.257					
Asuka-881470	60.76					
Asuka-881471	13.706					
Asuka-881472	21.898					
Asuka-881473	17.658					
Asuka-881474	294.49					
Asuka-881475	70.13					
Asuka-881476	111.37					
Asuka-881477	3.707					
Asuka-881478	113.79					
Asuka-881479	108.39					
Asuka-881480	13.824					
Asuka-881481	8.220					
Asuka-881482	8.698					
Asuka-881483	7.876					
Asuka-881484	31.852					
Asuka-881485	13.224					
Asuka-881486	6.323					
Asuka-881487	12.921					
Asuka-881488	399.90					
Asuka-881489	2.408					
Asuka-881490	6.466					
Asuka-881491	35.065					
Asuka-881492	108.07					
Asuka-881493	245.30					
Asuka-881494	414.65					
Asuka-881495	0.577					
Asuka-881496	6.756					
Asuka-881497	8.703					
Asuka-881498	198.78					
Asuka-881499	4.954					
Asuka-881500	247.82					
Asuka-881501	192.02					
Asuka-881502	3.620					
Asuka-881503	3.855					
Asuka-881504	178.58					
Asuka-881505	22.745					
Asuka-881506	12.672					
Asuka-881507	72.37					
Asuka-881508	129.29					
Asuka-881509	3.902					
Asuka-881510	16.193					
Asuka-881511	29.882					
Asuka-881512	27.176					
Asuka-881513	3.881					
Asuka-881514	16.183					
Asuka-881515	21.609					
Asuka-881516	119.00					
Asuka-881517	232.87					
Asuka-881518	1.786					
Asuka-881519	13.063					
Asuka-881520	2.722					
Asuka-881521	3.699					
Asuka-881522	10.707					
Asuka-881523	11.116					
Asuka-881524	8.325					
Asuka-881525	8.200					
Asuka-881526	470.06	Dio		24.5(22.4-25.6)		breccia, avarage (En74Fs23Wo3, En46.0Fs7.8Wo46.2)
Asuka-881527	9.497					
Asuka-881528	4.397					
Asuka-881529	16.425					
Asuka-881530	8.173					
Asuka-881531	5.504					
Asuka-881532	30.515					
Asuka-881533	51.863					
Asuka-881534	5.942					
Asuka-881535	1.583	CO3	9.7(0.6-37.6)			En41.7-66.4Fs0.7-8.1Wo6.1-40.5
Asuka-881536	42.918					
Asuka-881537	15.174					
Asuka-881538	57.171					
Asuka-881539	1896.48					
Asuka-881540	15.458					
Asuka-881541	49.111					
Asuka-881542	83.70					
Asuka-881543	8.072					
Asuka-881544	26.193					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881545	19.938					
Asuka-881546	10.440					
Asuka-881547	15.816					
Asuka-881548	110.16					
Asuka-881549	28.900					
Asuka-881550	16.880					
Asuka-881551	162.48	C6	33.5(32.7-34.8)			
Asuka-881552	68.93					
Asuka-881553	4.326					
Asuka-881554	20.142					
Asuka-881555	27.349					
Asuka-881556	10.357					
Asuka-881557	5.910					
Asuka-881558	31.782					
Asuka-881559	0.418					
Asuka-881560	15.176					
Asuka-881561	836.87					
Asuka-881562	3.169					
Asuka-881563	19.837					
Asuka-881564	37.220					
Asuka-881565	49.690					
Asuka-881566	179.96					
Asuka-881567	740.76					
Asuka-881568	25.460					
Asuka-881569	5.869					
Asuka-881570	58.267					
Asuka-881571	222.64					
Asuka-881572	11.929					
Asuka-881573	19.275					
Asuka-881574	15.294					
Asuka-881575	37.492					
Asuka-881576	95.59					
Asuka-881577	1.481					
Asuka-881578	0.113					
Asuka-881579	9.402					
Asuka-881580	94.42					
Asuka-881581	52.639					
Asuka-881582	61.64					
Asuka-881583	12.681					
Asuka-881584	11.322					
Asuka-881585	3.676					
Asuka-881586	0.409					
Asuka-881587	9.814					
Asuka-881588	11.982					
Asuka-881589	6.117					
Asuka-881590	261.64					
Asuka-881591	12.942					
Asuka-881592	8.377					
Asuka-881593	5.309					
Asuka-881594	35.74	CM2				
Asuka-881595	126.59	CR2	0.7(0.3-1.4)	0.9(0.4-2.3)		
Asuka-881596	12.581					
Asuka-881597	21.256					
Asuka-881598	1.084					
Asuka-881599	25.466					
Asuka-881600	27.526					
Asuka-881601	86.84					
Asuka-881602	7.849					
Asuka-881603	12.680					
Asuka-881604	457.53					
Asuka-881605	13.928					
Asuka-881606	27.890					
Asuka-881607	15.799					
Asuka-881608	1143.05					
Asuka-881609	60.71					
Asuka-881610	290.11					
Asuka-881611	13.084					
Asuka-881612	19.163					
Asuka-881613	545.71					
Asuka-881614	387.82					
Asuka-881615	229.75					
Asuka-881616	40.634					
Asuka-881617	210.15					
Asuka-881618	40.490					
Asuka-881619	280.02					
Asuka-881620	0.067					
Asuka-881621	58.306					
Asuka-881622	173.18					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881623	479.12					
Asuka-881624	250.32					
Asuka-881625	9.296					
Asuka-881626	80.06					
Asuka-881627	42.684					
Asuka-881628	19.884					
Asuka-881629	103.21					
Asuka-881630	30.201					
Asuka-881631	10.308					
Asuka-881632	138.11	CO3	7.6(0.1-45.3)	2.0(0.4-7.9)		Pl(An49.6Or2.5), En81.4-93.0Fs0.7-5.5Wo6.3-14.5
Asuka-881633	4.255					
Asuka-881634	28.900					
Asuka-881635	3.942					
Asuka-881636	107.29					
Asuka-881637	195.62					
Asuka-881638	125.88					
Asuka-881639	21.989					
Asuka-881640	11.592					
Asuka-881641	2931					
Asuka-881642	664.58					
Asuka-881643	519.10					
Asuka-881644	252.59					
Asuka-881645	166.52					
Asuka-881646	44.122					
Asuka-881647	14.339					
Asuka-881648	23.559					
Asuka-881649	22.360					
Asuka-881650	1.237					
Asuka-881651	170.48					
Asuka-881652	894.80					
Asuka-881653	33.115					
Asuka-881654	547.38					
Asuka-881655	36.64	C				
Asuka-881656	2.807					
Asuka-881657	31.167					
Asuka-881658	7.013					
Asuka-881659	9.401					
Asuka-881660	10.455					
Asuka-881661	13.321					
Asuka-881662	39.736					
Asuka-881663	47.746					
Asuka-881664	49.818					
Asuka-881665	20.892					
Asuka-881666	23.857					
Asuka-881667	40.099					
Asuka-881668	188.02					
Asuka-881669	12.403					
Asuka-881670	13.306					
Asuka-881671	20.733					
Asuka-881672	5.374					
Asuka-881673	15.645					
Asuka-881674	0.650					
Asuka-881675	7.015					
Asuka-881676	9.632					
Asuka-881677	14.450					
Asuka-881678	4.227					
Asuka-881679	3.210					
Asuka-881680	10.613					
Asuka-881681	4.931					
Asuka-881682	3.882					
Asuka-881683	79.92					
Asuka-881684	0.696					
Asuka-881685	33.044					
Asuka-881686	274.09					
Asuka-881687	37.121					
Asuka-881688	31.562					
Asuka-881689	29.962					
Asuka-881690	3.418					
Asuka-881691	9.128					
Asuka-881692	31.087					
Asuka-881693	9.114					
Asuka-881694	76.47					
Asuka-881695	102.13					
Asuka-881696	50.861					
Asuka-881697	99.82					
Asuka-881698	113.84					
Asuka-881699	56.610					
Asuka-881700	6.595					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881701	4.961					
Asuka-881702	19.030					
Asuka-881703	8.284					
Asuka-881704	6.789					
Asuka-881705	11.630					
Asuka-881706	59.835					
Asuka-881707	13.074					
Asuka-881708	1.864					
Asuka-881709	230.06					
Asuka-881710	201.05					
Asuka-881711	20.072					
Asuka-881712	32.970					
Asuka-881713	122.39					
Asuka-881714	45.548					
Asuka-881715	2.167					
Asuka-881716	1.375					
Asuka-881717	19.793					
Asuka-881718	13.464					
Asuka-881719	267.94					
Asuka-881720	947.84					
Asuka-881721	5.108					
Asuka-881722	7.714					
Asuka-881723	24.620					
Asuka-881724	29.426					
Asuka-881725	33.27	LL6	29.6(28.6-30.5)	23.4, 28.0		Pl(An29.9-37.1Or1.9-2.4), En46.9Fs9.3Wo43.8
Asuka-881726	105.25					
Asuka-881727	26.964					
Asuka-881728	50.088					
Asuka-881729	24.351					
Asuka-881730	69.93					
Asuka-881731	127.18					
Asuka-881732	6.466					
Asuka-881733	44.903					
Asuka-881734	21.892					
Asuka-881735	32.068					
Asuka-881736	1.369					
Asuka-881737	13.578					
Asuka-881738	530.84					
Asuka-881739	23.097					
Asuka-881740	124.95					
Asuka-881741	7.980					
Asuka-881742	916.75					
Asuka-881743	37.065					
Asuka-881744	28.488					
Asuka-881745	72.47					
Asuka-881746	115.54					
Asuka-881747	166.55	Euc(cum)		(59.9-60.0)		Pl(An77.4-88.2Or0.4-1.7), En28.7-36.2Fs24.6-60.4Wo4.9-44.0, SiO2
Asuka-881748	13.576					
Asuka-881749	25.246					
Asuka-881750	15.208					
Asuka-881751	11.944					
Asuka-881752	10.579					
Asuka-881753	180.08					
Asuka-881754	46.750					
Asuka-881755	16.948					
Asuka-881756	43000					
Asuka-881757	442.12	Lunar	(86.6-94.4)			Gabbroic, new type of lunar mare basalt, Pl(An73.8-96.1Or0.0-2.3), En7.8-43.6Fs30.7-68.2Wo11.8-40.9
Asuka-881758	42.474					
Asuka-881759	14.256					
Asuka-881760	81.93					
Asuka-881761	32.707					
Asuka-881762	9.707					
Asuka-881763	11.510					
Asuka-881764	30.998					
Asuka-881765	53.496					
Asuka-881766	17.965					
Asuka-881767	608.73					
Asuka-881768	524.99					
Asuka-881769	1079.28					
Asuka-881770	310.00					
Asuka-881771	51.957					
Asuka-881772	12.228					
Asuka-881773	450.61					
Asuka-881774	207.67					
Asuka-881775	474.75					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881776	44.431					
Asuka-881777	55.245					
Asuka-881778	59.032					
Asuka-881779	6.566					
Asuka-881780	100.53					
Asuka-881781	6.043					
Asuka-881782	496.56					
Asuka-881783	20.696					
Asuka-881784	445.32					
Asuka-881785	8121					
Asuka-881786	52.662					
Asuka-881787	880.57					
Asuka-881788	6.580					
Asuka-881789	272.39					
Asuka-881790	964.65	L6	24.6(23.3-25.4)	20.5(19.7-21.1)		Pl(An10.0-16.0Or5.3-5.7), En47.2Fs7.9Wo44.8
Asuka-881791	448.78					
Asuka-881792	32.578					
Asuka-881793	76.37					
Asuka-881794	410.04					
Asuka-881795	768.89					
Asuka-881796	820.52					
Asuka-881797	360.97					
Asuka-881798	373.68					
Asuka-881799	28.982					
Asuka-881800	138.69	LL6	24.8(27.6-28.8)	23.5(21.1-31.2)		
Asuka-881801	31.216					
Asuka-881802	45.297	H6	18.8(17.4-19.6)	16.6(15.9-17.5)		
Asuka-881803	33.026					
Asuka-881804	23.746					
Asuka-881805	27.647					
Asuka-881806	794.29					
Asuka-881807	336.48					
Asuka-881808	154.76					
Asuka-881809	182.13					
Asuka-881810	641.00					
Asuka-881811	36.110					
Asuka-881812	156.77					
Asuka-881813	296.96					
Asuka-881814	1688.57					
Asuka-881815	58.861					
Asuka-881816	108.62					
Asuka-881817	156.56					
Asuka-881818	39.240					
Asuka-881819	649.23	Euc		(22.6-61.6)		breccia, Pl(An88.8-93.5Or0.1-0.8), En29.0-75.2Fs18.2-61.6Wo1.3-45.0
Asuka-881820	761.68					
Asuka-881821	456.69					
Asuka-881822	8.540					
Asuka-881823	5.119					
Asuka-881824	4.951					
Asuka-881825	2.621					
Asuka-881826	5.300					
Asuka-881827	4.550					
Asuka-881828	32.844	E6	3.5(0.6-26.3)	1.7(0.7-4.1)		
Asuka-881829	520.52					
Asuka-881830	97.08					
Asuka-881831	224.08					
Asuka-881832	3078.022	LL6	29.0(28.2-31.7)	24.5(23.4-27.0)		Pl(An10.1Or1.7), merr.
Asuka-881833	264.83					
Asuka-881834	76.86					
Asuka-881835	210.06					
Asuka-881836	218.30					
Asuka-881837	55.575					
Asuka-881838	80.36	Dio(mon)		(26.7-29.5)		monomict breccia, Pl(An89.5-91.0Or0.0-0.3), En43.1-70.0Fs11.8-30.0Wo2.2-45.1
Asuka-881839	39.616					
Asuka-881840	2.356					
Asuka-881841	58.870					
Asuka-881842	21064					
Asuka-881843	51.535					
Asuka-881844	130.716	H5	18.7(17.8-20.8)	16.4(14.9-18.5)		
Asuka-881845	40.761					
Asuka-881846	13.237					
Asuka-881847	1279.71					
Asuka-881848	6.729					
Asuka-881849	52.540					
Asuka-881850	1024.01					
Asuka-881851	35.120					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881852	14.754					
Asuka-881853	118.87	H5	18.7(17.7-19.8)	16.6(15.6-20.2)		merr.
Asuka-881854	171.30					
Asuka-881855	1343.04					
Asuka-881856	571.61	L4	24.1(22.9-25.7)	20.3(19.0-21.2)		ap.
Asuka-881857	1182.89	LL5	31.8(30.6-32.9)	26.2(25.6-26.7)		Pl(An32.2Or4.3)
Asuka-881858	20.561					
Asuka-881859	64.04					
Asuka-881860	248.62					
Asuka-881861	317.16					
Asuka-881862	178.87					
Asuka-881863	86.70					
Asuka-881864	27.588					
Asuka-881865	19.627					
Asuka-881866	82.33					
Asuka-881867	44.288					
Asuka-881868	177.22					
Asuka-881869	216.37					
Asuka-881870	116.48					
Asuka-881871	113.37					
Asuka-881872	81.90					
Asuka-881873	83.28					
Asuka-881874	87.49					
Asuka-881875	32.481					
Asuka-881876	212.66					
Asuka-881877	2569	L4	24.1(22.8-25.3)	20.6(19.2-23.0)		En47.7Fs9.1Wo43.2, En64.2Fs15.6Wo20.2, merr.
Asuka-881878	10.531					
Asuka-881879	7.855					
Asuka-881880	72.03					
Asuka-881881	19.273					
Asuka-881882	32.598					
Asuka-881883	51.308					
Asuka-881884	148.58					
Asuka-881885	40.816					
Asuka-881886	137.08					
Asuka-881887	2095					
Asuka-881888	365.95					
Asuka-881889	897.06					
Asuka-881890	178.46					
Asuka-881891	174.58					
Asuka-881892	25.745					
Asuka-881893	87.58					
Asuka-881894	8419					
Asuka-881895	10.234					
Asuka-881896	558.594	L6	24.7(24.0-25.7)	20.8(19.9-23.8)		
Asuka-881897	241.66	L6	24.7(24.0-25.9)	20.5(19.6-21.7)		Pl(An11.2Or5.7), En48.3Fs7.0Wo44.8
Asuka-881898	55.827					
Asuka-881899	6567					
Asuka-881900	957.996	LL6	29.1(28.1-31.1)	23.7(22.2-25.4)		breccia, En48.6Fs11.6Wo39.8
Asuka-881901	103.46					
Asuka-881902	907.87					
Asuka-881903	274.20					
Asuka-881904	84.79					
Asuka-881905	23.773					
Asuka-881906	202.53					
Asuka-881907	67.65					
Asuka-881908	144.37					
Asuka-881909	601.44					
Asuka-881910	358.20					
Asuka-881911	332.82					
Asuka-881912	8.497					
Asuka-881913	1624.97	LL6	29.0(28.0-29.6)	23.5(21.0-25.3)		Pl(An29.8Or1.2), En47.1Fs10.5Wo42.4
Asuka-881914	62.50					
Asuka-881915	111.18					
Asuka-881916	69.16					
Asuka-881917	149.57					
Asuka-881918	306.84					
Asuka-881919	832.92					
Asuka-881920	31.365					
Asuka-881921	55.381					
Asuka-881922	42.114					
Asuka-881923	100.05					
Asuka-881924	170.40					
Asuka-881925	3273					
Asuka-881926	84.03					
Asuka-881927	11.842					
Asuka-881928	59.798					
Asuka-881929	190.85					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-881930	19.216					
Asuka-881931	153.62	Ure	(10.2-24.5)			En71.2-74.1Fs16.9-19.1Wo8.0-9.7
Asuka-881932	58.242					
Asuka-881933	41.692	H6	16.4(15.5-18.0)	15.7(14.4-18.3)		En50.2-55.2Fs7.5-9.5Wo35.4-42.0, merr., maskl.
Asuka-881934	92.26					
Asuka-881935	69.96					
Asuka-881936	486.93					
Asuka-881937	104.65					
Asuka-881938	71.80					
Asuka-881939	32.397					
Asuka-881940	264.58					
Asuka-881941	92.31					
Asuka-881942	423.67					
Asuka-881943	66.13					
Asuka-881944	79.66					
Asuka-881945	64.29					
Asuka-881946	29.657	Ter				Terrestrial
Asuka-881947	37.254					
Asuka-881948	1.927					
Asuka-881949	528.12					
Asuka-881950	141.25					
Asuka-881951	23.880					
Asuka-881952	7.036					
Asuka-881953	11.624					
Asuka-881954	28.544					
Asuka-881955	40.004	CM2	(0.3-51.5)	(0.6-5.0)		
Asuka-881956	26.538					
Asuka-881957	49.025					
Asuka-881958	154.06					
Asuka-881959	30.241					
Asuka-881960	89.30					
Asuka-881961	24.945					
Asuka-881962	58.771					
Asuka-881963	26.326					
Asuka-881964	4.946					
Asuka-881965	10.099					
Asuka-881966	62.25					
Asuka-881967	263.57					
Asuka-881968	26.035					
Asuka-881969	1.522					
Asuka-881970	307.00					
Asuka-881971	33.914					
Asuka-881972	393.47					
Asuka-881973	18.864					
Asuka-881974	957.42					
Asuka-881975	38.724					
Asuka-881976	3327					
Asuka-881977	4343					
Asuka-881978	1650.55					
Asuka-881979	731.29					
Asuka-881980	400.90					
Asuka-881981	810.36					
Asuka-881982	120.30					
Asuka-881983	7.954	H6	19.4(18.5-23.3)	16.8(15.9-17.6)		Pl(An11.3Or4.0), En48.1Fs5.7Wo46.3
Asuka-881984	35.725					
Asuka-881985	16.541					
Asuka-881986	10147					
Asuka-881987	89.02					
Asuka-881988	171.90	Unique	35.6(34.8-36.7)			(Y) chondrite
Asuka-881989	38.616					
Asuka-881990	123.43	H5	17.9(16.9-18.8)	15.5(15.0-16.0)		
Asuka-881991	1071.19					
Asuka-881992	5.026					
Asuka-881993	144.89					
Asuka-881994	14.872					
Asuka-881995	92.70					
Asuka-881996	36.463					
Asuka-881997	152.48					
Asuka-881998	33.472					
Asuka-881999	201.75					
Asuka-882000	2.010					
Asuka-882001	305.31					
Asuka-882002	851.63					
Asuka-882003	639.33					
Asuka-882004	375.502	H3	14.1(13.3-15.6)	12.7(10.3-16.1)		En74.8Fs11.0Wo14.2, Cpx
Asuka-882005	1131.49					
Asuka-882006	43.358					
Asuka-882007	305.97					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-882008	833.23					
Asuka-882009	89.96					
Asuka-882010	83.06					
Asuka-882011	10.113					
Asuka-882012	18.920					
Asuka-882013	24.626					
Asuka-882014	45.214	L	23.5(22.3-25.8)	20.2(18.8-22.6)		regolith breccia, En47.0Fs7.5Wo45.6, En54.5Fs12.8Wo32.8, merr., ap.
Asuka-882015	32.113	H4	18.5(17.3-20.4)	16.2(15.4-19.5)		
Asuka-882016	47.242					
Asuka-882017	567.67					
Asuka-882018	60.66	L4	23.9(22.2-25.1)	20.5(17.6-22.0)		regolith breccia
Asuka-882019	230.60					
Asuka-882020	41.845					
Asuka-882021	3547					
Asuka-882022	256.61					
Asuka-882023	1115.45	Mes	35.0(34.5-35.3)	(27.7-32.6)		Pl(An89.0-94.8Or0.1-0.6), En50.1-70.3Fs17.4-32.6Wo2.0-32.5, SiO2
Asuka-882024	107.44					
Asuka-882025	31.00					
Asuka-882026	1446.84					
Asuka-882027	27.73					
Asuka-882028	10.169					
Asuka-882029	273.40					
Asuka-882030	335.19					
Asuka-882031	328.289	L6	24.9(24.2-25.7)	20.5(19.0-21.2)		Pl(An10.2Or5.5)
Asuka-882032	1.258					
Asuka-882033	51.631					
Asuka-882034	72.834	L5	24.7(23.9-25.6)	21.1(20.3-22.4)		
Asuka-882035	280.55					
Asuka-882036	123.35					
Asuka-882037	142.28					
Asuka-882038	303.89					
Asuka-882039	383.92					
Asuka-882040	212.85					
Asuka-882041	149.88					
Asuka-882042	2504					
Asuka-882043	27.702					
Asuka-882044	1.647					
Asuka-882045	58.135					
Asuka-882046	90.70					
Asuka-882047	15.816					
Asuka-882048	492.30	L5	24.6(23.9-25.6)	20.8(19.7-22.3)		En73.2Fs19.0Wo7.9
Asuka-882049	250.83					
Asuka-882050	2.705					
Asuka-882051	83.16					
Asuka-882052	136.94					
Asuka-882053	63.59					
Asuka-882054	869.70					
Asuka-882055	213.51					
Asuka-882056	40.186					
Asuka-882057	274.92					
Asuka-882058	2902					
Asuka-882059	33.519					
Asuka-882060	554.12					
Asuka-882061	528.40	LL6	29.9(29.4-30.5)	24.6(21.4-27.0)		Pl(An9.5Or3.0)
Asuka-882062	1728.59					
Asuka-882063	1171.38					
Asuka-882064	93.81					
Asuka-882065	100.85					
Asuka-882066	104.538	LL4	28.0(26.8-28.7)	23.2(21.3-26.5)		En67.0Fs18.3Wo14.7
Asuka-882067	15.621					
Asuka-882068	303.14					
Asuka-882069	264.61					
Asuka-882070	65.48					
Asuka-882071	16.829					
Asuka-882072	797.15					
Asuka-882073	296.44					
Asuka-882074	251.96					
Asuka-882075	5.690					
Asuka-882076	269.73					
Asuka-882077	738.76					
Asuka-882078	14.025					
Asuka-882079	28.972					
Asuka-882080	1.376					
Asuka-882081	89.06					
Asuka-882082	48.969					
Asuka-882083	569.07					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-882084	151.56	LL5	28.2(27.6-28.7)	22.8(22.0-23.9)		merr.
Asuka-882085	101.24					
Asuka-882086	107.78					
Asuka-882087	213.20					
Asuka-882088	11.370					
Asuka-882089	19.424					
Asuka-882090	12.558					
Asuka-882091	189.63					
Asuka-882092	73.81					
Asuka-882093	1606.34					
Asuka-882094	112.89	CO3	16.7(0.3-59.2)	3.3(0.6-11.0)		En86.0Fs8.3Wo5.7, En94.0Fs0.7Wo5.2
Asuka-882095	133.64					
Asuka-882096	56.745					
Asuka-882097	280.77					
Asuka-882098	180.90	L5	27.9(26.7-28.6)	22.5(21.8-23.2)		
Asuka-882099	22.190					
Asuka-882100	79.00					
Asuka-882101	35.622					
Asuka-882102	992.45					
Asuka-882103	126.01					
Asuka-882104	14.310					
Asuka-882105	61.90					
Asuka-882106	290.34					
Asuka-882107	23.579					
Asuka-882108	532.11					
Asuka-882109	171.03	L6	23.6(23.0-25.1)	20.1(18.4-21.4)		En46.6Fs7.1Wo46.3, merr., ap.
Asuka-882110	66.21					
Asuka-882111	59.267					
Asuka-882112	4.520					
Asuka-882113	53.98	C4	21.4(20.0-22.8)	22.6(20.0-27.3)		Pl(An10.9-59.2Or0.3-81.3), En46.4Fs8.3Wo45.3
Asuka-882114	855.61					
Asuka-882115	86.06					
Asuka-882116	163.80					
Asuka-882117	5.550					
Asuka-882118	48.606					
Asuka-882119	219.62					
Asuka-882120	155.59					
Asuka-882121	3686					
Asuka-882122	214.93					
Asuka-882123	21.828					
Asuka-882124	3.599					
<Asuka-90 Meteorites>						
Asuka-9001	390.48	H6	19.3(18.1-20.1)	16.6(15.2-17.6)		ap.
Asuka-9002	548.34					
Asuka-9003	1.696					
Asuka-9004	198.92	L6	24.3(23.4-25.1)	20.5(19.4-22.9)		En46.7Fe9.3Wo44.0
Asuka-9005	129.25	H5	18.0(2.7-19.6)	16.4(14.1-17.8)		En76.1Fs14.5Wo9.4
Asuka-9006	62.15	H4	18.9(17.7-21.4)	15.5(3.4-18.0)		merr.
Asuka-9007	94.26	H3	17.5(1.8-19.8)	14.8(0.7-17.6)		Pl(An11.8Or5.6)
Asuka-9008	11.940					
Asuka-9009	1.875					
Asuka-9010	50.493					
Asuka-9011	31.146					
Asuka-9012	5.981					
Asuka-9013	2.966					
Asuka-9014	7.069					
Asuka-9015	10.940					
Asuka-9016	15.918					
Asuka-9017	41.730					
Asuka-9018	38.056					
Asuka-9019	19.693					
Asuka-9020	10.620					
Asuka-9021	6.872					
Asuka-9022	10.579					
Asuka-9023	7.488					
Asuka-9024	17.058					
Asuka-9025	15.591					
Asuka-9026	21.467					
Asuka-9027	9.994					
Asuka-9028	112.21					
Asuka-9029	65.31	Euc				breccia
Asuka-9030	67.10	L6	24.7(23.7-25.4)	20.6(19.6-21.6)		
Asuka-9031	243.49	H5	18.4(17.7-19.1)	16.0(15.2-16.9)		En51.1Fs6.2Wo42.6, merr.
Asuka-9032	128.85					
Asuka-9033	69.39					
Asuka-9034	75.15	L6	23.3(19.1-24.4)	19.8(19.2-20.3)		Pl(An12.3Or0.2)
Asuka-9035	128.69					

Meteorite Name	Weight(g)	Class	%Fa in olivine	%Fs in pyroxene	*	Comments
Asuka-9036	23.371					
Asuka-9037	14.347					
Asuka-9038	4.313					
Asuka-9039	61.74					
Asuka-9040	42.570					
Asuka-9041	20.201					
Asuka-9042	20.245					
Asuka-9043	134.92	3	11.33(0.5-38.0)	10.1(0.8-30.5)		
Asuka-9044	3.957					
Asuka-9045	120.82					
Asuka-9046	45.86	3	16.2(7.0-26.1)	10.4(0.7-29.4)		En50.2Fs35.5Wo14.4
Asuka-9047	65.80					
Asuka-9048	8270.54	L5	24.9(24.2-26.1)	20.9(19.8-22.3)		
<Yamato-92 Meteorites>						
Yamato-9201	53.058					
Yamato-9202	2.996	Dio(a)				
Yamato-9203	524.65					
<Yamato-94 Meteorites>						
Yamato-9401	42.97					
Yamato-9402	13.89					
Yamato-9403	263.13					
Yamato-9404	6.75					
Yamato-9405	4.83					
Yamato-9406	2.55					
Yamato-9407	9.16					
Yamato-9408	6.99					
Yamato-9409	2.89					
Yamato-9410	1.53					
Yamato-9411	1.84					
Yamato-9412	1.83					
Yamato-9413	0.84					
Yamato-9414	2.94					
Yamato-9415	0.75					
Yamato-9416	2.90					

Comprehensive Listing of Meteorites Sorted by Petrologic Type

Sample Number	Weight(g)	Classification	Icefield
Achondrites			
Asuka-881371	11.27	Angrite	Sør Rondane Mountains
ALH-78113	145.4	Aubrite	Allan Hills, Main
Yamato-793592	31.99	Aubrite	Yamato Mountains
ALH-77256	329.2	Diogenite	Allan Hills, Main
Yamato-791194	129.73	Diogenite	Yamato Mountains
Yamato-791203	6.26	Diogenite	Yamato Mountains
Asuka-880785	52.73	Diogenite	Sør Rondane Mountains
Asuka-881370	0.9	Diogenite	Sør Rondane Mountains
Asuka-881377	214.9	Diogenite	Sør Rondane Mountains
Asuka-881526	470.06	Diogenite	Sør Rondane Mountains
Yamato-692	138	Diogenite (A)	Yamato Mountains
Yamato-74005	3.69	Diogenite (A)	Yamato Mountains
Yamato-74010	298.5	Diogenite (A)	Yamato Mountains
Yamato-74011	206	Diogenite (A)	Yamato Mountains
Yamato-74013	2059.5	Diogenite (A)	Yamato Mountains
Yamato-74031	6.1	Diogenite (A)	Yamato Mountains
Yamato-74037	591.9	Diogenite (A)	Yamato Mountains
Yamato-74096	16.19	Diogenite (A)	Yamato Mountains
Yamato-74097	2193.9	Diogenite (A)	Yamato Mountains
Yamato-74109	43.67	Diogenite (A)	Yamato Mountains
Yamato-74125	107	Diogenite (A)	Yamato Mountains
Yamato-74126	14.52	Diogenite (A)	Yamato Mountains
Yamato-74136	725	Diogenite (A)	Yamato Mountains
Yamato-74150	33.56	Diogenite (A)	Yamato Mountains
Yamato-74151	49.42	Diogenite (A)	Yamato Mountains
Yamato-74162	3.86	Diogenite (A)	Yamato Mountains
Yamato-74344	1.42	Diogenite (A)	Yamato Mountains
Yamato-74347	7.85	Diogenite (A)	Yamato Mountains
Yamato-74368	4.13	Diogenite (A)	Yamato Mountains
Yamato-74448	17.7	Diogenite (A)	Yamato Mountains
Yamato-74546	7.39	Diogenite (A)	Yamato Mountains
Yamato-74606	2.95	Diogenite (A)	Yamato Mountains
Yamato-74648	185.5	Diogenite (A)	Yamato Mountains
Yamato-75001	3.23	Diogenite (A)	Yamato Mountains
Yamato-75004	37.14	Diogenite (A)	Yamato Mountains
Yamato-75007	2.63	Diogenite (A)	Yamato Mountains
Yamato-75014	2.99	Diogenite (A)	Yamato Mountains
Yamato-75285	3.25	Diogenite (A)	Yamato Mountains
Yamato-75299	9.39	Diogenite (A)	Yamato Mountains
Yamato-790022	1.66	Diogenite (A)	Yamato Mountains
Yamato-790118	12.25	Diogenite (A)	Yamato Mountains
Yamato-791829	9.27	Diogenite (A)	Yamato Mountains
Yamato-793557	5.62	Diogenite (A)	Yamato Mountains
Yamato-8009	53.74	Diogenite (A)	Yamato Mountains
Yamato-81001	2.54	Diogenite (A)	Yamato Mountains
Yamato-81027	11.47	Diogenite (A)	Yamato Mountains
Yamato-82021	13.44	Diogenite (A)	Yamato Mountains
Yamato-82022	23.04	Diogenite (A)	Yamato Mountains
Yamato-82074	10.06	Diogenite (A)	Yamato Mountains
Yamato-82075	9.23	Diogenite (A)	Yamato Mountains
Yamato-82211	62	Diogenite (A)	Yamato Mountains
Yamato-86808	16.44	Diogenite (A)	Yamato Mountains
Yamato-86810	55.44	Diogenite (A)	Yamato Mountains
Yamato-9202	3	Diogenite (A)	Yamato Mountains
Yamato-75032	189.1	Diogenite (B)	Yamato Mountains
Yamato-791000	90.4	Diogenite (B)	Yamato Mountains
Yamato-791072	11.4	Diogenite (B)	Yamato Mountains
Yamato-791073	33.1	Diogenite (B)	Yamato Mountains
Yamato-791187	24	Diogenite (B)	Yamato Mountains
Yamato-791188	9.17	Diogenite (B)	Yamato Mountains
Yamato-791189	6.23	Diogenite (B)	Yamato Mountains
Yamato-791199	121.88	Diogenite (B)	Yamato Mountains
Yamato-791200	51.58	Diogenite (B)	Yamato Mountains
Yamato-791201	9.61	Diogenite (B)	Yamato Mountains
Yamato-791202	9.42	Diogenite (B)	Yamato Mountains
Yamato-791204	2.19	Diogenite (B)	Yamato Mountains
Yamato-791422	61.8	Diogenite (B)	Yamato Mountains
Yamato-791439	31.05	Diogenite (B)	Yamato Mountains
Yamato-791466	21.46	Diogenite (B)	Yamato Mountains
Yamato-791467	18.71	Diogenite (B)	Yamato Mountains
Yamato-791603	5.09	Diogenite (B)	Yamato Mountains
Asuka-87122	15.9	Diogenite (B)	Sør Rondane Mountains
Asuka-881838	80.36	Diogenite (monomict)	Sør Rondane Mountains
Yamato-791049	8.73	Eucrite	Yamato Mountains
Yamato-791826	115.35	Eucrite	Yamato Mountains
Yamato-791960	242.08	Eucrite	Yamato Mountains

Sample number	Weight (g)	Classification	Icefield
Yamato-791962	299.65	Eucrite	Yamato Mountains
Yamato-792510	608.73	Eucrite	Yamato Mountains
Yamato-792511	49.22	Eucrite	Yamato Mountains
Yamato-793164	123.88	Eucrite	Yamato Mountains
Yamato-793570	43.56	Eucrite	Yamato Mountains
Yamato-793591	661.8	Eucrite	Yamato Mountains
Yamato-793593	84.7	Eucrite	Yamato Mountains
Yamato-793600	54.15	Eucrite	Yamato Mountains
Yamato-82010	7.38	Eucrite	Yamato Mountains
Yamato-82037	45.43	Eucrite	Yamato Mountains
Yamato-82049	115.35	Eucrite	Yamato Mountains
Yamato-82066	191.4	Eucrite	Yamato Mountains
Yamato-82082	662.28	Eucrite	Yamato Mountains
Yamato-82091	108.35	Eucrite	Yamato Mountains
Yamato-82197	5.29	Eucrite	Yamato Mountains
Yamato-82202	11	Eucrite	Yamato Mountains
Yamato-82209	46.73	Eucrite	Yamato Mountains
Yamato-82210	36.69	Eucrite	Yamato Mountains
Yamato-8413	0.66	Eucrite	Yamato Mountains
Asuka-881467	38.4	Eucrite	Sør Rondane Mountains
Asuka-881388	16.92	Eucrite	Sør Rondane Mountains
Asuka-881819	649.23	Eucrite	Sør Rondane Mountains
Asuka-9029	65.31	Eucrite	Sør Rondane Mountains
Yamato-86006	6.47	Eucrite (Brecciated)	Yamato Mountains
Yamato-791195	100.29	Eucrite (cumulate)	Yamato Mountains
Yamato-86763	10.42	Eucrite (cumulate)	Yamato Mountains
Asuka-881394	70.92	Eucrite (cumulate)	Sør Rondane Mountains
Asuka-881747	166.55	Eucrite (cumulate)	Sør Rondane Mountains
Yamato-74356	10	Eucrite (monomict)	Yamato Mountains
Yamato-790266	208	Eucrite (monomict)	Yamato Mountains
Yamato-791186	99.58	Eucrite (monomict)	Yamato Mountains
Yamato-791438	20.18	Eucrite (monomict)	Yamato Mountains
Yamato-794016	28.61	Eucrite (monomict)	Yamato Mountains
Yamato-794043	88.69	Eucrite (monomict)	Yamato Mountains
Asuka-87272	5706	Eucrite (monomict)	Sør Rondane Mountains
Yamato-74159	98.2	Eucrite (polymict)	Yamato Mountains
Yamato-74450	235.6	Eucrite (polymict)	Yamato Mountains
Yamato-75011	121.5	Eucrite (polymict)	Yamato Mountains
Yamato-75015	166.6	Eucrite (polymict)	Yamato Mountains
Yamato-75295	8.8	Eucrite (polymict)	Yamato Mountains
Yamato-75296	8.6	Eucrite (polymict)	Yamato Mountains
Yamato-75307	7.9	Eucrite (polymict)	Yamato Mountains
ALH-765	698.2	Eucrite (polymict)	Allan Hills, Main
ALH-77302	114.36	Eucrite (polymict)	Allan Hills, Main
ALH-78040	108.21	Eucrite (polymict)	Allan Hills, Main
ALH-78132	329.85	Eucrite (polymict)	Allan Hills, Main
ALH-78158	7.02	Eucrite (polymict)	Allan Hills, Main
ALH-78165	9.3	Eucrite (polymict)	Allan Hills, Main
Yamato-790006	29.42	Eucrite (polymict)	Yamato Mountains
Yamato-790007	80.38	Eucrite (polymict)	Yamato Mountains
Yamato-790020	86.27	Eucrite (polymict)	Yamato Mountains
Yamato-790113	19	Eucrite (polymict)	Yamato Mountains
Yamato-790114	3.92	Eucrite (polymict)	Yamato Mountains
Yamato-790122	109.54	Eucrite (polymict)	Yamato Mountains
Yamato-790447	3.03	Eucrite (polymict)	Yamato Mountains
Yamato-791192	364.1	Eucrite (polymict)	Yamato Mountains
Yamato-791834	11.39	Eucrite (polymict)	Yamato Mountains
Yamato-792769	4232	Eucrite (polymict)	Yamato Mountains
Yamato-793331	4.41	Eucrite (polymict)	Yamato Mountains
Yamato-793547	54.04	Eucrite (polymict)	Yamato Mountains
Yamato-793548	62.33	Eucrite (polymict)	Yamato Mountains
Yamato-793549	13.86	Eucrite (polymict)	Yamato Mountains
Yamato-794002	105.9	Eucrite (polymict)	Yamato Mountains
Yamato-82009	6.25	Eucrite (polymict)	Yamato Mountains
Yamato-82015	3.85	Eucrite (polymict)	Yamato Mountains
Yamato-86048	6.05	Eucrite (polymict)	Yamato Mountains
Yamato-86762	27.34	Eucrite (polymict)	Yamato Mountains
Yamato-7308	480	Howardite	Yamato Mountains
ALH-78006	4.36	Howardite	Allan Hills, Main
Yamato-790727	120.42	Howardite	Yamato Mountains
Yamato-790991	30.8	Howardite	Yamato Mountains
Yamato-791064	12.92	Howardite	Yamato Mountains
Yamato-791074	27.19	Howardite	Yamato Mountains
Yamato-791206	20.05	Howardite	Yamato Mountains
Yamato-791207	4.14	Howardite	Yamato Mountains
Yamato-791208	47.91	Howardite	Yamato Mountains
Yamato-791424	10.9	Howardite	Yamato Mountains
Yamato-791448	35.6	Howardite	Yamato Mountains
Yamato-791492	41.12	Howardite	Yamato Mountains
Yamato-791497	7.04	Howardite	Yamato Mountains
Yamato-791573	134.33	Howardite	Yamato Mountains
Yamato-793173	12.59	Howardite	Yamato Mountains

Sample number	Weight (g)	Classification	Icefield
Yamato-793192	23.65	Howardite	Yamato Mountains
Yamato-793252	4.61	Howardite	Yamato Mountains
Yamato-793497	69.06	Howardite	Yamato Mountains
Yamato-793541	24.82	Howardite	Yamato Mountains
Yamato-793543	20.49	Howardite	Yamato Mountains
Yamato-793544	21.68	Howardite	Yamato Mountains
Yamato-793546	20.6	Howardite	Yamato Mountains
Yamato-793550	6.05	Howardite	Yamato Mountains
Yamato-793577	20.53	Howardite	Yamato Mountains
Yamato-82052	70.32	Howardite	Yamato Mountains
Yamato-86795	9.07	Howardite	Yamato Mountains
Yamato-793169	6.07	Lunar	Yamato Mountains
Yamato-793274	8.66	Lunar	Yamato Mountains
Asuka-881757	442.12	Lunar	Sør Rondane Mountains
Yamato-791197	52.4	Lunar-Anorth. Breccia	Yamato Mountains
Yamato-82192	36.67	Lunar-Anorth. Breccia	Yamato Mountains
Yamato-82193	27.04	Lunar-Anorth. Breccia	Yamato Mountains
Yamato-86032	648.43	Lunar-Anorth. Breccia	Yamato Mountains
ALH-77005	212.45	Shergottite	
Yamato-74123	69.9	Ureilite	Yamato Mountains
Yamato-74130	17.9	Ureilite	Yamato Mountains
Yamato-74154	2.83	Ureilite	Yamato Mountains
Yamato-74659	18.9	Ureilite	Yamato Mountains
ALH-77257	960.5	Ureilite	Allan Hills, Main
ALH-78019	16.27	Ureilite	Allan Hills, Main
ALH-78262	12.05	Ureilite	Allan Hills, Main
MET-78008	61.69	Ureilite	Meteorite Hills
Yamato-790981	213.01	Ureilite	Yamato Mountains
Yamato-791538	419.03	Ureilite	Yamato Mountains
Yamato-791839	5.8	Ureilite	Yamato Mountains
Yamato-792663	9.45	Ureilite	Yamato Mountains
Yamato-82100	12.36	Ureilite	Yamato Mountains
Yamato-8448	53.35	Ureilite	Yamato Mountains
Asuka-87031	15.21	Ureilite	Sør Rondane Mountains
Asuka-881931	153.62	Ureilite	Sør Rondane Mountains
Primitive Achondrites			
Yamato-75300	1.5	Primitive Achondrite	Yamato Mountains
Yamato-74025	14	Winonite	Yamato Mountains
Yamato-75305	2.06	Winonite	Yamato Mountains
Yamato-8005	29.02	Winonite	Yamato Mountains
Stony Irons			
Yamato-74357	13.8	Lodranite	Yamato Mountains
Yamato-75274	5.1	Lodranite	Yamato Mountains
Yamato-791491	31.6	Lodranite	Yamato Mountains
Yamato-791493	5.13	Lodranite	Yamato Mountains
Yamato-8002	2.27	Lodranite	Yamato Mountains
ALH-77219	316.84	Mesosiderite	Allan Hills, near western
Yamato-791853	1.38	Mesosiderite	Yamato Mountains
Asuka-87106	35.19	Mesosiderite	Sør Rondane Mountains
Asuka-882023	1115.45	Mesosiderite	Sør Rondane Mountains
Yamato-74044	51.8	Pallasite	Yamato Mountains
Yamato-8451	54.86	Pallasite	Yamato Mountains
Irons			
ALH-77255	367	Iron-Anomalous	Allan Hills, near western
Yamato-791694	70.89	Iron-Ataxite	Yamato Mountains
ALH-762	632	Iron-Group IA	Allan Hills, Main
ALH-77250	5420	Iron-Group IA	Allan Hills, Main
ALH-77263	779	Iron-Group IA	Allan Hills, Main
ALH-77283	4340	Iron-Group IA	Allan Hills, Main
ALH-77289	1012	Iron-Group IA	Allan Hills, Main
ALH-77290	1734	Iron-Group IA	Allan Hills, Main
PGP-77006	8160	Iron-Group IA	Purgatory Peak
ALH-78100	85	Iron-Group IIA	Allan Hills, Main
Yamato-75105	19.6	Iron-Group IIA	Yamato Mountains
DRP-78001	15200	Iron-Group IIB	Derrick Peak
DRP-78003	144.2	Iron-Group IIB	Derrick Peak
DRP-78007	11800	Iron-Group IIB	Derrick Peak
DRP-78008	26100	Iron-Group IIB	Derrick Peak
DRP-78009	67600	Iron-Group IIB	Derrick Peak
Yamato-790517	189.58	Iron-Group IIIA	Yamato Mountains
Yamato-75031	60.2	Iron	Yamato Mountains
Yamato-791076	331.8	Iron	Yamato Mountains
Yamato-791836	4.29	Iron	Yamato Mountains
Yamato-793598	138.23	Iron	Yamato Mountains

Sample number	Weight (g)	Classification	Icefield
Yamato-82003	1.38	Iron	Yamato Mountains
ALH-78252	1318	Iron-Group IVA	Allan Hills, Main

Carbonaceous Chondrites

Asuka-881655	36.64	Carbonaceous	Sør Rondane Mountains
Yamato-793277	2.23	Carbonaceous	Yamato Mountains
Yamato-793581	11.44	Carbonaceous	Yamato Mountains
Yamato-82162	41.73	Carbonaceous C1	Yamato Mountains
Yamato-86029	11.83	Carbonaceous C1	Yamato Mountains
Yamato-86737	2.81	Carbonaceous C1	Yamato Mountains
Yamato-74641	4.59	Carbonaceous CM2	Yamato Mountains
Yamato-74642	10.6	Carbonaceous CM2	Yamato Mountains
Yamato-74662	150.9	Carbonaceous CM2	Yamato Mountains
Yamato-75003	1.61	Carbonaceous CM2	Yamato Mountains
Yamato-75293	8.1	Carbonaceous CM2	Yamato Mountains
ALH-77306	9.64	Carbonaceous CM2	Allan Hills, Main
ALH-78261	2.43	Carbonaceous CM2	Allan Hills, Main
Yamato-790003	4.29	Carbonaceous CM2	Yamato Mountains
Yamato-790032	6.08	Carbonaceous CM2	Yamato Mountains
Yamato-790033	1.36	Carbonaceous CM2	Yamato Mountains
Yamato-790034	0.29	Carbonaceous CM2	Yamato Mountains
Yamato-790123	6.79	Carbonaceous CM2	Yamato Mountains
Yamato-791190	10.88	Carbonaceous CM2	Yamato Mountains
Yamato-791191	70.08	Carbonaceous CM2	Yamato Mountains
Yamato-791198	179.77	Carbonaceous CM2	Yamato Mountains
Yamato-791824	23.28	Carbonaceous CM2	Yamato Mountains
Yamato-792768		Carbonaceous CM2	Yamato Mountains
Yamato-793321	379.73	Carbonaceous CM2	Yamato Mountains
Yamato-793500	5.67	Carbonaceous CM2	Yamato Mountains
Yamato-793530	3.33	Carbonaceous CM2	Yamato Mountains
Yamato-793564	7.48	Carbonaceous CM2	Yamato Mountains
Yamato-793586	13.84	Carbonaceous CM2	Yamato Mountains
Yamato-793595	48.22	Carbonaceous CM2	Yamato Mountains
Yamato-793601	13.49	Carbonaceous CM2	Yamato Mountains
Yamato-794019	1.47	Carbonaceous CM2	Yamato Mountains
Yamato-794074	8.13	Carbonaceous CM2	Yamato Mountains
Yamato-794077	7.38	Carbonaceous CM2	Yamato Mountains
Yamato-794078	16.53	Carbonaceous CM2	Yamato Mountains
Yamato-794079	3.72	Carbonaceous CM2	Yamato Mountains
Yamato-794080	21.11	Carbonaceous CM2	Yamato Mountains
Yamato-794081	11.91	Carbonaceous CM2	Yamato Mountains
Yamato-794082	1.88	Carbonaceous CM2	Yamato Mountains
Yamato-794083	8.18	Carbonaceous CM2	Yamato Mountains
Belgica-7904	1234	Carbonaceous CM2	Belgica Mountains
Yamato-81010	1.27	Carbonaceous CM2	Yamato Mountains
Yamato-82042	37.08	Carbonaceous CM2	Yamato Mountains
Yamato-82054	76.34	Carbonaceous CM2	Yamato Mountains
Yamato-82090	3.31	Carbonaceous CM2	Yamato Mountains
Yamato-82098	94.48	Carbonaceous CM2	Yamato Mountains
Yamato-82099	4.93	Carbonaceous CM2	Yamato Mountains
Yamato-8403	2.51	Carbonaceous CM2	Yamato Mountains
Yamato-8412	5.63	Carbonaceous CM2	Yamato Mountains
Yamato-8452	3.29	Carbonaceous CM2	Yamato Mountains
Yamato-86015	4.64	Carbonaceous CM2	Yamato Mountains
Yamato-86034	0.65	Carbonaceous CM2	Yamato Mountains
Yamato-86039	9.32	Carbonaceous CM2	Yamato Mountains
Yamato-86686	26.99	Carbonaceous CM2	Yamato Mountains
Yamato-86687	0.97	Carbonaceous CM2	Yamato Mountains
Yamato-86688	0.66	Carbonaceous CM2	Yamato Mountains
Yamato-86690	9.5	Carbonaceous CM2	Yamato Mountains
Yamato-86693	16.17	Carbonaceous CM2	Yamato Mountains
Yamato-86694	4.91	Carbonaceous CM2	Yamato Mountains
Yamato-86695	59.59	Carbonaceous CM2	Yamato Mountains
Yamato-86696	12.34	Carbonaceous CM2	Yamato Mountains
Yamato-86697	6.35	Carbonaceous CM2	Yamato Mountains
Yamato-86698	6.12	Carbonaceous CM2	Yamato Mountains
Yamato-86699	6.5	Carbonaceous CM2	Yamato Mountains
Yamato-86700	6.56	Carbonaceous CM2	Yamato Mountains
Yamato-86701	4.46	Carbonaceous CM2	Yamato Mountains
Yamato-86702	3.2	Carbonaceous CM2	Yamato Mountains
Yamato-86703	1.69	Carbonaceous CM2	Yamato Mountains
Yamato-86704	1.49	Carbonaceous CM2	Yamato Mountains
Yamato-86716	1.61	Carbonaceous CM2	Yamato Mountains
Yamato-86720	858.71	Carbonaceous CM2	Yamato Mountains
Yamato-86736	3.09	Carbonaceous CM2	Yamato Mountains
Asuka-881280	48.47	Carbonaceous CM2	Sør Rondane Mountains
Asuka-881334	34.05	Carbonaceous CM2	Sør Rondane Mountains
Asuka-881458	56.84	Carbonaceous CM2	Sør Rondane Mountains
Asuka-881594	35.74	Carbonaceous CM2	Sør Rondane Mountains
Asuka-881955	40	Carbonaceous CM2	Sør Rondane Mountains
Yamato-74135	7.75	Carbonaceous CO3	Yamato Mountains
ALH-77003	381.06	Carbonaceous CO3	Allan Hills, Main

Sample number	Weight (g)	Classification	Icefield
ALH-77307	85.59	Carbonaceous CO3	Allan Hills, Main
Yamato-790992	162.99	Carbonaceous CO3	Yamato Mountains
Yamato-791131	1.66	Carbonaceous CO3	Yamato Mountains
Yamato-791433	3.13	Carbonaceous CO3	Yamato Mountains
Yamato-791717	25322	Carbonaceous CO3	Yamato Mountains
Yamato-791745	17.62	Carbonaceous CO3	Yamato Mountains
Yamato-791746	8.59	Carbonaceous CO3	Yamato Mountains
Yamato-791748	8.33	Carbonaceous CO3	Yamato Mountains
Yamato-794088	3.76	Carbonaceous CO3	Yamato Mountains
Yamato-81002	3.73	Carbonaceous CO3	Yamato Mountains
Yamato-81020	270.34	Carbonaceous CO3	Yamato Mountains
Yamato-81021	7.78	Carbonaceous CO3	Yamato Mountains
Yamato-81022	3.12	Carbonaceous CO3	Yamato Mountains
Yamato-81023	9.58	Carbonaceous CO3	Yamato Mountains
Yamato-81024	31.43	Carbonaceous CO3	Yamato Mountains
Yamato-81025	55.4	Carbonaceous CO3	Yamato Mountains
Yamato-81067	11.87	Carbonaceous CO3	Yamato Mountains
Yamato-81068	1.65	Carbonaceous CO3	Yamato Mountains
Yamato-82004	2.48	Carbonaceous CO3	Yamato Mountains
Yamato-82050	1906.61	Carbonaceous CO3	Yamato Mountains
Yamato-82094	216.59	Carbonaceous CO3	Yamato Mountains
Yamato-8339	1.34	Carbonaceous CO3	Yamato Mountains
Asuka-881535	1.58	Carbonaceous CO3	Sør Rondane Mountains
Asuka-881632	138.11	Carbonaceous CO3	Sør Rondane Mountains
Asuka-882094	112.89	Carbonaceous CO3	Sør Rondane Mountains
Yamato-790112	23.97	Carbonaceous CR2	Yamato Mountains
Yamato-791498	3.11	Carbonaceous CR2	Yamato Mountains
Yamato-792518	0.87	Carbonaceous CR2	Yamato Mountains
Yamato-793261	3.67	Carbonaceous CR2	Yamato Mountains
Yamato-793495	45.01	Carbonaceous CR2	Yamato Mountains
Yamato-8449	14.5	Carbonaceous CR2	Yamato Mountains
Asuka-881595	126.59	Carbonaceous CR2	Sør Rondane Mountains
Yamato-75260	4	Carbonaceous CV3	Yamato Mountains
Yamato-791601	2.06	Carbonaceous CV3	Yamato Mountains
Yamato-86009	60.69	Carbonaceous CV3	Yamato Mountains
Yamato-86751	197.26	Carbonaceous CV3	Yamato Mountains
Yamato-86752	10.27	Carbonaceous CV3	Yamato Mountains
Yamato-693	150	Carbonaceous C4	Yamato Mountains
Yamato-86633	3.96	Carbonaceous C4	Yamato Mountains
Asuka-882113	53.98	Carbonaceous C4	Sør Rondane Mountains
Yamato-82102	316.18	Carbonaceous C5	Yamato Mountains
Yamato-82103	87.7	Carbonaceous C5	Yamato Mountains
Yamato-82104	9.83	Carbonaceous C5	Yamato Mountains
Yamato-82105	45.4	Carbonaceous C5	Yamato Mountains
Yamato-82191	147.52	Carbonaceous C6	Yamato Mountains
Yamato-86028	3.92	Carbonaceous C6	Yamato Mountains
Asuka-881551	162.48	Carbonaceous C6	Sør Rondane Mountains
Enstatite Chondrites			
Yamato-790490	1.18	E Chondrite	Yamato Mountains
Yamato-791790	31.64	E3 Chondrite	Yamato Mountains
Yamato-791854	0.87	E3 Chondrite	Yamato Mountains
Yamato-792959	36.35	E3 Chondrite	Yamato Mountains
Yamato-792960	17.66	E3 Chondrite	Yamato Mountains
Yamato-792961	9.53	E3 Chondrite	Yamato Mountains
Yamato-792962	5.89	E3 Chondrite	Yamato Mountains
Yamato-792963	5.86	E3 Chondrite	Yamato Mountains
Yamato-792964	4.42	E3 Chondrite	Yamato Mountains
Yamato-792965	5.16	E3 Chondrite	Yamato Mountains
Yamato-792966	3.65	E3 Chondrite	Yamato Mountains
Yamato-792975	3.31	E3 Chondrite	Yamato Mountains
Yamato-792979	3.24	E3 Chondrite	Yamato Mountains
Yamato-792995	2.16	E3 Chondrite	Yamato Mountains
Yamato-793161	37.55	E3 Chondrite	Yamato Mountains
Yamato-793433	3.08	E3 Chondrite	Yamato Mountains
Yamato-791810	39.64	E4 Chondrite	Yamato Mountains
Yamato-791811	30.05	E4 Chondrite	Yamato Mountains
Yamato-793246	6.85	E4 Chondrite	Yamato Mountains
Yamato-8414	68.58	E4 Chondrite	Yamato Mountains
Yamato-74168	1.59	E5 Chondrite	Yamato Mountains
Yamato-8404	10.7	E5 Chondrite	Yamato Mountains
Yamato-8405	3.38	E5 Chondrite	Yamato Mountains
Yamato-8406	0.12	E5 Chondrite	Yamato Mountains
Yamato-8407	0.38	E5 Chondrite	Yamato Mountains
Yamato-8408	0.02	E5 Chondrite	Yamato Mountains
Yamato-86760	7.17	E5 Chondrite	Yamato Mountains
Yamato-75261	0.59	E6 Chondrite	Yamato Mountains
Yamato-793225	75.61	E6 Chondrite	Yamato Mountains
Yamato-793258	8.19	E6 Chondrite	Yamato Mountains
Yamato-82189	43.59	E6 Chondrite	Yamato Mountains
Yamato-86004	62.78	E6 Chondrite	Yamato Mountains
Asuka-881828	32.84	E6 Chondrite	Sør Rondane Mountains

Sample number	Weight (g)	Classification	Icefield
Yamato-691	715	EH3 Chondrite	Yamato Mountains
Yamato-74370	42.1	EH4 Chondrite	Yamato Mountains
ALH-77156	8.47	EH4 Chondrite	Allan Hills, Main
ALH-77295	72.54	EH4 Chondrite	Allan Hills, near western
Unequilibrated Ordinary Chondrites			
ALH-77299	114.99	H3 Chondrite	Allan Hills, Main
ALH-78056	10.61	H3 Chondrite	Allan Hills, Main
ALH-78084	6588	H3 Chondrite	Allan Hills, Main
ALH-78108	83.8	H3 Chondrite	Allan Hills, Main
ALH-78170	8.7	H3 Chondrite	Allan Hills, Main
Yamato-793310	1.71	H3 Chondrite	Yamato Mountains
Asuka-882004	375.5	H3 Chondrite	Sør Rondane Mountains
Asuka-9007	94.26	H3 Chondrite	Sør Rondane Mountains
Yamato-74142	29.5	H3 Chondrite	Yamato Mountains
Yamato-74166	1.4	H3 Chondrite	Yamato Mountains
Yamato-74167	2.1	H3 Chondrite	Yamato Mountains
Yamato-75027	0.17	H3 Chondrite	Yamato Mountains
Yamato-75028	6100	H3 Chondrite	Yamato Mountains
Yamato-75029	83.9	H3 Chondrite	Yamato Mountains
Yamato-790138	39.32	H3 Chondrite	Yamato Mountains
Yamato-790167	18.75	H3 Chondrite	Yamato Mountains
Yamato-790333	17.73	H3 Chondrite	Yamato Mountains
Yamato-790334	15.22	H3 Chondrite	Yamato Mountains
Yamato-790380	4.43	H3 Chondrite	Yamato Mountains
Yamato-790443	19.49	H3 Chondrite	Yamato Mountains
Yamato-790460	586	H3 Chondrite	Yamato Mountains
Yamato-790491	15.81	H3 Chondrite	Yamato Mountains
Yamato-790747	10.31	H3 Chondrite	Yamato Mountains
Yamato-791052	4.55	H3 Chondrite	Yamato Mountains
Yamato-791057	66.68	H3 Chondrite	Yamato Mountains
Yamato-791087	579.84	H3 Chondrite	Yamato Mountains
Yamato-791113	13.12	H3 Chondrite	Yamato Mountains
Yamato-791148	58.36	H3 Chondrite	Yamato Mountains
Yamato-791325	9.02	H3 Chondrite	Yamato Mountains
Yamato-791338	1.46	H3 Chondrite	Yamato Mountains
Yamato-791340	34.2	H3 Chondrite	Yamato Mountains
Yamato-791354	5.2	H3 Chondrite	Yamato Mountains
Yamato-791370	9.07	H3 Chondrite	Yamato Mountains
Yamato-791377	4.74	H3 Chondrite	Yamato Mountains
Yamato-791387	3.92	H3 Chondrite	Yamato Mountains
Yamato-791428	548.94	H3 Chondrite	Yamato Mountains
Yamato-791472	7	H3 Chondrite	Yamato Mountains
Yamato-791537	66.18	H3 Chondrite	Yamato Mountains
Yamato-791640	8.69	H3 Chondrite	Yamato Mountains
Yamato-791856	26.11	H3 Chondrite	Yamato Mountains
Yamato-792675	6.53	H3 Chondrite	Yamato Mountains
Yamato-792915	0.37	H3 Chondrite	Yamato Mountains
Yamato-792927	25.84	H3 Chondrite	Yamato Mountains
Yamato-792947	233.4	H3 Chondrite	Yamato Mountains
Yamato-792955	1.13	H3 Chondrite	Yamato Mountains
Yamato-793268	2.1	H3 Chondrite	Yamato Mountains
Yamato-793275	52.61	H3 Chondrite	Yamato Mountains
Yamato-793303	3.51	H3 Chondrite	Yamato Mountains
Yamato-793326	7.43	H3 Chondrite	Yamato Mountains
Yamato-793371	4.84	H3 Chondrite	Yamato Mountains
Yamato-793381	5.55	H3 Chondrite	Yamato Mountains
Yamato-793574	88.35	H3 Chondrite	Yamato Mountains
Yamato-794007	78.76	H3 Chondrite	Yamato Mountains
Yamato-794008	19.82	H3 Chondrite	Yamato Mountains
Yamato-794009	54.19	H3 Chondrite	Yamato Mountains
Yamato-794011	19	H3 Chondrite	Yamato Mountains
Yamato-794064	43.21	H3 Chondrite	Yamato Mountains
Yamato-81015	55.78	H3 Chondrite	Yamato Mountains
Yamato-81066	2.21	H3 Chondrite	Yamato Mountains
Yamato-82038	199.9	H3 Chondrite	Yamato Mountains
Yamato-82205	8.09	H3 Chondrite	Yamato Mountains
Yamato-82208	5.31	H3 Chondrite	Yamato Mountains
Yamato-8334	0.55	H3 Chondrite	Yamato Mountains
Yamato-8454	13.13	H3 Chondrite	Yamato Mountains
Yamato-790344	5.26	H3,4 Chondrite	Yamato Mountains
Yamato-790461	778.9	H3,4 Chondrite	Yamato Mountains
Yamato-790962	0.92	H3,4 Chondrite	Yamato Mountains
Yamato-790963	40.32	H3,4 Chondrite	Yamato Mountains
Yamato-791500	1252	H3,4 Chondrite	Yamato Mountains
Yamato-791502	131.02	H3,4 Chondrite	Yamato Mountains
ALH-77035	1.67	L?3 Chondrite	Allan Hills, Main
Yamato-791399	0.95	L-LL3 Chondrite	Yamato Mountains
ALH-77011	127.68	L3 Chondrite	Allan Hills, Main
ALH-77013	11.46	L3 Chondrite	Allan Hills, Main
ALH-77015	208.49	L3 Chondrite	Allan Hills, Main
ALH-77032	6.74	L3 Chondrite	Allan Hills, Main

Sample number	Weight (g)	Classification	Icefield
ALH-77033	4.79	L3 Chondrite	Allan Hills, Main
ALH-77040	2.3	L3 Chondrite	Allan Hills, Main
ALH-77047	10.08	L3 Chondrite	Allan Hills, Main
ALH-77048	14.93	L3 Chondrite	Allan Hills, Main
ALH-77050	42.16	L3 Chondrite	Allan Hills, Main
ALH-77052	56.69	L3 Chondrite	Allan Hills, Main
ALH-77075	1.2	L3 Chondrite	Allan Hills, Main
ALH-77080	1.14	L3 Chondrite	Allan Hills, Main
ALH-77115	72.03	L3 Chondrite	Allan Hills, Main
ALH-77140	38.97	L3 Chondrite	Allan Hills, Main
ALH-77160	35.65	L3 Chondrite	Allan Hills, Main
ALH-77163	12.17	L3 Chondrite	Allan Hills, Main
ALH-77164	18.23	L3 Chondrite	Allan Hills, Main
ALH-77165	14.71	L3 Chondrite	Allan Hills, Main
ALH-77166	69.38	L3 Chondrite	Allan Hills, Main
ALH-77167	306.65	L3 Chondrite	Allan Hills, Main
ALH-77175	11.14	L3 Chondrite	Allan Hills, Main
ALH-77176	27.14	L3 Chondrite	Allan Hills, Main
ALH-77185	13.78	L3 Chondrite	Allan Hills, Main
ALH-77197	9.83	L3 Chondrite	Allan Hills, Main
ALH-77211	14.56	L3 Chondrite	Allan Hills, Main
ALH-77214	1021.21	L3 Chondrite	Allan Hills, Main
ALH-77215	402.2	L3 Chondrite	Allan Hills, Main
ALH-77216	732.67	L3 Chondrite	Allan Hills, Main
ALH-77217	204.77	L3 Chondrite	Allan Hills, Main
ALH-77241	72.33	L3 Chondrite	Allan Hills, Main
ALH-77244	18.92	L3 Chondrite	Allan Hills, Main
ALH-77249	257.05	L3 Chondrite	Allan Hills, Main
ALH-77252	171.43	L3 Chondrite	Allan Hills, Main
ALH-77260	412.31	L3 Chondrite	Allan Hills, Main
ALH-77303	34.75	L3 Chondrite	Allan Hills, Main
ALH-78014	6.95	L3 Chondrite	Allan Hills, Main
ALH-78038	179.88	L3 Chondrite	Allan Hills, Main
ALH-78041	57.72	L3 Chondrite	Allan Hills, Main
ALH-78046	31.5	L3 Chondrite	Allan Hills, Main
ALH-78119	50.81	L3 Chondrite	Allan Hills, Main
ALH-78133	28.49	L3 Chondrite	Allan Hills, Main
ALH-78149	12.58	L3 Chondrite	Allan Hills, Main
ALH-78162	16.27	L3 Chondrite	Allan Hills, Main
ALH-78235	9.02	L3 Chondrite	Allan Hills, Main
ALH-78237	13.27	L3 Chondrite	Allan Hills, Main
ALH-78239	8.61	L3 Chondrite	Allan Hills, Main
ALH-78250	2.87	L3 Chondrite	Allan Hills, Main
ALH-78011	4.84	L3 Chondrite	Allan Hills, Main
Yamato-74024	50	L3 Chondrite	Yamato Mountains
Yamato-74033	2.9	L3 Chondrite	Yamato Mountains
Yamato-74191	1091.6	L3 Chondrite	Yamato Mountains
Yamato-74417	44.5	L3 Chondrite	Yamato Mountains
Yamato-74441	27.4	L3 Chondrite	Yamato Mountains
Yamato-75016	1.49	L3 Chondrite	Yamato Mountains
Yamato-75103	0.71	L3 Chondrite	Yamato Mountains
Yamato-790770	21.2	L3 Chondrite	Yamato Mountains
Yamato-790787	46.08	L3 Chondrite	Yamato Mountains
Yamato-790994	49.45	L3 Chondrite	Yamato Mountains
Yamato-791352	3.86	L3 Chondrite	Yamato Mountains
Yamato-791366	23.04	L3 Chondrite	Yamato Mountains
Yamato-791429	223.53	L3 Chondrite	Yamato Mountains
Yamato-791657	1.53	L3 Chondrite	Yamato Mountains
Yamato-791828	841	L3 Chondrite	Yamato Mountains
Yamato-791835	23.8	L3 Chondrite	Yamato Mountains
Yamato-791843	7.55	L3 Chondrite	Yamato Mountains
Yamato-791961	1387	L3 Chondrite	Yamato Mountains
Yamato-792670	119.36	L3 Chondrite	Yamato Mountains
Yamato-793255	29.88	L3 Chondrite	Yamato Mountains
Yamato-793272	95.96	L3 Chondrite	Yamato Mountains
Yamato-793307	1.81	L3 Chondrite	Yamato Mountains
Yamato-793325	41.69	L3 Chondrite	Yamato Mountains
Yamato-793369	43.63	L3 Chondrite	Yamato Mountains
Yamato-793370	22.28	L3 Chondrite	Yamato Mountains
Yamato-793374	206.91	L3 Chondrite	Yamato Mountains
Yamato-793375	4864	L3 Chondrite	Yamato Mountains
Yamato-793382	5.67	L3 Chondrite	Yamato Mountains
Yamato-793396	364.11	L3 Chondrite	Yamato Mountains
Yamato-793408	1140	L3 Chondrite	Yamato Mountains
Yamato-793494	2.12	L3 Chondrite	Yamato Mountains
Yamato-793566	3.68	L3 Chondrite	Yamato Mountains
Yamato-793567	700	L3 Chondrite	Yamato Mountains
Yamato-793571	25.95	L3 Chondrite	Yamato Mountains
Yamato-793572	7.18	L3 Chondrite	Yamato Mountains
Yamato-793573	14.21	L3 Chondrite	Yamato Mountains
Yamato-793576	1.38	L3 Chondrite	Yamato Mountains
Yamato-793578	3.48	L3 Chondrite	Yamato Mountains
Yamato-8014	13.89	L3 Chondrite	Yamato Mountains

Sample number	Weight (g)	Classification	Icefield
Yamato-82006	5.35	L3 Chondrite	Yamato Mountains
Yamato-82048	1.59	L3 Chondrite	Yamato Mountains
Yamato-82055	946.75	L3 Chondrite	Yamato Mountains
Yamato-82056	913.79	L3 Chondrite	Yamato Mountains
Yamato-82058	127.95	L3 Chondrite	Yamato Mountains
Yamato-82059	136.7	L3 Chondrite	Yamato Mountains
Yamato-82095	710.18	L3 Chondrite	Yamato Mountains
Yamato-82096	168.51	L3 Chondrite	Yamato Mountains
Yamato-82151	5.83	L3 Chondrite	Yamato Mountains
Yamato-8340	11.43	L3 Chondrite	Yamato Mountains
Yamato-8341	1.94	L3 Chondrite	Yamato Mountains
Yamato-8411	68.84	L3 Chondrite	Yamato Mountains
Yamato-8417	8.18	L3 Chondrite	Yamato Mountains
Yamato-86047	1.54	L3 Chondrite	Yamato Mountains
Yamato-86055	137.49	L3 Chondrite	Yamato Mountains
Yamato-86631	33.94	L3 Chondrite	Yamato Mountains
Yamato-86632	96.59	L3 Chondrite	Yamato Mountains
Yamato-86705	202.69	L3 Chondrite	Yamato Mountains
Yamato-86706	42.03	L3 Chondrite	Yamato Mountains
Yamato-86712	723.55	L3 Chondrite	Yamato Mountains
Yamato-791014	6.4	L3,4 Condrite	Yamato Mountains
Yamato-791168	10.11	L3,4 Chondrite	Yamato Mountains
ALH-764	157.4	LL3 Chondrite	Allan Hills, Main
ALH-77132	54.27	LL3 Chondrite	Allan Hills, Main
ALH-77278	127.72	LL3 Chondrite	Allan Hills, Main
ALH-77304	334.26	LL3 Chondrite	Allan Hills, Main
ALH-78015	17.04	LL3 Chondrite	Allan Hills, Main
ALH-78143	2.23	LL3 Chondrite	Allan Hills, Main
Yamato-74171	4.65	LL3 Chondrite	Yamato Mountains
Yamato-74660	27.2	LL3 Chondrite	Yamato Mountains
Yamato-75106	15.8	LL3 Chondrite	Yamato Mountains
Yamato-75273	4.92	LL3 Chondrite	Yamato Mountains
Yamato-790448	3480	LL3 Chondrite	Yamato Mountains
Yamato-791324	20.67	LL3 Chondrite	Yamato Mountains
Yamato-791558	101.64	LL3 Chondrite	Yamato Mountains
Yamato-791656	9.96	LL3 Chondrite	Yamato Mountains
Yamato-792930	2.53	LL3 Chondrite	Yamato Mountains
Yamato-793565	16.24	LL3 Chondrite	Yamato Mountains
Yamato-793596	62.93	LL3 Chondrite	Yamato Mountains
Yamato-82007	12.03	LL3 Chondrite	Yamato Mountains
Yamato-82033	21.06	LL3 Chondrite	Yamato Mountains
Yamato-82108	0.26	LL3 Chondrite	Yamato Mountains
Yamato-82179	56.02	LL3 Chondrite	Yamato Mountains
Yamato-82195	25.24	LL3 Chondrite	Yamato Mountains
Yamato-86711	37.05	LL3 Chondrite	Yamato Mountains
Asuka-9043	134.92	Type 3 Chondrite	Sør Rondane Mountains
Asuka-9046	45.86	Type 3 Chondrite	Sør Rondane Mountains
Yamato-793384	12.19	Type 3 Chondrite	Yamato Mountains

Type 7 Ordinary Chondrites

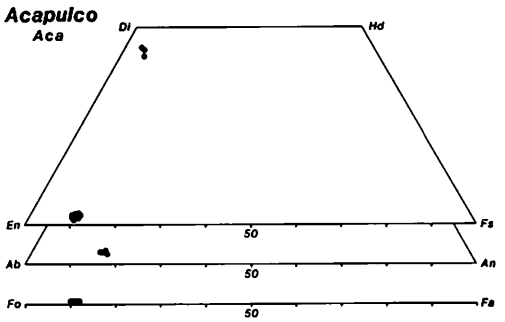
Yamato-75008	1.3	H7 Chondrite	Yamato Mountains
Yamato-790120	2.82	H7 Chondrite	Yamato Mountains
Yamato-790960	20.82	H7 Chondrite	Yamato Mountains
Yamato-82088	2.38	L7 Chondrite	Yamato Mountains
Yamato-74160	31.4	LL7 Chondrite	Yamato Mountains
Yamato-790144	92.32	LL7 Chondrite	Yamato Mountains
Yamato-82067	14.68	LL7 Chondrite	Yamato Mountains

Unique Meteorites

Yamato-74359	1.53	Unique	Yamato Mountains
Yamato-74360	3.29	Unique	Yamato Mountains
Yamato-75302	3.62	Unique	Yamato Mountains
Yamato-790132	4.54	Unique	Yamato Mountains
Yamato-791058	19.46	Unique	Yamato Mountains
Yamato-791827	9.02	Unique	Yamato Mountains
Yamato-793575	25	Unique	Yamato Mountains
Yamato-82001	0.63	Unique	Yamato Mountains
Yamato-82002	6.99	Unique	Yamato Mountains
Yamato-8307	3.37	Unique	Yamato Mountains
Asuka-881988	171.9	Unique	Sør Rondane Mountains
Yamato-74063	35.41	Unique(G)	Yamato Mountains
ALH-77081	4.24	Unique(G)	Allan Hills, Main
ALH-78230	3.87	Unique(G)	Allan Hills, Main

APPENDIX I

DIAGRAMS SHOWING THE CHEMICAL COMPOSITIONS OF OLIVINES, PYROXENES AND PLAGIOCLASES OF SOME NON-ANTARCTIC METEORITES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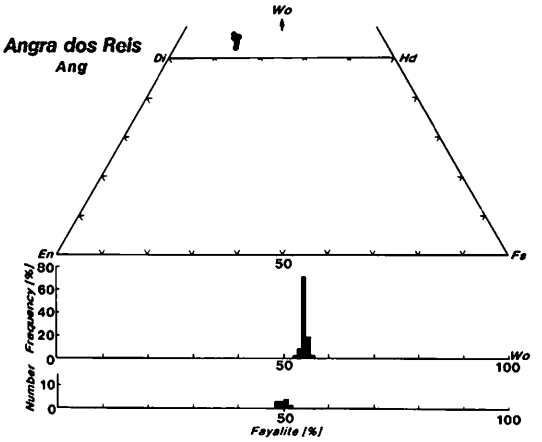
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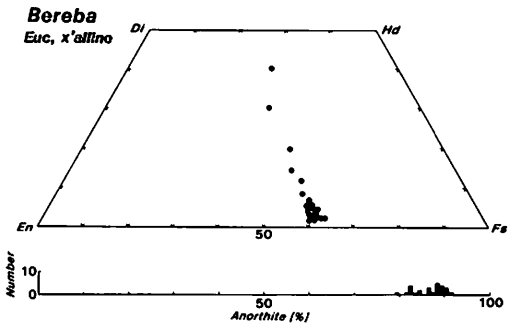
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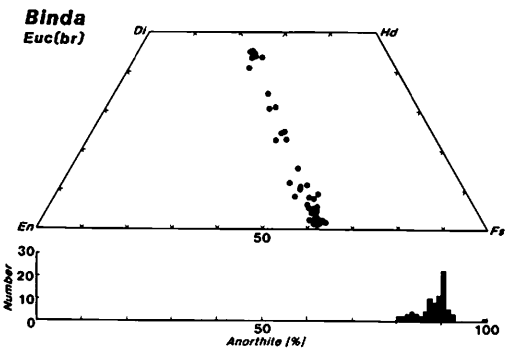
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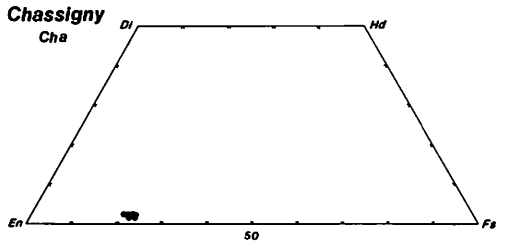
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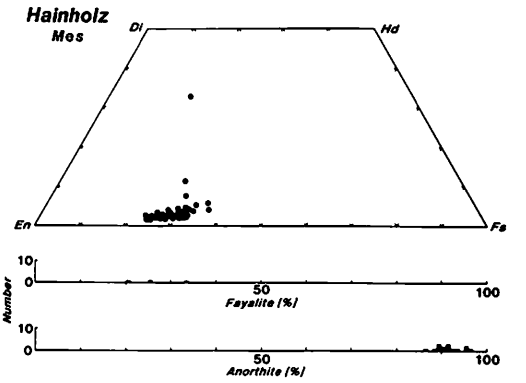
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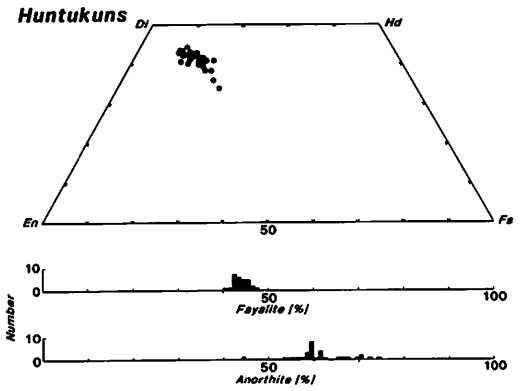
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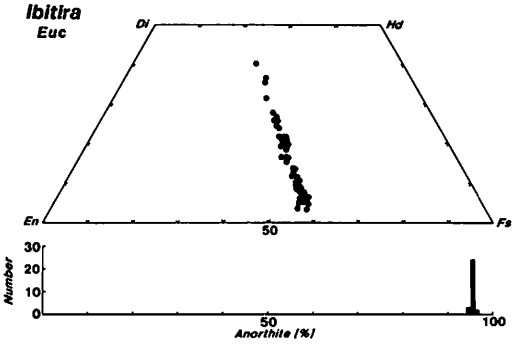
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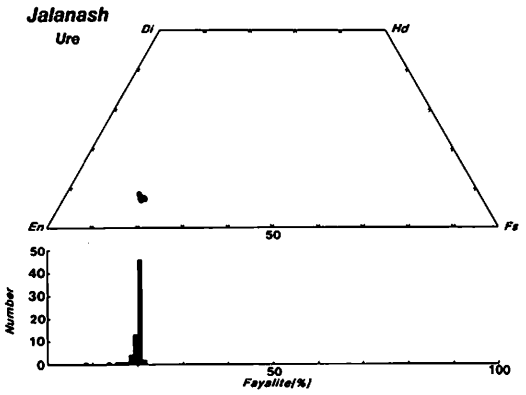
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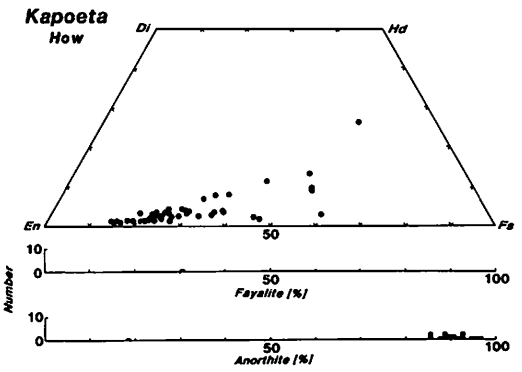
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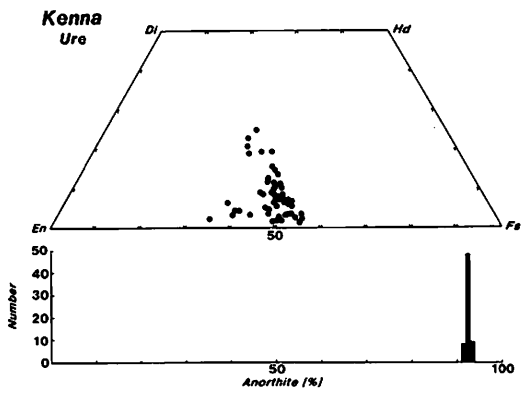
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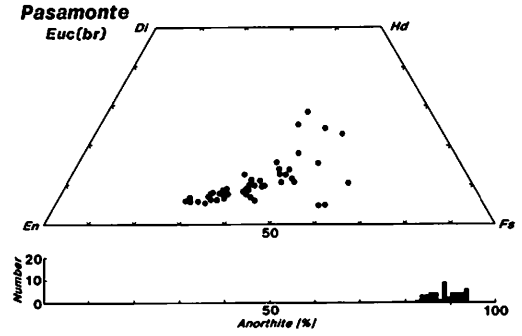
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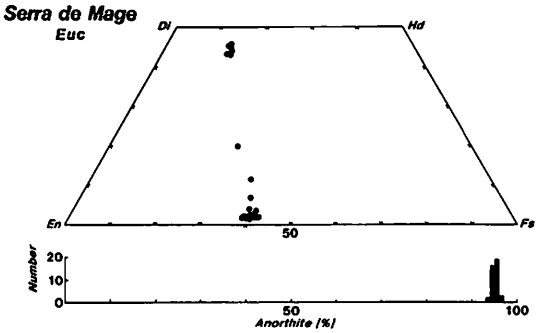
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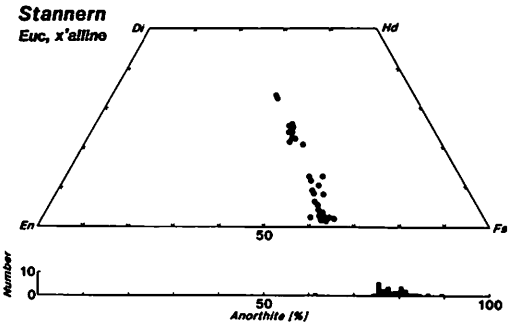
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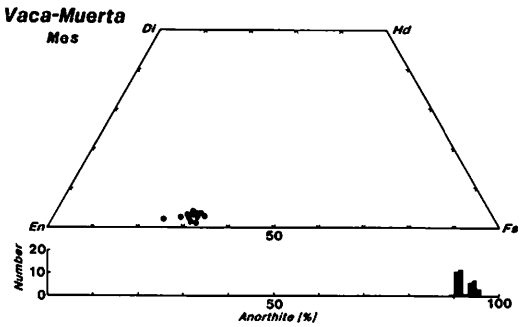
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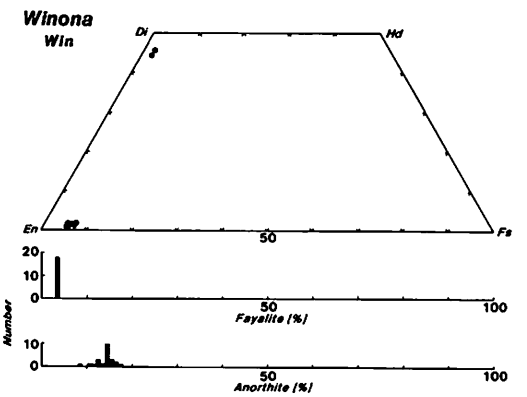
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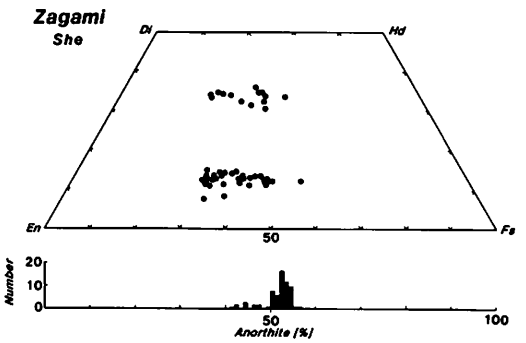
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APPENDIX II

CHEMICAL COMPOSITIONS OF SOME NON-ANTARCTIC METEORITES

	Acapulco	Allende	Angra dos Reis	Bereba	Binda	Canon Diablo	Dhajara	Ibitira
	E-H	CV3	Ang	Euc	Euc	IA	H3	Euc
SiO2	37.75	33.80	43.22	48.28	47.28	Si<0.005	34.11	47.41
TiO2	0.07	0.17	2.33	0.90	0.75	Ti tr.	0.08	0.86
Al2O3	2.06	3.71	8.92	13.18	14.02		1.85	11.60
Fe2O3	1.82	0	2.05	0.0	0		0.55	2.99
FeO	5.69	25.66	8.67	17.51	17.50		11.44	17.73
MnO	0.39	0.20	0.13	0.54	0.48	Mn tr.	0.31	0.54
MgO	26.83	26.03	10.54	7.12	7.31		22.64	7.56
CaO	1.94	2.49	23.66	11.53	11.90		1.57	10.72
Na2O	0.86	0.43	0.06	0.46	0.06		0.65	0.14
K2O	0.06	0.04	(<0.02)	0.07	0.04		0.07	0.02
H2O(-)	0.00	0.00	0.00	0.00	0.00		0.00	0.00
H2O(+)	0.1	<0.1	0.1	0.1	0.0		0.0	0.1
P2O5	0.37	0.23	0.09	0.13	0.15	P 0.21	0.10	0.15
Cr2O3	0.45	0.53	0.20	0.18	0.18	Cr tr.	0.42	0.29
NiO%(ppm)						Cu tr.		
						Zn tr.		
FeS	5.79	5.57		0.67	0.95		9.59	
Fe	14.48	0.00				92.2	15.48	
Ni%,(ppm)	1.31	1.39	(260)	(17)	(22)	7.13	1.61	(44)
Co%,(ppm)	0.107	0.069	(<30)	(<30)	(<30)	0.28	0.072	(<30)
S			0.53			0.045		0.39
Total	100.07	100.41	100.52	100.67	100.62	99.86	100.54	100.50
Total Fe	23.86	23.49	8.17	14.04	14.20		30.84	15.87

	Jalanash	Jilin	Johnstown	Juvinas	Kokubunji	Mino	Mocs	Odessa
	Ure	H5	Dio	Euc	L6	H3-4	L6	IA
SiO2	39.38	34.40	51.94	48.27	39.08	34.61	38.40	Si<0.005
TiO2	0.08	0.08	0.12	0.92	0.11	0.09	0.10	Ti tr.
Al2O3	0.86	1.86	1.89	13.01	1.59	2.29	2.20	
Fe2O3	0	0	0.89	0.23	0	4.01	0	
FeO	16.17	10.03	15.12	17.85	16.01	6.78	15.10	
MnO	0.48	0.38	0.39	0.52	0.46	0.26	0.38	Mn tr.
MgO	38.27	22.46	27.41	7.17	26.13	23.18	25.70	
CaO	0.82	1.62	1.49	11.07	1.80	1.46	1.73	
Na2O	0.09	0.64	0.06	0.49	0.80	0.70	0.69	
K2O	<0.02	0.08	0.02	0.07	0.08	0.07	0.07	
H2O(-)	0.00	0.00	0.00	0.00	0.00	0.07	0.00	
H2O(+)	0.0	0.0	0.1	0.1	0.0	0.5	0.0	
P2O5	0.05	0.08	0.07	0.13	0.19	0.30	0.19	P 0.18
Cr2O3	0.73	0.41	0.39	0.18	0.49	0.35	0.45	Cr tr.
NiO%(ppm)								Cu tr.
								Zn tr.
FeS	0.77	5.57	0.56	0.44	6.03	6.45	6.13	
Fe	2.08	21.04			6.68	16.81	7.54	92.0
Ni%,(ppm)	0.11	1.83	(25)	(18)	1.05	1.93	1.32	7.40
Co%,(ppm)	(<30)	0.111	(<30)	(<30)	0.051	0.101	0.046	0.29
S								0.045
Total	99.91	100.59	100.45	100.45	100.55	99.96	100.04	99.91
Total Fe	15.14	32.38	12.73	14.31	22.95	28.98	23.16	

	Qingzhen	Serrra de Mage	Shirahagi	Stannern	Tahara	Tauti	Tugalin	Bulen	Zagami
	E3	Euc	IVA	Euc	H4-5	L6		H6	She
SiO2	34.17	47.50	Si<0.005	48.37	36.77	38.32		35.56	50.52
TiO2	0.09	0.19	Ti tr.	1.05	0.07	0.11		0.09	0.84
Al2O3	2.55	16.93		12.93	1.63	2.26		1.73	6.27
Fe2O3	0	1.27		0.0	0.29	0		0	0
FeO	3.18	12.35		17.48	10.62	14.98		13.18	18.03
MnO	0.33	0.41	Mn tr.	0.52	0.31	0.45		0.36	0.44
MgO	18.03	10.10		7.03	24.67	25.72		24.81	12.14
CaO	1.14	10.85		11.46	1.68	1.54		1.57	9.57
Na2O	0.60	0.19		0.45	0.77	0.74		0.75	0.13
K2O	0.07	0.02		0.06	0.08	0.08		0.08	0.08
H2O(-)	0.00	0.00		0.00	0.00	0.00		0.00	0.00
H2O(+)	0.6	0.1		0.2	0.0	0.0		0.0	0.0
P2O5	0.11	0.19	P 0.034	0.15	0.22	0.22		0.07	0.46
Cr2O3	0.37	0.35	Cr 0.008	0.18	0.33	0.48		0.52	0.15
NiO%(ppm)			Cu tr.						
			Zn tr.						
FeS	14.64			0.67	6.34	6.48		3.58	1.58
Fe	22.01		91.6		15.18	7.18		16.60	
Ni%,(ppm)	2	(84)	7.92	(15)	1.41	1.21		1.63	(26)
Co%,(ppm)	0.090	(<30)	0.26	(<30)	0.081	0.050		0.032	(<30)
S		0.20	0.072						
Total	99.98	100.65	99.89	100.55	100.45	99.82		100.56	100.21
Total Fe	33.78	10.49		14.02	27.66	22.94		29.11	10.55

APPENDIX III

CATALOG OF SOME NON-ANTARCTIC METEORITES, TEKTITES AND RELATED MATERIALS IN NIPR COLLECTIONS

class and types: see Table 3

Iron meteorites: I, IA, IB, IC, IIA, IIB, IID, IIE, IIIA, IIIB, IIICD, IIIE, IIIF, IVA, IVB

Meteorite Name	Weight (g)	Class	Comments
Abajo	11.6	H5	
Abbott	10.0	H6	
Abee	8.5	E4	
Abernathy	40.6	L6	
Acapulco	1.0	Aca	
Achilles	15.4	H5	
Acme	32.0	H5	
Adams County	8.0	H5	brecciated
Admire	303.0	Pal	
Adrian	8.5	H4	
Agen	47.0	H5	
Aguas Calientes	3.1	H	
Ahumada	50.5	Pal	
Air	12.8	L6	
Akron (1961)	12.8	L6	
Alamogordo	46.6	H5	
Albin	11.4	Pal	
Alfianello	12.5	L6	
al-Ghanim	21.0	L6	
Aliskerovo	27.6	IIIA	
ALHA76001	21.4	L6	
ALHA76002	12.0	IA	
ALHA76003	2.8	L6	
ALHA76006	7.8	H6	
ALHA76009	12.5	L6	
Allegan	24.8	H5	
Allende,a	43.0	CV3	
Allende,b	8.0	CV3	
Allende,c	5.0	CV3	
Alessandria	8.6	H5	
Ambapur Nagla	1.6	H5	
Anson	46.0	L6	
Anthony	13.8	H5	
Apoala	27.0	IIIB	
Appley Bridge	24.4	LL6	
Arapahoe	43.0	L5	
Arcadia	13.4	LL6	
Arispe	3.9	IC	
Armel	10.0	L5	
Arriba	7.6	L5	
Ashmore	9.2	H5	
Ashmore(b)	19.0	H4	
Atwood	8.0	L6	
Augusta County	10.8	IIIA	
Augustinovka	25.5	IIIB	
Aumale	59.5	L6	
Aztek	43.0	L6	
Bakhardok	4.9	L6	
Bandong	3.1	LL6	
Barbotan	20.5	H5	
Barcis	36.8	Pal	
Barratta	45.5	L4	
Bartlett	7.0	IIIA	
Barwell	4.3	L6	
Barwise	5.4	H5	
Bath	7.7	H4	
Bath Furnace	56.0	L6	
Bear Creek	36.0	IIIB	
Beardsley	6.1	H5	
Beaver	62.0	L5	
Beaver Creek	8.3	H4	
Beenham	8.1	L5	
Bella Roca	15.4	IIIB	
Belle Plaine III	57.0	L6	
Belle Plaine IV	54.0	L6	
Belmont	40.0	H6	
Bencubbin	20.0	Mes	
Bendego	55.0	IC	
Benedict	33.0	IIIA	
Benthullen	2.0	L	brecciated

Meteorite Name	Weight (g)	Class	Comments
Béréba	5.0	Euc	
Billings	10.5	IIIA	
Bingera	5.0	IIA	
BischtÅbe	13.0	IA	
Bishop Canyon	136.0	IVA	
Bishopville	0.4	Aub	
Bitburg	56.0	IB	Iron with silicate incl.
Bjurbîle	30.0	L4	
Blanket	7.2	L6	
Bledsoe	11.2	H4	
Bluff	65.0	L5	
Bohumilitz	36.6	IA	
Bondoc	12.8	Mes	
Bonita Springs	10.0	H5	
Borgo San Donino	22.0	LL6	brecciated
Bori	3.5	L6	
Bowesmont	17.0	L6	
Boxhole,a	14.1	IIIA	
Boxhole,b	9.2	IIIA	
Braunau	19.8	IIA	
Breitscheid	0.8	H5	veined, xenolithic
Bremervîrde	1.6	H3	brecciated
Brenham	1211.0	Pal	
Brewster	11.8	L6	
Bristol	25.0	IVA	
Broken Bow	15.0	H4	
Brownfield	23.0	H3	
Brownfield(b)	20.0	H5	
Bruderheim	18.6	L6	
Budulan	29.3	Mes	
Burdett	24.0	H5	
Bur-Gheluai	54.0	H5	
Butler	15.3	Irn(anom)	
Butsura	84.0	H6	
Cacaria	20.4	IIIA	
Calico Rock	10.6	IIA	
Calliham	29.0	L6	
Campo del Cielo	56.0	IA	
Canyon City	48.9	IIIA	
Cañon Diablo,a	120.0	IA	
Cañon Diablo,b	76.0	Graphite nodule	
Cape of Good Hope	12.0	IVB	
Carbo	32.1	IID	
Carichic	23.0	H5	
Carlton	26.8	IIICD	
Caroline	2.4	H5	veined
Carraweena	15.8	L3	
Carthage	7.9	IIIA	
Casilda	4.2	H5	
Cavour	6.6	H6	brecciated
Cee Vee	10.1	H5	
Cereseto	1.0	H5	brecciated
Chainpur	12.0	LL3	
Channing	17.0	H5	black
Chantonnay	32.0	L6	brecciated
Charcas	62.0	IIIA	
Charsonville	18.0	H6	veined
Chateau Renard	9.2	L6	veined
Chico	18.6	L6	
Chico Hills	13.2	H4	
Chihuahua City	25.5	IC	
Chinautla	11.8	IVA(anom)	
Chinga	7.8	IVB(anom)	
Chitado	8.0	H6	
Chupaderos	38.9	IIIB	
Clark County	8.3	IIIF	
Claytonville	27.4	L5	
Clover Springs	0.5	Mes	
Clovis(b)	21.0	H6	
Coahuila	52.5	IIA	

Meteorite Name	Weight (g)	Class	Comments
Cobija	12.5	H6	
Cockburn	19.5	L6	
Cocklebiddy	16.0	H5	
Colby, Kansas	18.4	H5	
Colby, Wisconsin	34.4	L6	
Cold Bokkeveld	1.0	CM2	
Coldwater	11.7	H5	
Colfax	3.0	IB	
Collescipoli	0.8	H5	
Colony	24.5	CO3	
Conquista	25.0	H4	
Coolac	42.0	IA	
Coonana	6.3	H4	
Coopertown	33.5	IIIE	
Cope	13.9	H5	
Correo	9.0	H4	
Cosby's Creek	2.6	IA	
Covert	16.5	H5	veined
Cowra	5.0	Irn(anom)	
Crab Hole	36.0	L	
Crab Orchard	20.0	Mes	
Cranbourne	17.0	IA	
Cuero	5.0	H5	veined
Cumberland Falls	16.7	Aub	
Dalgaranga,a	43.9	Mes	
Dalgaranga,b	1.4	Mes	
Dalgety Downs	9.5	L4	
Dalhart	7.7	H5	
Davis Moutains	31.9	IIIA	
Dayton	4.3	IIICD	
De Nova	26.0	L6	veined
Densmore(1950)	16.4	H6	
Deport	56.1	IA	
Descubridora	14.2	IIIA	
Dhajala	70.0	H3-4	
Dhurmsala	6.5	LL6	
Dimboola	11.2	H5	
Dimmitt	34.8	H4	brecciated
Dix	12.0	L6	
Djati-Pengilon	33.0	H6	
Doroninsk	6.5	H6	brecciated
Dresden(Kansas)	7.6	H5	
Dubrovnik	26.0	L3-6	brecciated
Duketon	3.5	IIIA	
Dwaleni	2.6	H6	veined, brecciated
Dwight	12.9	L6	
Eagle Station	2.4	Pal	
Edmond	13.4	H6	
Edmonson(a)	26.8	L6	
Edmonson(b)	7.4	H4	
Elba	5.0	H5	
Elbogen	28.8	IID	
El Burro	15.2	IIB	
El Capitan	35.6	IIIB	
Elenovka	15.0	L5	
Eli Elwah	5.3	L6	
Ellerslie	4.9	L5	
Ellis County	24.0	H6	
Elyria	25.0	IIIA	
Ensisheim	2.3	LL6	brecciated
Ergheo	7.0	L5	
Erxleben	2.1	H6	
Estacado	35.0	H6	
Estherville	24.0	Mes	
Ethiudna	30.0	L	
Etter	35.0	H6	
Eunice	17.5	H	
Eva	22.9	H5	polymict breccia
Fair Oaks	9.0	IA	
Faith	26.5	H5	

Meteorite Name	Weight (g)	Class	Comments
Farley	32.2	H5	veined
Farmington	3.2	L5	black
Farnum	20.0	L5	
Faucett,a	98.0	H5	
Faucett,b	58.0	H5	
Felt	8.8	H	
Finmarken	58.2	Pal	
Finney	3.6	L5	
Fisher	21.8	L6	veined
Fleming	16.1	H3	black, brecciated
Floyd	20.6	L4	
Fluvanna(b)	32.8	H6	
Forest City	16.4	H5	brecciated
Forest Vale	37.8	H4	
Forrest(b)	310.0	L6	
Franceville	18.3	IIIA	
Frankel City	5.5	L6	
Fremont Butte	16.1	L4	
Galatia	35.0	L6	
Garrison	16.0	H5	
Gaylord	8.0	H4	
Ghubara	22.8	L5	black
Gibeon	20.9	IVA	
Gilgoin Station	22.0	H5	
Girgenti	14.5	L6	veined
Gladstone	12.2	H6	black, veined
Glanggang	3.4	H5-6	
Glorieta Mountain	18.0	Pal	
Gomez	25.3	L6	
Goose Lake	4.0	IA	
Gorlovka	0.4	H3-4	
Grady(c)	15.5	H4	
Grand Rapids	17.5	Irn(anom)	
Grant	15.9	IIIB	
Grant Co.	50.0	L6	
Grassland	3.8	L4	
Great Bend	42.7	H6	
Gressk	48.9	IIA	
Gretna	16.8	L5	
Gruver	14.7	H4	
Guangrao	8.0	L6	
Guibga	8.8	L5	
Guin	66.2	IIE	
Hainholz	5.6	Mes	
Hajmah(a)	3.3	Ure	
Hamilton	9.5	L6	veined
Hammond Downs	38.0	H4	
Happy Canyon	17.9	E6	
Hardtner	12.9	L	
Hardwick	29.0	L4	
Harrisonville	14.6	L6	veined
Haskell	48.0	L6	
Hayes Center	36.0	L6	black
Hedjaz	4.7	L3-6	brecciated
Henbury,a	210.0	IIIA	
Henbury,b	130.0	IIIA	
Henbury,c	118.0	IIIA	
Henbury,d	42.0	IIIA	
Henbury,e	24.3	IIIA	
Henbury,f	16.0	IIIA	
Hermitage Plains	39.1	L6	
Hessle,a	15.6	H5	
Hessle,b	3.3	H5	
Hildreth	10.0	L5	
Hoba	1.2	IVB	
Holbrook,a	21.7	L6	
Holbrook,b	13.2	L6	
Holyoke	22.4	H4	
Homestead	28.0	L5	brecciated
Horace(2)	24.0	H5	

Meteorite Name	Weight (g)	Class	Comments
Houck	9.7	IA	
Howe	19.7	H5	
Huckitta	34.0	Pal	
Hugoton	8.8	H5	black, brecciated
Huizopa	13.7	IVA	
Hunter	19.0	LL5	
Hvittis	3.2	E6	
Idutywa	3.2	H5	
Ilimaes	56.0	Pal	
Imilac,a	25.0	Pal	
Imilac,b	34.9	Pal	
Indarch	10.8	E4	
Indianola	39.5	L5	xenolithic
Inman	4.2	L3	
Isna	8.2	CO3	
Isoulane-n-Amahar	26.0	L6	veined
Jackalsfontein	6.4	L6	
Jelica	5.9	LL6	brecciated
Jerome(Idaho)	75.5	L	
Jilin	34.0	H5	
Joe Wright Mountain	16.4	IIIB	
Johnson City	22.0	L6	
Johnstown	8.8	Dio	
Julesburg	35.0	L3	
Juvinas	23.3	Euc	
Kabo	12.0	H4	xenolithic
Kaffir(b)	26.4	H	
Kamyshla	5.9	L6	
Kandahar	11.5	L6	
Kapoeta	2.9	How	
Kargapole	16.1	H4	
Kayakent	12.3	IIIA	
Kelly	25.0	LL4	brecciated
Kendall County	30.0	Irn(anom)	brecciated
Kenna	11.2	Ure	
Kerilis	31.0	H5	
Kernouve	29.8	H6	veined
Kesen	0.5	H4	
Keyes	15.3	L6	
Khairpur	20.0	E6	
Khanpur	13.3	LL5	brecciated
Khmelevka	2.3	L5	
Kiel	2.08	L6	
Kiffa	3.0	H4	
Kimble County	2.2	H6	
Kingfisher	9.3	L5	black
Kingston	40.0	Irn(anom)	
Kinley	3.0	L6	
Klondike	18.0	Irn(anom)	
Knyahinya	26.0	L5	brecciated
Krasnojarsk	21.0	Pal	
Kress	18.0	L6	
Kulnine	35.4	L6	
Kunashak	29.0	L6	
Kyancutta	33.6	IIIA	
Kyle	10.8	L6	
Kyushu	24.8	L6	veined
La Caille	17.3	Irn(anom)	
La Criolla,a	52.0	L6	
La Criolla,b	12.0	L6	
Ladder Creek	6.4	L6	
La Grange	16.6	IVA	
L'Aigle	88.0	L6	brecciated
Lake Labyrinth,a	29.1	LL6	xenolithic
Lake Labyrinth,b	8.7	LL6	
Laketon	5.5	L6	
Lakeview	2.5	H4	
Lakewood	38.0	L6	
La Lande	2.4	L5	
Lamesa	35.0	IIICD	

Meteorite Name	Weight (g)	Class	Comments
LancÇ	6.7	CO3	
Lancon	31.0	H6	veined
Landes	25.2	IA	
Lanzenkirchen	2.97	L4	
La Villa	31.0	H4	
Lazbuddie	39.6	LL5	
Leedey	37.0	L6	
Lenarto	2.7	IIIA	
Leoville	14.8	CV3	
Lewiston	3.6	H4	
Lichtenberg	8.4	L	
Lincoln County	34.0	L6	
Lissa	26.4	L6	veined
Little River(a)	24.6	H6	
Little River(b)	12.3	H4-5	
Locust Grove	104.0	IIA	
Lombard	4.5	IIA	
Lone Star	28.3	H4	
Lone Tree	12.2	H4	
Long Island	55.0	L6	veined
Loop	34.9	L6	
Luis Lopez	15.0	IIIB	
Lunan	4.0	H	
Macy	82.0	L6	
Madoc	18.6	IIIA	
Magura	7.2	IA	
Mainz	1.7	L6	veined
Malakal	28.3	L5	brecciated
Mapleton	28.2	IIIA	
Marilia	11.0	H4	
Marion(Iowa)	15.3	L6	veined
Marion(Kansas)	32.0	L5	
Marjalahti	12.44	Pal	
Markovka	10.9	H4	
Mascombes	3.8	L6	
Masua	7.0	IA	
Mauerkirchen	6.3	L6	
Mayfield	28.0	H	
Mayo Belwa	1.4	Aub	
Mbosi	21.0	Irn(anom)	
McKinney	91.0	L4	black
Melrose(a)	13.0	L5	
Menindee Lakes 003	56.0	L6	
Menow	6.6	H4	
Mern	3.0	L6	veined
Mertzon	13.4	IA(anom)	
Meru	5.2	LL	
Messina	6.8	L5	
MetsÑkylÑ	2.5	H4	
Mezî-Madaras	16.0	L3	xenolithic
Miami	25.0	H5	
Mills,a	34.0	H6	
Mills,b	28.0	H6	
Mocs	402.0	L6	veined
Molong	12.0	Pal	
Monroe	16.0	H4	brecciated
Monte das Fortes	4.7	L5	
Monturaqui	4.1	I	
Monze	10.4	L6	
Moriarty	11.6	L	
Morland	20.0	H6	
Moroccan	62.0	IA	
Morton	32.0	H6	
Motpena	6.3	L6	
Mount Ayliff	2.0	IA	
Mount Baldr	12.3	H6	
Mount Brown	9.5	H6	
Mount Dyrring	25.2	Pal	
Mount Edith	39.6	IIIB	
Mount Egerton	13.0	Mes(anom)	

Meteorite Name	Weight (g)	Class	Comments
Mount Joy	27.0	IIB	
Mount Magnet	24.8	Irn(anom)	
Mount Tabby	5.3	IVA	
Muleshoe	15.8	H4-6	
Mundrabilla,a	2030.0	Irn(anom)	
Mundrabilla,b	120.0	Irn(anom)	
Mundrabilla,c	84.0	Irn(anom)	
Mundrabilla,d	38.5	Irn(anom)	
Mungindi	5.0	IIICD	
Muonionalusta	10.5	IVA	
Murchison	210.0	CM2	
Namib Desert	12.0	H4	
Nantan County	9.5	IIICD	
Nashville(stone)	13.0	L6	
Navajo	12.8	IIB	
Nazareth(iron)	35.5	IIIA	
Nazareth(stone)	36.1	H	
Neenach	23.1	L6	
Nejo	4.7	L6	
Nelson County	4.5	IIIF	
Nerft	22.0	L6	veined
Ness County	57.8	L6	
New Almelo	30.0	L5	brecciated
New Concord	22.4	L6	veined
N'Goureyma	3.9	Irn(anom)	
Nikolskoe	5.3	L4	
Nilpena	3.6	Ure	
Norcateur	1.1	L6	veined
Norton County	19.9	Aub	
Novo-Urei	1.6	Ure	
Nuevo Mercurio,a	135.0	H5	
Nuevo Mercurio,b	109.0	H5	
Nuevo Mercurio,c	71.0	H5	
Nuevo Mercurio,d	50.0	H5	
Nuevo Mercurio,e	49.0	H5	
Nutwood Downs	35.0	IIIA	
Oakley (stone)	32.0	H6	
Obernkirchen	35.5	IVA	
Ochansk	39.5	H4	brecciated
Odessa (iron),a	86.0	IA	
Odessa (iron),b	62.9	IA	
Odessa (iron),c	1.5	IA	
Oesel	3.1	L6	
Olivenza	20.0	LL5	
Oliver	18.6	L6	
Orgueil	8.1	CI	
Orlovka	22.0	H5	
Otis	33.0	L6	
Ouallen	9.5	H	
Oubari	9.4	LL6	
Ovid	8.4	H6	
Owasco	29.0	L6	
Ozona	43.8	H6	
Pampa(a)	72.0	L6	
Pampa(b)	60.0	L5	
Pampa(c)	6.9	L	
Panhandle	19.5	H5	
Pantar	1.8	H5	
Parambu	3.6	LL5	
Park	36.0	L	
Parnallee	8.2	LL3	brecciated
Pasamonte	0.4	Euc	
Patrimonio	8.0	L6	
Peace River	7.4	L6	
Peetz	9.4	L6	
Pervomaisky	38.1	L6	
Pevensey	1.6	LL5	
Phum Sambo	1.9	H4	
Picacho	45.8	IIIA	
Pierceville(iron)	16.1	IIIB	

Meteorite Name	Weight (g)	Class	Comments
Pinon	24.4	Irn(anom)	
Pinto Mountains	33.0	L6	
Pipe Creek	9.0	H6	
Plains	24.0	H5	
Plainview	76.1	H5	
Ploschkovitz	2.0	L	brecciated
Plymouth	45.0	IIIA	
Polujamki	15.9	H4	
Portales(c)	12.7	H4	
Potter,a	34.0	L6	brecciated
Potter,b	17.0	L6	
Putinga	16.3	L6	
Putnam County	14.2	IVA	
Quartz Mountain	4.7	IIIA	
Queen's Mercy	4.0	H6	veined
Quenggouk	13.0	H4	
Ragland	11.6	L3	
Raguli	3.5	H3-4	
Rakity	2.1	L3	
Rakovka	25.6	L6	
Ramsdorf	4.9	L6	brecciated
Rancho de la Pila(1882)	5.8	IIIA	
Rangala	12.0	L6	veined
Ransom	83.0	H4	
Reed City	48.0	Irn(anom)	
Rembang	4.7	IVA	
Rhineland	36.0	H5	
Richardton	18.0	H5	veined
Rifle	14.0	IA	
Rock Creek	59.0	L4	
Rodeo	88.0	IID	
Roebourne	78.0	IIIA	
Romero	11.6	H4	xenolithic
Roosevelt	9.6	H3	
Roy (1933)	19.9	L5	
Ruff's Mountain	21.6	IIIA	
Rush Creek	39.0	L6	brecciated
Sacramento Mountains	13.0	IIIA	
St. Genevieve County	48.0	IIIF	
St. Lawrence	8.7	LL6	
St. Michel	18.6	L6	
St. Peter	7.6	L5	
Saint-SÇverin	10.0	LL6	
Salaices	10.0	H4	
Salaices II	82.0	H4	
Saline	37.0	H5	
Salla	6.6	L6	
San Angelo	55.2	IIIA	
San Cristobal	57.0	IB	
Sandia Mountains	2.0	IIB	
Santa Apolonia	13.0	IIIA	
Santa Catharina	30.0	Irn(anom)	
Santa Luzia	4.0	IIB	
Santiago Papasquiero	19.5	Irn(anom)	
Sao Juliao de Moreire	10.0	IIB	
Saratov	8.2	L4	
Schwetz	22.0	IIIA	
Scott City	14.9	H5	
Scurry	14.0	H5	
Seagraves	28.0	H4	
SeelÑsgen	35.0	IA	
Seibert	19.0	H5	
Selden	18.0	H3	
Selma	28.0	H4	
Seminole	33.4	H4	
Seres	0.1	H4	
Shaw	22.6	L6	
Shelburne	50.0	L5	veined
Shields	19.0	H5	
Sikhote-Alin,a	67.0	IIB	

Meteorite Name	Weight (g)	Class	Comments
Sikhote-Alin,b	35.6	IIB	
Silverton(Texas)	17.2	H4	
Simmern	4.7	H	
Slovac	15.0	H	
Smithonia	247.0	IIA	
Smithville	42.0	IA	
Soko-Banja	3.7	LL4	brecciated
South Plains	8.0	L5	
Springwater	10.6	Pal	
StÑlldalen	14.5	H5	brecciated
Stannern	31.8	Euc	
Staunton	21.5	IIIE	
Stonington	17.5	H5	veined
Summerfield	61.7	L5	
Surprise springs	12.8	IA	
Susuman	42.4	IIIA	
Sutton	21.0	H5	
Suwanee Spring	7.0	L5	
Sweetwater	15.4	H5	
Tabor	47.0	H5	brecciated
Tadjera	27.0	L5	black
Taiban	35.2	L5	black, veined
Takysie Lake	12.9	?	pseudometeorite
Tamarugal	54.0	IIIA	
Tarapaca	5.1	IIIA	
Tatahouine	5.6	Dio	
Tawallah Valley	87.0	IVB	
Tazewell	17.5	IIICD	
Tell	15.6	H6	
Temple	28.15	L6	
Tenham	23.0	L6	veined
Texline	12.5	H5	
Thackaringa	5.6	H5	
Thunda	19.8	IIIA	
Tiberrhamine	49.0	L6	veined
Tilden	3.0	L6	
Timochin	20.0	H5	
Tjerebon	12.4	L5	
Tlacotepec	6.5	IVB	
Tocopilla	63.0	IIA	
Tokio(a)	11.4	H	
Toluca	312.0	IA	
Tombigbee River	40.0	Irn(anom)	
Tonganoxie	69.0	IIIA	
Toulon	8.0	H5	
Tourinnes-la-Grosse	3.8	L6	
Trenton	65.3	IIIA	
Treysa	1.8	IIIB(anom)	
Tryon	34.0	L6	
Tsarev	10.0	L5	
Tulia (a)	38.9	H3-4	brecciated
Turtle River	31.6	IIIB	
Tuxtuac	66.0	LL5	
Two Buttes	22.3	H5	
Uberaba	14.5	H5	veined
Ucera	4.2	H5	
Ulysses	5.4	H4	
Umbarger	86.2	L3-6	
Utrecht	2.9	L6	veined
Utzenstorf	1.02	H5	
Vaca Muerta	51.5	Mes	
Valkeala	7.3	L6	
Valle de Allende	3.5	L6	
Veliko-Nikolaevsky Priisk	26.2	IIIA	
Veramin	19.6	Mes	
Villa Coronado	62.0	H5	
VouillÇ	12.4	L6	veined
Wabar	18.0	IIIA	
Waconda	11.6	L6	brecciated
Wairarapa Valley	17.8	H5	

Meteorite Name	Weight (g)	Class	Comments
Waldo	13.2	L6	
Walker County	7.7	IIA	
Walters	16.6	L6	
Wardswell Draw	37.0	L6	
Wayside	31.9	H6	
Weldona	14.8	H4	
Wellington	33.0	H5	
Wellman (a)	4.9	H5	
Wellman(c),a	41.0	H4	
Wellman(c),b	50.0	H4	
West Point	5.6	L	
Wichita County	71.0	IA	
Wickenburg(stone)	23.2	L6	black
Willard	7.9	L6	
Willow Creek	32.9	IIIE	
Willowdale	5.0	H4	
Wiluna	28.0	H5	
Winona	3.7	Win	
Wold Cottage	2.2	L6	
Wolf Creek,a	23.0	IIIB	
Wolf Creek,b	12.7	IIIB	
Wynella	14.0	H4	
Xingyang	29.2	H5	
Yandama	6.5	L6	
Yanhuitlan	38.0	IVA	
Yardymly	13.2	IA	
Yarroweyah	12.0	IIA	
Ybbsitz	5.0	H4	
Yenberrie	144.0	IA	
Yocemento	13.8	L4	
Yorktown(New York)	31.2	L5	
Youanmi	2.1	IIIA	
Youndegin	48.0	IA	
Yungay	92.0	IIA	
Zacatecas (1792)	74.0	Irn(anom)	
Zavid	11.5	L6	brecciated
Zebrak	26.0	H5	
Zhovtnevyi	54.3	H5	

Sample Name	Weight(g)	Class	Comments
<Tektites and related materials>			
Australite 1	75.21	Tektite	Australia
Australite 2	12.77	Tektite	Australia
Australite 3	14.51	Tektite	Australia
Australite 4	9.49	Tektite	Australia
Australite 5	6.90	Tektite	Australia
Australite 6	8.11	Tektite	Australia
Australite 7	8.15	Tektite	Australia
Australite 8	5.85	Tektite	Australia
Australite 9	4.08	Tektite	Australia
Australite 10	3.59	Tektite	Australia
Australite 11	3.67	Tektite	Australia
Australite 12	2.52	Tektite	Australia
Australite 13	0.81	Tektite	Australia
Australite 14	0.69	Tektite	Australia
Australite 15	2.12	Tektite	Australia
Australite 16	1.68	Tektite	Australia
Australite 17	4.12	Tektite	Australia
Australite 18	0.80	Tektite	Australia
Australite 19	1.59	Tektite	Australia
Australite 20	1.29	Tektite	Australia
Australite 21	3.76	Tektite	Australia
Australite 22	3.63	Tektite	Australia
Australite 23	0.71	Tektite	Australia
Australite 24	0.24	Tektite	Australia
Australite 25	0.19	Tektite	Australia
Australite 26	0.16	Tektite	Australia
Bediasite 1	18.51	Tektite	USA
Bediasite 2	0.41	Tektite	USA
Billitonite	1.08	Tektite	Java
Georgia	11.79	Tektite	USA
Indochinite 1	248.74	Tektite	Thailand
Indochinite 2	171.11	Tektite	Thailand
Indochinite 3	139.71	Tektite	Thailand
Indochinite 4	144.91	Tektite	Thailand
Indochinite 5	194.00	Tektite	Thailand
Indochinite 6	91.37	Tektite	Thailand
Indochinite 7	171.79	Tektite	Thailand
Indochinite 8	35.92	Tektite	Thailand
Indochinite 9	106.00	Tektite	Thailand
Indochinite 10	112.27	Tektite	Thailand
Indochinite 11	178.15	Tektite	Thailand
Indochinite 12	78.65	Tektite	Thailand
Indochinite 13	121.95	Tektite	Thailand
Indochinite 14	115.94	Tektite	Thailand
Indochinite 15	133.56	Tektite	Thailand
Indochinite 16	64.15	Tektite	Thailand
Indochinite 17	86.14	Tektite	Thailand
Indochinite 18	80.77	Tektite	Thailand
Indochinite 19	189.43	Tektite	Thailand
Indochinite 20	151.28	Tektite	Thailand
Indochinite 21	144.40	Tektite	Thailand
Indochinite 22	83.55	Tektite	Thailand
Indochinite 23	79.87	Tektite	Thailand
Indochinite 24	40.52	Tektite	Thailand
Indochinite 25	39.76	Tektite	Thailand
Indochinite 26	48.70	Tektite	Thailand
Indochinite 27	32.72	Tektite	Thailand
Indochinite 28	39.54	Tektite	Thailand
Indochinite 29	77.22	Tektite	Thailand
Indochinite 30	54.43	Tektite	Thailand
Indochinite 31	60.15	Tektite	Thailand
Indochinite 32	63.10	Tektite	Thailand
Indochinite 33	32.68	Tektite	Thailand
Indochinite 34	34.99	Tektite	Thailand

Sample Name	Weight(g)	Class	Comments
Indochinite 35	45.00	Tektite	Thailand
Indochinite 36	36.88	Tektite	Thailand
Indochinite 37	20.42	Tektite	Thailand
Indochinite 39	14.67	Tektite	Thailand
Indochinite 40	12.02	Tektite	Thailand
Indochinite 41	21.18	Tektite	Thailand
Indochinite 42	12.42	Tektite	Thailand
Indochinite 43	19.03	Tektite	Thailand
Indochinite 44	8.58	Tektite	Thailand
Indochinite 45	10.41	Tektite	Thailand
Indochinite 46	16.70	Tektite	Thailand
Indochinite 47	18.23	Tektite	Thailand
Indochinite 48	15.66	Tektite	Thailand
Indochinite 49	7.30	Tektite	Thailand
Indochinite 50	7.76	Tektite	Thailand
Indochinite 51	65.32	Tektite	Thailand
Indochinite 52	56.61	Tektite	Thailand
Indochinite 53	55.09	Tektite	Thailand
Indochinite 54	35.99	Tektite	Thailand
Indochinite 55	36.70	Tektite	Thailand
Indochinite 56	43.66	Tektite	Thailand
Indochinite 57	38.33	Tektite	Thailand
Indochinite 58	25.73	Tektite	Thailand
Indochinite 59	27.19	Tektite	Thailand
Indochinite 60	22.00	Tektite	Thailand
Indochinite 61	26.45	Tektite	Thailand
Indochinite 62	20.96	Tektite	Thailand
Indochinite 63	30.63	Tektite	Thailand
Indochinite 64	33.25	Tektite	Thailand
Indochinite 65	20.22	Tektite	Thailand
Indochinite 66	20.23	Tektite	Thailand
Indochinite 67	17.55	Tektite	Thailand
Indochinite 68	15.78	Tektite	Thailand
Indochinite 69	24.09	Tektite	Thailand
Indochinite 70	19.91	Tektite	Thailand
Indochinite 71	26.55	Tektite	Thailand
Indochinite 72	19.25	Tektite	Thailand
Indochinite 73	17.28	Tektite	Thailand
Indochinite 74	14.46	Tektite	Thailand
Indochinite 75	13.82	Tektite	Thailand
Indochinite 76	16.01	Tektite	Thailand
Indochinite 77	14.63	Tektite	Thailand
Indochinite 78	9.22	Tektite	Thailand
Indochinite 79	8.89	Tektite	Thailand
Indochinite 80	12.54	Tektite	Thailand
Indochinite 81	10.28	Tektite	Thailand
Indochinite 82	12.59	Tektite	Thailand
Indochinite 83	6.76	Tektite	Thailand
Indochinite 84	6.34	Tektite	Thailand
Indochinite 84	8.11	Tektite	Thailand
Indochinite 86	7.11	Tektite	Thailand
Indochinite 87	7.02	Tektite	Thailand
Indochinite 88	5.85	Tektite	Thailand
Indochinite 89	3.24	Tektite	Thailand
Indochinite 90	4.65	Tektite	Thailand
Indochinite 91	10.01	Tektite	Thailand
Indochinite 92	4.96	Tektite	Thailand
Indochinite 93	3.81	Tektite	Thailand
Incochinite 94	0.59	Tektite	Thailand
Irghizite 1	1.20	Tektite	Kazakh S.S.R.
Irghizite 2	1.21	Tektite	Kazakh S.S.R.
Irghizite 3	1.03	Tektite	Kazakh S.S.R.
Irghizite 4	1.28	Tektite	Kazakh S.S.R.
Irghizite 5	0.85	Tektite	Kazakh S.S.R.
Irghizite 6	0.71	Tektite	Kazakh S.S.R.
Irghizite 7	0.59	Tektite	Kazakh S.S.R.
Irghizite 8	1.78	Tektite	Kazakh S.S.R.
Irghizite 9	0.96	Tektite	Kazakh S.S.R.
Irghizite 10	0.49	Tektite	Kazakh S.S.R.

Sample Name	Weight(g)	Class	Comments
Irghizite 11	1.45	Tektite	Kazakh S.S.R.
Irghizite 12	0.62	Tektite	Kazakh S.S.R.
Irghizite 13	0.67	Tektite	Kazakh S.S.R.
Irghizite 14	0.66	Tektite	Kazakh S.S.R.
Irghizite 15	0.44	Tektite	Kazakh S.S.R.
Irghizite 16	1.13	Tektite	Kazakh S.S.R.
Ivory Coast	7.48	Tektite	Ivory Coast, Africa
Javanite 1	4.93	Tektite	Java
Javanite 2	0.51	Tektite	Java
Moldavite 1	21.87	Tektite	Czecho
Moldavite 2	29.01	Tektite	Czecho
Moldavite 3	36.94	Tektite	Czecho
Moldavite 4	14.31	Tektite	Czecho
Moldavite 5	16.18	Tektite	Czecho
Moldavite 6	16.54	Tektite	Czecho
Moldavite 7	11.44	Tektite	Czecho
Moldavite 8	14.63	Tektite	Czecho
Moldavite 9	16.88	Tektite	Czecho
Moldavite 10	10.83	Tektite	Czecho
Moldavite 11	12.52	Tektite	Czecho
Moldavite 12	14.47	Tektite	Czecho
Moldavite 13	10.87	Tektite	Czecho
Moldavite 14	11.47	Tektite	Czecho
Moldavite 15	24.93	Tektite	Czecho
Moldavite 16	14.38	Tektite	Czecho
Moldavite 17	12.71	Tektite	Czecho
Moldavite 18	17.73	Tektite	Czecho
Moldavite 19	23.34	Tektile	Czecho
Moldavite 20	11.25	Tektite	Czecho
Moldavite 21	9.15	Tektite	Czecho
Moldavite 22	11.96	Tektite	Czecho
Moldavite 23	8.50	Tektite	Czecho
Moldavite 24	13.65	Tektite	Czecho
Moldavite 25	10.50	Tektite	Czecho
Moldavite 26	8.80	Tektite	Czecho
Moldavite 27	11.50	Tektite	Czecho
Moldavite 28	7.36	Tektite	Czecho
Moldavite 29	9.50	Tektite	Czecho
Moldavite 30	4.73	Tektite	Czecho
Moldavite 31	8.24	Tektite	Czecho
Moldavite 32	10.27	Tektite	Czecho
Moldavite 33	7.35	Tektite	Czecho
Moldavite 34	8.45	Tektite	Czecho
Moldavite 35	7.14	Tektite	Czecho
Moldavite 36	13.89	Tektite	Czecho
Moldavite 37	5.17	Tektite	Czecho
Moldavite 38	4.89	Tektite	Czecho
Moldavite 39	5.42	Tektite	Czecho
Moldavite 40	7.55	Tektite	Czecho
Moldavite 41	10.20	Tektite	Czecho
Moldavite 42	5.51	Tektite	Czecho
Moldavite 43	3.83	Tektite	Czecho
Moldavite 44	2.75	Tektite	Czecho
Moldavite 45	2.30	Tektite	Czecho
Moldavite 46	1.79	Tektite	Czecho
Moldavite 47	1.71	Tektite	Czecho
Moldavite 48	1.39	Tektite	Czecho
Moldavite 49	0.73	Tektite	Czecho
Moldavite 50	2.38	Tektite	Czecho
Moldavite 51	5.27	Tektite	Czecho
Moldavite 52	8.00	Tektite	Czecho, cut
Moldavite 53	7.03	Tektite	Czecho, cut
Moldavite 54	7.96	Tektite	Czecho
Moldavite 55	4.98	Tektite	Czecho
Muong Nong Glass	554.87	Tektite	
Philippinite 1	237.75	Tektite	Rizalites, Philippine Islands

Sample Name	Weight(g)	Class	Comments
Philippinite 2	221.44	Tektite	Rizalites, Philippine Islands
Philippinite 3	93.00	Tektite	Rizalites, Philippine Islands
Philippinite 4	63.24	Tektite	Rizalites, Philippine Islands
Philippinite 5	55.42	Tektite	Rizalites, Philippine Islands
Philippinite 6	53.09	Tektite	Rizalites, Philippine Islands
Philippinite 7	48.19	Tektite	Rizalites, Philippine Islands
Philippinite 8	36.04	Tektite	Rizalites, Philippine Islands
Philippinite 9	23.74	Tektite	Rizalites, Philippine Islands
Philippinite 10	23.46	Tektite	Rizalites, Philippine Islands
Philippinite 11	22.81	Tektite	Rizalites, Philippine Islands
Philippinite 12	23.38	Tektite	Rizalites, Philippine Islands
Philippinite 13	13.69	Tektite	Rizalites, Philippine Islands
Philippinite 14	10.65	Tektite	Rizalites, Philippine Islands
Philippinite 15	9.31	Tektite	Rizalites, Philippine Islands
<Natural Glasses, Shetter Cones and Miscelaneous>			
Alemonit Bomb	364.10	Glass	Bomb?
Aouelloul Glass 1	12.56	Glass	Mauritania, Africa, black
Darwin Glass 1	21.02	Glass	Tasmania, Australia, fragment
Darwin Glass 2	8.09	Glass	Tasmania, Australia, fragment
Darwin Glass 3	9.56	Glass	Tasmania, Australia, fragment
Darwin Glass 4	5.60	Glass	Tasmania, Australia, fragment
Darwin Glass 5	4.60	Glass	Tasmania, Australia, fragment
Darwin Glass 6	6.27	Glass	Tasmania, Australia, fragment
Darwin Glass 7	4.59	Glass	Tasmania, Australia, fragment
Darwin Glass 8	3.43	Glass	Tasmania, Australia, fragment
Darwin Glass 9	2.97	Glass	Tasmania, Australia, fragment
Darwin Glass 10	3.31	Glass	Tasmania, Australia, fragment
Darwin Glass 11	2.51	Glass	Tasmania, Australia, fragment
Darwin Glass 12	4.25	Glass	Tasmania, Australia, fragment
Darwin Glass 13	3.11	Glass	Tasmania, Australia, fragment
Darwin Glass 14	2.64	Glass	Tasmania, Australia, fragment
Darwin Glass 15	2.00	Glass	Tasmania, Australia, fragment
Darwin Glass 16	1.99	Glass	Tasmania, Australia, fragment
Darwin Glass 17	2.25	Glass	Tasmania, Australia, fragment
Darwin Glass 18	2.87	Glass	Tasmania, Australia, fragment
Darwin Glass 19	2.63	Glass	Tasmania, Australia, fragment
Darwin Glass 20	2.43	Glass	Tasmania, Australia, fragment
Darwin Glass 21	1.53	Glass	Tasmania, Australia, fragment
Darwin Glass 22	1.29	Glass	Tasmania, Australia, fragment
Darwin Glass 23	2.05	Glass	Tasmania, Australia, fragment
Darwin Glass 24	1.60	Glass	Tasmania, Australia, fragment
Darwin Glass 25	3.73	Glass	Tasmania, Australia, fragment
Darwin Glass 26	1.27	Glass	Tasmania, Australia, fragment
Darwin Glass 27	2.06	Glass	Tasmania, Australia, fragment
Darwin Glass 28	0.84	Glass	Tasmania, Australia, fragment
Darwin Glass 29	0.74	Glass	Tasmania, Australia, fragment
Darwin Glass 30	1.22	Glass	Tasmania, Australia, fragment
Darwin Glass 31	1.47	Glass	Tasmania, Australia, fragment
Darwin Glass 32	1.23	Glass	Tasmania, Australia, fragment
Darwin Glass 33	1.89	Glass	Tasmania, Australia, fragment
Darwin Glass 34	0.37	Glass	Tasmania, Australia, fragment
Libyan Desert 1	103.10	Glass	Egypt, yellow
Libyan Desert 2	26.40	Glass	Egypt, yellow
Libyan Desert 3	66.20	Glass	Egypt, yellow
Libyan Desert 4	32.50	Glass	Egypt, yellow
Libyan Desert 5	61.10	Glass	Egypt, yellow
Libyan Desert 6	98.40	Glass	Egypt, yellow
Libyan Desert 7	246.20	Glass	Egypt, yellow
Otting 1	18.00	Glass	
Otting 2	8.00	Glass	Spherules
Wabar Glass 1	14.05	Glass	
Wabar Glass 2	1.13	Glass	
Wabar Glass 3	1.46	Glass	

Sample Name	Weight(g)	Class	Comments
Wabar Glass 4	0.55	Glass	
Wabar Glass 5	2.99	Glass	
Wabar Glass 6	0.20	Glass	
Wabar Glass 7	0.47	Glass	
Zhamanschin Glass 1	179.09	Glass	USSR, black
Zhamanschin Glass 2	71.75	Glass	USSR, black
Zhamanschin Glass 3	58.05	Glass	USSR, gray, layer
Zhamanschin Glass 4	13.14	Glass	USSR, white
Shatter Cone A	190.80		La Malbaie, Canada
Shatter Cone B	2122.00		Gosses Bluff, Australia
Shatter Cone C	62.70		Sierra Madera Dome, Texas, USA
Shatter Cone D	61.90		Wanapetei, Canada
Shatter Cone E1	71.00		Steinheimer Becken, Germany
Shatter Cone E2	61.20		Steinheimer Becken, Germany
Shatter Cone E3	53.70		Steinheimer Becken, Germany
Shatter Cone F1	99.10		Nördlinger Ries, Germany
Shatter Cone F2	5.40		Nördlinger Ries, Germany
Shatter Cone F3	1101.10		Nördlinger Ries, Germany
Shatter Cone F4	31.80		Nördlinger Ries, Germany
Shatter Cone F5	45.70		Nördlinger Ries, Germany
Shatter Cone F6	49.30		Nördlinger Ries, Germany
Shatter Cone F7	42.60		Nördlinger Ries, Germany
Shatter Cone G	141.10		Wells Creek, Tennessee, USA
Shatter Cone H	60.30		Lappajaervi, Finland
Iron Shale A1	4.70		Henbury Crater, Australia
Iron Shale A2	2.00		Henbury Crater, Australia
Iron Shale A3	0.70		Henbury Crater, Australia
Iron Shale B1	103.80		Cañon Diablo Crater, USA
Iron Shale B2	9.00		Cañon Diablo Crater, USA
Cosmic Spherules		Spherules	deep sea, North Atlantic Ocean
Metallic Spheroids		Spherules	Cañon Diablo, Arizona, USA
Worzel Ash			

P. 83,	Yamato-74157	24.8(23.6-25.7) 20.5(19.7-21.8) should be deleted.
P. 83,	Yamato-74176	L6 should be inserted.
P. 94,	ALH-77017	Comments should be En44.3Fs4.9Wo50.8, merr.
P. 99,	ALH-78149	L3 should be H4.
P. 102,	Yamato-790144	LL7 should be LL.
P. 103,	Yamato-790187	H5 should be H4.
P. 106,	Yamato-790461	H3, 4 should be H3.
P. 106,	Yamato-790464	H5, 6 should be H5.
P. 107,	Yamato-790520	LL6 should be LL.
P. 107,	Yamato-790523	LL4 should be LL.
P. 107,	Yamato-790528	LL6 should be LL.
P. 110,	Yamato-790782	LL6 should be LL.
P. 133,	Yamato-792537	17.6(18.3-19.9) should be 18.3(17.6-19.9).
P. 144,	Yamato-793398	19.4 should be 17.4
P. 145,	Yamato-793455	H4 should be H3.
P. 145,	Yamato-793465	18.33 should be 2222.
P. 147,	Yamato-793588 to 793590	H6 should be L3.
P. 147,	Yamato-793592	En98.4-99.6Fs0-3.3Wo0.1-48.0 should be En52.0-59.0 Fs0.0-0.2Wo40.9-48.0
P. 150,	Yamato-82008	26.2 should be 16.2
P. 151,	Yamato-82054	CM2 should be CO3.
P. 152,	Yamato-82121	Fs89 should be Fs8.9
P. 153,	Yamato-8310	H4 should be L6.
P. 154,	Yamato-8336	En4511 should be En45.1
P. 154,	Yamato-8457	14.6 should be 19.6
P. 155,	Yamato-86005	L6 should be L3.
P. 155,	Yamato-86027	2.39 should be 23.9
P. 155,	Yamato-86041	En7.2 should be En47.2
P. 164,	Yamato-86717	LL6 should be L6.
P. 164,	Yamato-86721	LL6 should be L6.
P. 164,	Yamato-86725	L6 should be LL6.
P. 197,	Asuka-882098	L5 should be LL5.
P. 201,	Irons	Yamato-790724 2166.0 Iron Yamato Mountains should be inserted.