

Lunar Sample Catalogs

Apollo 11

Lunar Sample Information Catalog Apollo 11

first edition

Lunar Receiving Laboratory, Science and Applications Directorate

Aug. 31, 1969

Apollo 11 Lunar Sample Information Catalog (revised)

this is second edition – JSC 12522

by Kramer, Twedell and Walton

1977

The Apollo 11 Drive Tubes

by Judith H. Allton

Mar. 24, 1978

Lunar Sample Catalog Apollo 11

CD- ROM of Kramer et al.

by Laurie Carrillo

Curator's Office

2001

Apollo 12

Apollo 12 Lunar-Sample Information Catalog (original)

by Jeffrey Warner (complier)

NASA Technical Report R-353 (price \$3.00)

Manned Spacecraft Center

Dec. 1970

Description of Core Samples Returned by Apollo 12

NASA Technical Memorandum X-58066

by John F. Lindsay, Grant H. Heiken, and Roald Fryxell

Nov. 1971

Apollo 12 Coarse Fines (2-10): Sample Locations, Description, and Inventory

JSC 14434

by Ursula B. Marvin

Jul. 1978

Apollo 14

Interagency Report: 28 Documentation of the Apollo 14 samples

(Supersedes Interagency Report 27)

by R.L. Sutton, R. M. Batson, K.B. Larson, J. P. Schafer, R. E. Eggleton, and G. A.

Swann, United States Department of the Interior Geological Survey

May 1971

Apollo 14 Lunar Sample Information Catalog

NASA Technical Memo X-58062

by Curator's Office MSC

Sep. 1971

Geology of the Apollo 14 Landing Site in the Fra Mauro Highlands

By G.A. Swann, N.G. Bailey, R.M. Batson, R.E. Eggleton, M.H. Hait, H.E. Holt, K.B. Larson, V.S. Reed, G.G. Schaber, R.L. Sutton, N.J. Trask, G.E. Ulrich and H.G. Wilshire
Geological Survey Professional Paper 880
1977

Apollo 14 Rock Samples (recataloged)

JSC 14240
by Irene C. Carlson and Wayne J. A. Walton
May 1978

Lunar Sample Catalog Apollo 14

CD ROM of Carlson and Walton
by Laurie Carrillo
Curator's Office, JSC
2002

Description, Classification and Inventory of the Comprehensive Sample from Apollo 14

by William Phinney, Charles Simonds and Jeffrey Warner
Mar. 1975

Breccia Guidebook No. 1 14321

by Charles Meyer and Catherine King
Curatorial Facility JSC 14753
Mar. 1979

Apollo 14 Coarse Fines (4-10mm) Sample Location and Classification

JSC 12922
by F. E. Kramer and D. B. Twedell
Jun. 1977

Lithological Maps of Selected Apollo 14 Breccia Samples

JSC 13842
by D. Twedell, S. Feicht, I. Carson and C. Meyer, Jr.
Jan. 1978

Breccia Guidebook No. 5 14305

JSC 19267
Planetary Materials Branch Pub No. 68
by John W. Shervais and Lawrence A. Taylor
Sep. 1983

Breccia Guidebook No. 7 14321

JSC 19492
Planetary Materials Branch Pub No. 69
by John W. Shervais, Steven Knapp and Lawrence A. Taylor
Feb. 1984

Apollo 15

Lunar Sample Information Catalog

Apollo 15 - Butler

Original sample catalog

MSC 03209
Lunar Receiving Laboratory
Nov. 1971

Catalog of Apollo 15 Rocks Part 1. 15015-15299

JSC 20787
Curatorial Branch Publication 72
by Graham Ryder
Oct. 1985

Catalog of Apollo 15 Rocks Part 2. 15306-15468

JSC 20787
Curatorial Branch Publication 72
by Graham Ryder
Oct. 1985

Catalog of Apollo 15 Rocks Part 3. 15475-15698

JSC 20787
Curatorial Branch Publication 72
by Graham Ryder
Oct. 1985

Lunar Sample Catalog Apollo 15

CD-ROM of Ryder
by Laurie Carrillo
Curator's Office
2003

Catalogue of Apollo 15 rake samples from stations 2 (St. George), 7 (Spur Crater), and 9a (Hadley Rille)

by Eric Dowty, G.H. Conrad, J.A. Green, P.F. Hlava, K. Keil, RB. Moore, C.E.Nehru
and M. Prinz
U. New Mex. Pub. No 8
1973

Apollo 15 Coarse Fines (4-10mm): Sample Classification, Description and Inventory

MSC 03228
by Benjamin N. Powell
Feb. 1972

Interagency Report: Astrogeology 47: Documentation of the Apollo 15_

by R.L. Sutton, M. H. Hait, K. B. Larson, G. A. Swann, V. S. Reed, and G. G. Schaber
United States Department of the Interior Geological Survey
Apr. 1972

Stratigraphy of the Apollo 15 Drill Core

NASA Technical Memorandum X-58101
MSC 07603
by Grant Heiken, Michael Duke, Roald Fryxell, J. Stewart Nagle, Ron Scott, and
G. A. Sellers
Nov. 1972

Apollo 15 Deep-Drill-Core: Classification, Description, and Inventory of

Separated Particles

by Michael J. Drake
Oct. 1974

The Apollo 15 Coarse Fines (4-10mm)

JSC 24035
Planetary Science Branch Pub No. 81
by Graham Ryder and Sarah Bean Sherman
Dec. 1989

Apollo 16

Lunar Sample Information Catalog Apollo 16

by Pat Butler (compiler)
MSC 03210
July 1972

Catalog of Apollo 16 Rocks

Part 1. 60015-62315

JSC 16904
Curatorial Branch Pub No. 52
by Graham Ryder and Marc D. Norman
Sep. 1980

Catalog of Apollo 16 Rocks

Part 2. 63335-66095

JSC 16904
Curatorial Branch Pub No. 52
by Graham Ryder and Marc D. Norman
Sep. 1980

Catalog of Apollo 16 Rocks

Part 3. 67015-69965

JSC 16904
Curatorial Branch Pub No. 52
by Graham Ryder and Marc D. Norman
Sep. 1980

Apollo 16 Rake Samples 67515 to 68537

Sample Classification, Description and Inventory

by J. V. Smith and I. M. Steele
Sep. 1972

Apollo 16 Coarse Fines (4-10mm): Sample Classification, Description and Inventory

by Ursula B. Marvin
Oct. 1972

Description, Classification, and Inventory of 151 Apollo 16 Rake Samples from the LM Area and Station 5

by Klaus Keil, Eric Dowty, Martin Prinz and T. E. Bunch
Dec. 1974

Catalogue of Apollo 16 rake samples from the LM area and station 5
by Richard Warner, Eric Dowty, Martin Prinz, George Conrad, C.E. Nehru and K. Keil
UNM Special Pub No. 13
1976

*Description, Classification, and Inventory of Apollo 16 Rake Samples from
Stations 1, 4, and 13*
by William Phinney and Gary Lofgren
May 1973

Breccia Guidebook No. 3
67915
JSC 16242
Curatorial Branch Pub No. 50
by G. Jeffrey Taylor and Andrea B. Mosie
Oct. 1979

Breccia Guidebook No. 4
67015
JSC 16671
Curatorial Branch Pub No. 51
by Ursula B. Marvin
May 1980

Apollo 16 Soil Catalog 61220
Classification and Description of 1-4mm Fines
by Ursula B. Marvin and Andrea B. Mosie
Curatorial Branch Pub No. 53
Dec. 1980

Guidebook for Lunar Breccia 67016
JSC 17393
Curatorial Branch Pub No. 57
by Marc D. Norman and Gabriel G. Garcia
Jun. 1981

Introduction to the Core Samples from the Apollo 16 Landing Site
JSC 17659
Curatorial Branch Pub No. 58
by Ruth M. Fruland and Janet Nieber Reimold
Nov. 1981

Catalog of the Apollo 16 Lunar Core 60009/60010
JSC 17172
Curatorial Branch Pub No. 61
by R. M. Fruland, J. S. Nagle and J. H. Allton
Mar. 1982

Breccia Guidebook No. 6
67435
JSC 18743
Curatorial Branch Pub No. 64
by G. Jeffrey Taylor and Andrea B. Mosie
Dec. 1982

Apollo 17

Lunar Sample Information Catalog

Apollo 17 (original)
MSC 03211
Lunar Receiving Laboratory
Apr. 1973

Geology of the Apollo 16 Area, Central Lunar Highlands

by G.E. Ulrich, C.A. Hodges and W.R. Muehlberger
Geological Survey Professional Paper 1048
1981

Catalog of Apollo 17 Rocks

Volume 1 – Stations 2 and 3 (South Massif)

JSC 26088
Curatorial Branch Pub No. 87
by Graham Ryder
Jan. 1993

Catalog of Apollo 17 Rocks

Volume 2 – Central Valley, Part 1

JSC 26088
Curatorial Branch Pub No. 87
by Clive R. Neal and Lawrence A. Taylor
Jan. 1993

Catalog of Apollo 17 Rocks

Volume 3 – Central Valley, Part 2

JSC 26088
Curatorial Branch Pub No. 87
by Clive R. Neal and Lawrence A. Taylor
Oct. 1993

Catalog of Apollo 17 Rocks

Volume 4 – North Massif

JSC 26088
Curatorial Branch Pub No. 87
by Charles Meyer
Aug. 1994

Apollo 17 Coarse Fines (4-10mm) Sample Location, Classification, and Photo Index

by Charles Meyer
Jun. 1973

The Geologic Investigation of the Taurus-Littrow Valley: Apollo 17 Landing Site

by E.A. Wolf, N.G. Bailey, B.K. Lucchitta, W.R. Muehlberger, D.H. Scott, R.L. Sutton
and H.G. Wilshire
Geological Survey Professional Paper 1080
1981

Preliminary Data on Boulders at Station 6

Apollo 17 Landing Site

JSC 08484

NASA TM X-58116
by Grant H. Heiken, Patrick Butler, Jr., William C. Phinney, Jeffrey Warner,
Harrison H. Schmitt, Donald D. Bogard, Charles H. Simonds and William G. Pearce
Oct. 1973

*Description, classification and inventory of 113 Apollo 17 rake samples from
stations 1A, 2, 7 and 8*

by Klaus Keil, Eric Dowty and Martin Prinz
Apr. 1974

Catalogue of Apollo 17 rake samples from stations 1A, 2, 7 and 8

by Richard Warner, Klaus Keil, C.E. Nehru and Jeff Taylor
UNM Spec. Pub. No. 18
1978

*Description, Classification, and Inventory of Apollo 17 Rake Samples from
Station 6*

by William Phinney, Charles Simonds, and Jeff Warner
Sep. 1974

Drive Tubes 74002/74001

by J. Stewart Nagle
Jan. 1978

Guidebook for the Boulders at Station 6, Apollo 17

JSC 17243
Curatorial Branch Pub No. 55
by W. C. Phinney
Mar. 1981

Breccia Guidebook No. 8

72275
JSC 20416
Curatorial Branch Pub No. 71
by Peter A. Salpas, Kim Johnson Willis, and Lawrence A. Taylor
Apr. 1985

Lunar Soils

A Catalog of Lunar Soils (draft)

by Grant Heiken
NASA Lyndon B. Johnson Space Center
Oct. 1974

Handbook of Lunar Soils

Part I: Apollo 11-15

JSC 19069
Curatorial Branch Pub No. 67
by Richard V. Morris, Roberta Score, Claire Dardano and Grant Heiken
Jul. 1983

Handbook of Lunar Soils

Part II: Apollo 16-17

JSC 19069
Curatorial Branch Pub No. 67

by Richard V. Morris, Roberta Score, Claire Dardano and Grant Heiken
Jul. 1983

Lunar Soils Grain Size Catalog

NASA Ref. Pub. 1265
by John C. Graf
Mar. 1993

Some Other Lunar Sample Information Publications

Lunar Core Catalog

JSC 09252
by M. B. Duke and J. S. Nagle
Jun. 1976

Introduction to the Apollo Collections: Part I

Lunar Igneous Rocks

by Patricia E. McGee, Jeffrey L. Warner and Charles H. Simonds
Feb. 1977

Introduction to the Apollo Collections: Part II

Lunar Breccias

by Patricia E. McGee, Charles H. Simonds, Jeffrey L. Warner and William C. Phinney
Feb. 1979

Catalog of Pristine Non-Mare Materials

Part 1. Non-Anorthosites Revised

JSC 14565
by Graham Ryder and Marc Norman
Jun. 1979

Catalog of Pristine Non-Mare Materials

Part 2. Anorthosites Revised

JSC 14603
by Graham Ryder and Marc Norman
Jun. 1979

Luna 24: Catalog and preliminary description

By Stewart Nagle and Wayne Walton
JSC Curatorial Office
May 1977

Handbook of Lunar Materials

NASA Ref. Pub. 1057
Feb. 1980

Occurrence of ANT Fragments in Lunar soils and Breccias:

Guide to Polished Thin Sections

JSC 14394
by Charles E. Bickel and Jeffrey L. Warner
Jul. 1978

Catalog of Lunar Mare Basalts Greater Than 40 Grams

Part 1. Major and Trace Chemistry

With Megascopic Descriptions and Rock and Thin Section Photographs

Lunar and Planetary Contribution 438
by Gary E. Lofgren and Ellen M. Lofgren
Aug. 1981

Regolith Breccia Workbook

by Ruth Fruland
Planetary Materials Branch 66
JSC 19045
June 1983