

Cooper, Byron Nelson, Papers

Byron Nelson Cooper Papers

1925-1971



Title Statement

Cooper, Byron Nelson, PapersByron Nelson Cooper Papers, 1925-1971 Ms.1973.004

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Profile Description

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Revision Description

2025-03-05 Ella Winterling added Existence and Location of Copies.

Descriptive Summary

Unit ID

Ms.1973.004

Unit Date

1925-1971

Language

The materials in the collection are in English.

Abstract

The collection contains correspondence; writings; research records; administrative, instructional, and consulting files; and photographs of Byron Nelson Cooper, professor of geology and head of Virginia Polytechnic Institute's Department of Geological Sciences from 1946 to 1971.

Creator

Cooper, Byron Nelson, 1912-1971

Extent

9 Cubic Feet 6 boxes

Physical Location

Please note: This collection is in off-site storage and requires 2-3 days notice for retrieval. Please contact Special Collections and University Archives for more information.

Repository

Special Collections and University Archives, Virginia Tech

Administrative Information

Conditions Governing Access

The collection is open for research.

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Source of Acquisition

The Byron Nelson Cooper Papers were donated to the Geology Library and transferred to Special Collections in 1973, 1977, 1980, and 1982.

Processing Information

The processing, arrangement, and description of the Byron Nelson Cooper Papers commenced in December 2012 and was completed in January 2013.

Preferred Citation

Researchers wishing to cite this collection should include the following information: [identification of item], [box], [folder], Byron Nelson Cooper Papers, Ms1973-004, Special Collections and University Archives, Virginia Tech, Blacksburg, Va.

Biographical Note

Byron Nelson Cooper was born the son of Frank L. and Stella P. Lynch Cooper in Plainfield, Indiana, on August 19, 1912. After graduating from DePauw University in 1934, Cooper earned his master's and doctoral degrees at the University of Iowa. Both his master's thesis (1935) and doctoral dissertation (1937) focused on topics relating to the geology of southwestern Virginia. While gathering research data in Southwest Virginia, Cooper met and married Elizabeth Doyne, of Pulaski County. (The couple would have two children.) Upon completion of his Ph.D., Cooper served as assistant professor of geology at Wichita University from 1937 to 1942, then as associate geologist of the Virginia Geological Survey for four years, before being named head of the Department of Geological Sciences at Virginia Polytechnic Institute in 1946.

Cooper became an active advocate for his charge, building a nationally recognized department from what had been a fledgling operation. He also promoted geology--particularly Appalachian geology--among the larger lay and professional community through speaking engagements and field trips. Cooper's consulting services were frequently sought by business and industrial concerns throughout Virginia, and he often assisted local governments, particularly with issues relating to water supply. He served on the Advisory Council on Virginia's Economy and the Governor's Advisory Council on Geology and was an active member of several professional organizations.

Byron Nelson Cooper died in his campus office on March 26, 1971.

Scope and Contents

This collection contains the papers of Byron Nelson Cooper, head of the Virginia Polytechnic Institute's Department of Geological Sciences from 1946 to 1971. Included are correspondence, writings, research data, and photographs, largely relating to Appalachian geology, particularly that of southwestern Virginia.

Separated Materials

The following item was removed from Cooper's papers and added to the Historical Map Collection:

Blacksburg, Va. Zoning Map. [Blacksburg, VA?: s.n.], 1968.

Related Archival Materials

See the Virginia Mineral Resources, Map-0080, which relates to Cooper, also at Special Collections and University Archives.

Keywords

Faculty and staff

Geology

Local/Regional History and Appalachian South

Science and Technology

University History

Virginia Polytechnic Institute (1944-1970)

Virginia Polytechnic Institute and State University (1970-)

Existence and Location of Copies

Some of this collection has been digitized and is available online.

Rights Statement for Archival Description

The guide to the Byron Nelson Cooper Papers by Special Collections and University Archives, Virginia Tech, is licensed under a CC0 (<https://creativecommons.org/share-your-work/public-domain/cc0/>).

Arrangement

The collection largely retains Cooper's original order, though a few changes have been made for clarity, and an assortment of unfiled materials have either been incorporated into existing files or added as new files. Among these previously unsorted materials are most of the collection's photographs and negatives. The collection is divided into two series:

Series I. Subject Files, 1925-1971. Cooper's subject files contain materials relating to the consulting work he performed for various businesses, industries, and local governments; his activities with various professional organizations; and both his instructional and administrative duties as head of Virginia Tech's Department of Geological Sciences. Included are correspondence and memoranda, drafts of research papers, research data and notes; preparatory materials for tours, talks, and publications; maps; printed materials; and photographs. Also included is a single folder relating to Cooper's personal life. The series is arranged alphabetically by subject. In cases in which a folder contains only a titled article or speech text, the file title has been placed in quotation marks.

Series II. Photographs and Negatives, 1953-ca. 1970. The items within this series were among materials in Cooper's papers that had remained largely unsorted and unfiled. The series consists largely of images of geological samples and sites, though it also includes photos of students, facilities, and general scenery. Also included are two short, unidentified 16mm films. The series is arranged alphabetically by subject, with a folder of miscellaneous images near the end.

Description of Subordinate Components

Series I. Subject Files

Unit Date 1925-1971

Ackermann, E. H.

Unit Date 1962

box 1

Container 1 (folder)

Advisory Committee on Geology

Unit Date 1953-1954

box 1

Container 2 (folder)

Advisory Committee on the Virginia Economy

Unit Date 1950-1959

box 1

Container 3 (folder)

Airport - Buchanan County, Virginia

Unit Date 1965

box 1

Container 4 (folder)

Allis-Chalmers Manufacturing Company

Unit Date 1961-1962

box 1

Container 5 (folder)

American Association for the Advancement of Science - Meeting

Unit Date 1956

box 1

Container 6 (folder)

American Association of Petroleum Geologists Guidebook

Unit Date 1959-1965

box 1

Container 7 (folder)

American Geological Institute

Unit Date 1949-1971, n.d.

box 1

Container 8 (folder)

American Zinc Exploration Company

Unit Date 1967-1968

box 1

Container 9 (folder)

Analysis of Bedrock Geology - Pulaski County, Virginia

Unit Date 1969

box 1

Container 10 (folder)

"Anhydrite in the Plasterco-Saltville-Chatham Hill Area, Smyth and Washington Counties, Virginia"

Unit Date 1968

box 1

Container 11 (folder)

"Appalachian Folding: a Control of Paleozoic Sedimentation in the Appalachian Geosyncline"

Unit Date 1952

box 1

Container 12 (folder)

Appalachian Geology

Unit Date 1960-1968, n.d.

box 1

Container 13 (folder)

Appalachian Geology (Geology 503)

Unit Date 1970, n.d.

box 1

Container 14 (folder)

Appalachian Region - Floods

Unit Date ca. 1968

box 1

Container 15 (folder)

Appalachian Shales

Unit Date 1969

box 1

Container 16 (folder)

"The Appalachian Structural and Topographic Front Between Narrows and Beckley, Virginia and West Virginia"

Unit Date n.d.

box 1

Container 17 (folder)

Argabrite v. Thompson

Unit Date 1965-1966

box 1

Container 18 (folder)

Atlantic-Richfield Company Digitizing Equipment

Unit Date 1968

box 1

Container 19 (folder)

Austinville - Ivanhoe Ore Bodies

Unit Date 1963

box 1

Container 20 (folder)

Austinville, Virginia - Rainfall Records

Unit Date 1958-1962

box 1

Container 21 (folder)

Baillio, Robert H.

Unit Date 1962

box 1

Container 22 (folder)

Bane Dome, Virginia

Unit Date 1947

box 1

Container 23 (folder)

Barium Reduction Corporation

Unit Date 1952-1953, n.d.

box 1

Container 24 (folder)

Bates, Robert L.

Unit Date 1960-1961

box 1

Container 25 (folder)

Beatrice Mine Maps

Unit Date 1961-1964

box 1

Container 26 (folder)

Beaver Products Company Mine Layout (North Holston, Virginia)

Unit Date 1930

box 1

Container 27 (folder)

Beck Tunnel to Iron Blossom

Unit Date n.d.

box 1

Container 28 (folder)

Bethlehem Mines

Unit Date 1962

box 1

Container 29 (folder)

Bevan, Arthur

Unit Date 1954-1958, n.d.

box 1

Container 30 (folder)

The Big Survey

Unit Date 1968-1970, n.d.

box 1

Container 31 (folder)

"The Big Survey: Nelson County, Virginia"

Unit Date 1970

box 1

Container 32 (folder)

Big Walker Mountain Tunnel

Unit Date 1968-1970, n.d.

box 1

Container 33 (folder)

Blacksburg Citizens for Better Government

Unit Date n.d.

box 1

Container 34 (folder)

Blacksburg-Pulaski Synclinorium

Unit Date n.d.

box 1

Container 35 (folder)

Blacksburg, Virginia - Roads and Planning

Unit Date 1963-1968, n.d.

box 1

Container 36 (folder)

Blaw-Knox Construction Company - Core Drill Locations

Unit Date 1952

box 1

Container 37 (folder)

Bonner Springs

Unit Date 1960

box 1

Container 38 (folder)

Broadway, Virginia - Sewage Lagoons

Unit Date 1961-1962, n.d.

box 1

Container 39 (folder)

Brown, William R.

Unit Date 1946-1948

box 1

Container 40 (folder)

"Brushite and Taranakite from Pig Holes Cave, Giles County, Virginia" by John W. Murray and Richard V. Dietrich

Unit Date 1956

box 1

Container 41 (folder)

Bulletin 62: Captions for Illustrations

Unit Date n.d.

box 1

Container 42 (folder)

Calco No. 1 Kipps Well Daily Formation Reports

Unit Date 1949

box-folder 1 (box)

Container 43 (folder)

Calver, James L. (state geologist)

Unit Date 1959

box 1

Container 44 (folder)

Canadian Shield - Map

Unit Date n.d.

box 1

Container 45 (folder)

"Careers in the Mineral Industries" by Thomas T. Read

Unit Date 1941

box 1

Container 46 (folder)

Celanese Fibers Company Drawings

Unit Date 1968

box 1

Container 47 (folder)

Cement Resources

Unit Date 1963, n.d.

box 1

Container 48 (folder)

"The Cenotaph of the V.P.I. Memorial"

Unit Date n.d.

box 1

Container 49 (folder)

Chevron Research Lab

Unit Date 1966-1969

box 1

Container 50 (folder)

Clintwood, Virginia - Groundwater Resources

Unit Date 1948

box 1

Container 51 (folder)

Coal - Southwest Virginia**Unit Date** 1962-1969**box** 1**Container** 52 (folder)**Colonna and Company****Unit Date** 1962-1963**box** 1**Container** 53 (folder)**Consulting Work****Unit Date** 1948-1971, n.d.**box** 1**Container** 54 (folder)**Cooper, Byron Nelson - Personal****Unit Date** 1937-1971, n.d.**box** 1**Container** 55 (folder)**"Critical Review of Literature on the Toxicity of Industrial Wastes and Their Components to Fish"****Unit Date** 1953**box** 1**Container** 56 (folder)**Decker, Charles E.****Unit Date** 1945-1947, n.d.**box** 1**Container** 57 (folder)**"Décollement Folding and Thrusting in the Appalachians"****Unit Date** n.d.**box** 1**Container** 58 (folder)**Derring Hall Addition Subcommittee****Unit Date** 1967-1968**box** 1**Container** 59 (folder)**Derring Hall Dedication****Unit Date** 1969, n.d.**box** 1**Container** 60 (folder)**Diamond Plastics Industries****Unit Date** 1963**box** 1**Container** 61 (folder)

Discharge Logs for Unidentified Stations

Unit Date 1966-1967, n.d.

box 1

Container 62 (folder)

**"Discovery of Folsom-Like Arrowpoint and Artifacts of Mastodon Bone in Southwest Virginia"
by R. W. Pickle**

Unit Date 1946

box 1

Container 63 (folder)

Dolostone

Unit Date n.d.

box 1

Container 64 (folder)

Eagle-Pilcher Company

Unit Date 1956

box 2

Container 1 (folder)

Eagle Rock Lime Company

Unit Date 1947-1954, n.d.

box 2

Container 2 (folder)

**"Effect of Stratigraphic Variations on Mining of High-Calcium Limestone at Kimballton,
Virginia"**

Unit Date 1949

box 2

Container 3 (folder)

Electron Microprobe Committee

Unit Date 1965

box 2

Container 4 (folder)

Engineers' Club of the Virginia Peninsula

Unit Date 1954, n.d.

box 2

Container 5 (folder)

"Erosion of Public Trust"

Unit Date 1971, n.d.

box 2

Container 6 (folder)

**"Evaluation of Stone Reserves of Virginian Limestone - Limestone Corporation, Klotz,
Virginia"**

Unit Date 1962

box 2

Container 7 (folder)

Field Books

Unit Date [1962-1965]

box 2

Container 8 (folder)

Field Books

Unit Date [1967-1971]

box 2

Container 9 (folder)

Fishburn Land Committee

Unit Date 1954, n.d.

box 2

Container 10 (folder)

Foote Mineral Company - Horton Summit Property

Unit Date 1951-1955, n.d.

box 2

Container 11 (folder)

Physical Characteristics [2 folders]

Fortran Cards (map area calculations)

Unit Date n.d.

box 2

Container 12 (folder)

Freeport Sulphur Company

Unit Date 1964, n.d.

box 2

Container 13 (folder)

Friendsville Area

Unit Date 1951, n.d.

box 2

Container 14 (folder)

Fishersville, Virginia Anomaly

Unit Date n.d.

box 2

Container 15 (folder)

"Gastropoda of the Middle Ordovician Peery and Murfreesboro Formations of Virginia and Tennessee"

Unit Date n.d.

box 2

Container 16 (folder)

General Stone and Materials Corporation

Unit Date 1963-1966

box 2

Container 17 (folder)

Geneva Works

Unit Date 1953-1955, n.d.

box 2

Container 18 (folder)

Physical Characteristics [2 folders]

"Geologic Control of Rainfall - Runoff Relations in the Peak Creek Watershed, Pulaski and Wythe Counties, Virginia,"

Unit Date 1969

box 2

Container 19 (folder)

"Geologic Enterprise in Virginia - Present and Future"

Unit Date n.d.

box 2

Container 20 (folder)

Geologic Sections - Measurements

Unit Date n.d.

box 2

Container 21 (folder)

Geologic Sections - Virginia and Tennessee

Unit Date 1948-1970

box 2

Container 22 (folder)

Physical Characteristics [2 folders]

Geological Inquiries (general)

Unit Date 1948-1970

box 2

Container 23 (folder)

Geological Profiles

Unit Date n.d.

box 2

Container 24 (folder)

Geological Society of America - Southeastern Section Field Trips

Unit Date 1957

box 2

Container 25 (folder)

Geological Society of America - Southeastern Section Meeting

Unit Date 1962-1963, n.d.

box 2

Container 26 (folder)

Geological Society of America - Southeastern Section Meeting Proposal

Unit Date 1969-1970

box 2

Container 27 (folder)

"Geology and Industrial Development"

Unit Date n.d.

box 2

Container 28 (folder)

"Geology and Industrial Development in Virginia"

Unit Date 1954, n.d.

box 2

Container 29 (folder)

"Geology and Pollution"

Unit Date n.d.

box 2

Container 30 (folder)

Geology Bibliography

Unit Date 1956-1966

box 2

Container 31 (folder)

Physical Characteristics [2 folders]

Geology Course Materials

Unit Date 1954-1970, n.d.

box 2

Container 32 (folder)

Geology Field Camp - Saltville

Unit Date 1956-1959

box 3

Container 1 (folder)

Geology Field Tours (non-VPI)

Unit Date 1950-1971

box 3

Container 2 (folder)

Geology - Miscellaneous Correspondence

Unit Date 1948-1971, n.d.

box 3

Container 3 (folder)

Geology - Miscellaneous Notes

Unit Date n.d.

box 3

Container 4 (folder)

"Geology of the Johns Creek Reservoir and Damsite, Craig County, Virginia"

Unit Date ca. 1948

box 3

Container 5 (folder)

"Geology of the Salt and Gypsum Deposits in the Saltville Area, Smyth and Washington Counties, Virginia"

Unit Date n.d.

box 3

Container 6 (folder)

Geology Professional Organizations and Conferences

Unit Date 1948-1968, n.d.

box 3

Container 7 (folder)

Geology Students and Alumni

Unit Date 1953-1971

box 3

Container 8 (folder)

Giles County, Virginia

Unit Date n.d.

box 3

Container 9 (folder)

Grand Appalachian Excursion

Unit Date 1961, n.d.

box 3

Container 10 (folder)

"Ground Water: Its Occurrence and Utility"

Unit Date 1966

box 3

Container 11 (folder)

Guidebook Proofs

Unit Date 1961

box 3

Container 12 (folder)

Gulf Oil Corporation

Unit Date 1960-1967

box 3

Container 13 (folder)

Harrisonburg, Virginia - Water Supply

Unit Date 1934-1958, n.d.

box 3

Container 14 (folder)

Highway Engineering**Unit Date** 1951**box** 3**Container** 15 (folder)**Holston River - North Fork****Unit Date** 1954-1956, n.d.**box** 3**Container** 16 (folder)**Physical Characteristics** [2 folders]**Holston River - North Fork: Report by the Academy of Natural Sciences of Philadelphia****Unit Date** 1955, n.d.**box** 3**Container** 17 (folder)**Holston River - North Fork: Sanitary Waste Analysis****Unit Date** 1937-1951**box** 3**Container** 18 (folder)**Holston River - North Fork: Virginia State Water Control Board****Unit Date** 1953-1957, n.d.**box** 3**Container** 19 (folder)**Horton's Summit, Virginia - Maps****Unit Date** 1952, n.d.**box** 3**Container** 20 (folder)**"How to Catch a Genius"****Unit Date** n.d.**box** 3**Container** 21 (folder)**Howell, B. F.****Unit Date** 1945-1946**box** 3**Container** 22 (folder)**Huntley and Huntley****Unit Date** 1962-1963**box** 3**Container** 23 (folder)**Hutcheson, John Redd Memorial****Unit Date** 1962**box** 3**Container** 24 (folder)

"Industrial Quartzite in Virginia"**Unit Date** 1951**box** 3**Container** 25 (folder)**International Mineralogical Association****Unit Date** 1962**box** 3**Container** 26 (folder)**Iron Ore - Newspaper Clippings****Unit Date** 1960**box** 3**Container** 27 (folder)**Iron Ore - Speeches****Unit Date** n.d.**box** 3**Container** 28 (folder)**Iron Ore Studies****Unit Date** 1960-1961, n.d.**box** 3**Container** 29 (folder)**Island Creek Coal Company - Drill Reports****Unit Date** 1956-1958**box** 3**Container** 30 (folder)**Ivanhoe, Virginia - Surface Subsidence Map****Unit Date** 1958**box** 3**Container** 31 (folder)**James River Basin****Unit Date** 1947, n.d.**box** 3**Container** 32 (folder)**James River Hydrate and Supply Company****Unit Date** 1962-1967**box** 3**Container** 33 (folder)**Lerch Brothers and Wakefield tests****Unit Date** 1963-1964, n.d.**box** 3**Container** 34 (folder)

Lesure, Frank**Unit Date** 1953-1954**box** 3**Container** 35 (folder)**Lightweight Aggregate****Unit Date** 1964-1966, n.d.**box** 3**Container** 36 (folder)**Limestone****Unit Date** 1955-1964, n.d.**box** 3**Container** 37 (folder)**"Location Report for Interstate Highway 77 - Princeton, W. Va. to Elkin, N.C." by J. E. Grainer Company****Unit Date** 1960**box** 3**Container** 38 (folder)**Locher Silica Corporation****Unit Date** 1965-1966**box** 3**Container** 39 (folder)**Lone Star Cement Corporation****Unit Date** 1958-1965**box** 3**Container** 40 (folder)**Luray Textile****Unit Date** 1964-1967, n.d.**box** 3**Container** 41 (folder)**Manganese****Unit Date** 1948-1954**box** 3**Container** 42 (folder)**"Manganiferous Quartzite Deposits in the Lick Mountains - Wythe County, Virginia"****Unit Date** 1966**box** 3**Container** 43 (folder)**Maps, Topographic (USGS) - Tennessee****Unit Date** 1925-1942, n.d.**box** 3**Container** 44 (folder)

Physical Characteristics [2 folders]

Maps, Topographic (USGS) - other states

Unit Date 1932-1954, n.d.

box 3

Container 45 (folder)

Maps, Unidentified

Unit Date n.d.

box 3

Container 46 (folder)

Maps - Virginia (partial)

Unit Date 1930-1963, n.d.

box 3

Container 47 (folder)

Marble Companies

Unit Date 1959-1962, n.d.

box 3

Container 48 (folder)

Marble Valley Pumped Storage Project

Unit Date 1969

box 4

Container 1 (folder)

Martin Processing Company

Unit Date 1963, n.d.

box 4

Container 2 (folder)

Martinsburg, West Virginia

Unit Date 1964

box 4

Container 3 (folder)

"Martinsburg and 'Athens' Shale Formations Along Interstate Route 81 from Mason Creek to Hollins in Roanoke County, Virginia"

Unit Date 1962

box 4

Container 4 (folder)

Mathieson Chemical Corporation

Unit Date 1953-1969, n.d.

box 4

Container 5 (folder)

Physical Characteristics [2 folders]

Mathieson Chemical Corporation - core drilling log reports

Unit Date 1960, n.d.

box 4

Container 6 (folder)

Mathieson Chemical Corporation: record of hearing

Unit Date 1956

box 4

Container 7 (folder)

Mathieson Chemical Corporation - T. T. Taylor property

Unit Date 1963

box 4

Container 8 (folder)

"The Max Meadows Breccias: A Reply"

Unit Date n.d.

box 4

Container 9 (folder)

Max Meadows Oil Company

Unit Date 1968, n.d.

box 4

Container 10 (folder)

McGill, William H. (state geologist)

Unit Date 1949-1954

box 4

Container 11 (folder)

Meadow Creek Corporation

Unit Date 1948-1949, n.d.

box 4

Container 12 (folder)

"Memorandum on Limestone Resources in the Swords Creek Area, Virginia"

Unit Date 1951

box 4

Container 13 (folder)

"Memorandum Report on Possibilities for Oil in the Vicinity of Speedwell, Tenn."

Unit Date 1947

box 4

Container 14 (folder)

Middlesboro, Kentucky

Unit Date 1968

box 4

Container 15 (folder)

Mineral Depletion Allowances

Unit Date 1965, n.d.

box 4

Container 16 (folder)

Mineral Industries Journal

Unit Date 1957-1959, n.d.

box 4

Container 17 (folder)

Physical Characteristics [2 folders]

Mineral Industries Personnel in Virginia

Unit Date 1951, n.d.

box 4

Container 18 (folder)

Mineral Research Laboratory

Unit Date 1964-1965, n.d.

box 4

Container 19 (folder)

Minerals Development Corporation

Unit Date 1963

box 4

Container 20 (folder)

Mississippian Correlations

Unit Date 1945, n.d.

box 4

Container 21 (folder)

Montgomery County, Virginia - elevations

Unit Date n.d.

box 4

Container 22 (folder)

"Mountain City - Doe Mountain Properties"

Unit Date 1969

box 4

Container 23 (folder)

Murrill, Ashley

Unit Date 1952

box 4

Container 24 (folder)

National Crushed Stone Association

Unit Date 1962

box 4

Container 25 (folder)

National Science Foundation

Unit Date 1965-1967, n.d.

box 4

Container 26 (folder)

National Science Foundation - equipment

Unit Date 1962, n.d.

box 4

Container 27 (folder)

National Science Foundation - undergraduate research participation in the geological sciences

Unit Date 1958

box 4

Container 28 (folder)

Nelson, Bruce

Unit Date 1956-1963

box 4

Container 29 (folder)

"New Virginia Mineral Resources Map Published"

Unit Date n.d.

box 4

Container 30 (folder)

Newman, Walter S.

Unit Date 1948-1959

box 4

Container 31 (folder)

Newman, Walter S. - Inaugural Committee

Unit Date 1948-1949, n.d.

box 4

Container 32 (folder)

Scope and Contents

[includes typed letters signed by Dwight D. Eisenhower, Milton S. Eisenhower, James W. Fulbright, George C. Marshall, and Harry F. Byrd]

Norfolk and Western Railway Company

Unit Date 1953-1964, n.d.

box 4

Container 33 (folder)

Norris, E. B.

Unit Date 1947-1948

box 4

Container 34 (folder)

Norris Silt Range Movements - map

Unit Date n.d.

box 4

Container 35 (folder)

Ordovician Subcommittee on Stratigraphical Paleontology, National Research Council

Unit Date 1947-1949, n.d.

box 4

Container 36 (folder)

Pardue, Louis A.

Unit Date 1959

box 4

Container 37 (folder)

"Patterns for Mineral Research"

Unit Date 1964

box 4

Container 38 (folder)

Pegmatites in the Bedford Area, Virginia"

Unit Date n.d.

box 4

Container 39 (folder)

"Penecontemporaneous Down-Dip Slump Structures in Middle Ordovician Limestone, Harrisonburg, Virginia"

Unit Date n.d.

box 4

Container 40 (folder)

Penrose Medal Committee, Geological Society of America

Unit Date 1957, n.d.

box 4

Container 41 (folder)

"Petrology, Petrography, and Origin of the Shady Dolomite in the Cripple Creek Area, Wythe County, Virginia" by David Allen Aronson

Unit Date ca. 1968

box 4

Container 42 (folder)

Physical Characteristics [2 folders]

Pollution

Unit Date 1969, n.d.

box 4

Container 43 (folder)

"Preparation of Iron Ore Concentrates of Commercial Grade from Iron-Bearing Sandstones in Western Virginia"

Unit Date n.d.

box 4

Container 44 (folder)

"The Price Mountain Well - Montgomery County, Virginia"

Unit Date 1949

box 4

Container 45 (folder)

"Primary Dolomite?"

Unit Date 1955

box 4

Container 46 (folder)

"Profile of the Folded Appalachians of Western Virginia"

Unit Date 1968

box 4

Container 47 (folder)

"Profile of the Folded Appalachians of Western Virginia"

Unit Date n.d.

box 4

Container 48 (folder)

"Prospecting for Oil Near Blacksburg, Virginia"

Unit Date n.d.

box 4

Container 49 (folder)

Pulaski County

Unit Date 1967-1968, n.d.

box 4

Container 50 (folder)

Pulaski faults

Unit Date 1969-1971, n.d.

box 4

Container 51 (folder)

"The Quandary in University Management of Environmental Sciences"

Unit Date n.d.

box 5

Container 1 (folder)

Radford Arsenal - well

Unit Date 1962, n.d.

box 5

Container 2 (folder)

Radford Stone Sand Report

Unit Date 1958

box 5

Container 3 (folder)

"The Raines Hollow Reservoir Project"

Unit Date 1957

box 5

Container 4 (folder)

"Regional Geophysical Data and their Relation to the Appalachians in Central and Western Virginia" by Robert W. Johnson Jr.

Unit Date 1957

box 5

Container 5 (folder)

"Relation of Stratigraphy to Structure in the Southern Appalachians"

Unit Date 1964

box 5

Container 6 (folder)

"Relation of the Pulaski and Seven Springs Faults in Southwestern Virginia"

Unit Date n.d.

box 5

Container 7 (folder)

"Report of Investigation of Geological Conditions in the Vicinity of the Williamsburg Reservoir"

Unit Date 1963

box 5

Container 8 (folder)

"Report of Investigation of Proposed Dam Site for Waste Sludge Impoundment at Covington, Virginia"

Unit Date 1963

box 5

Container 9 (folder)

"Report on Foundation Conditions at Southwest Wing of Appomattox River Dam"

Unit Date 1967

box 5

Container 10 (folder)

"Report on Grecian Marble Slabs Used in the New Rockland County Courthouse, New York"

Unit Date 1963

box 5

Container 11 (folder)

"Report on Petrographic Examination of No. 1 Arctic Quartz Sample Submitted 7/28"

Unit Date 1967

box 5

Container 12 (folder)

"Research and Effective Teaching in the Geological Sciences"

Unit Date 1958

box 5

Container 13 (folder)

"Review of the Geologic-Hydrologic Conditions in the Marble Valley Area, Virginia"

Unit Date 1969

box 5

Container 14 (folder)

Richmond Southern Alabama Dam Aggregate

Unit Date n.d.

box 5

Container 15 (folder)

Roanoke County Blasting Project Damage Claims

Unit Date 1962

box 5

Container 16 (folder)

Roanoke Electric Steel

Unit Date 1959

box 5

Container 17 (folder)

Roanoke, Virginia

Unit Date 1960-1965, n.d.

box 5

Container 18 (folder)

Roanoke - wells

Unit Date 1966

box 5

Container 19 (folder)

Rock Mechanics

Unit Date n.d.

box 5

Container 20 (folder)

Rock Samples from Penn Laird, Virginia Area

Unit Date n.d.

box 5

Container 21 (folder)

Rockydale quarries

Unit Date 1962-1964

box 5

Container 22 (folder)

"Role of Subsidence in the Evolution of Folded Mountains"

Unit Date 1958

box 5

Container 23 (folder)

"The Role of the Division of Industrial Development and the Advisory Council on the Virginia Economy on Research for Industrial Development"

Unit Date 1959

box 5

Container 24 (folder)

"Roles of Fossils in Appalachian Stratigraphy"

Unit Date 1971

box 5

Container 25 (folder)

"Rose Hill Oil Field, Virginia"

Unit Date 1948

box 5

Container 26 (folder)

Saltville Brine Field

Unit Date 1960, n.d.

box 5

Container 27 (folder)

Saltville - chemical effluents and North Fork of Holston River

Unit Date 1953, n.d.

box 5

Container 28 (folder)

Saltville - muck dam, river bridge, and highway photographs

Unit Date 1953

box 5

Container 29 (folder)

Saltville - muck pond discharge

Unit Date 1954, n.d.

box 5

Container 30 (folder)

Saltville - salt reserves

Unit Date 1951-1958, n.d.

box 5

Container 31 (folder)

Salvation Army - Sinking Creek Valley well

Unit Date 1962

box 5

Container 32 (folder)

Science in Virginia High Schools Questionnaire

Unit Date n.d.

box 5

Container 33 (folder)

Seale, Fred - Powell Valley, Tennessee

Unit Date 1948-1963, n.d.

box 5

Container 34 (folder)

Sedimentation Doctoral Program Proposal

Unit Date 1960-1961, n.d.

box 5

Container 35 (folder)

"Shales in Appalachian Geology"

Unit Date n.d.

box 5

Container 36 (folder)

"Significance of Hayter Fans in the Geomorphic History of Western Virginia"

Unit Date 1950

box 5

Container 37 (folder)

Smithsonian Institution

Unit Date 1945-1950

box 5

Container 38 (folder)

Smyth County Community Hospital site

Unit Date 1963-1964

box 5

Container 39 (folder)

Southwestern State Hospital (Marion, Virginia) water supply

Unit Date 1958-1959, n.d.

box 5

Container 40 (folder)

Southwestern United States - descriptions of illustration plates

Unit Date n.d.

box 5

Container 41 (folder)

Stanolind Oil and Gas Company

Unit Date 1947

box 5

Container 42 (folder)

"Status of Mississippian Stratigraphy in the Central and Northern Appalachian Region"

Unit Date 1948

box 5

Container 43 (folder)

Steel in Western Virginia

Unit Date 1957-1961, n.d.

box 5

Container 44 (folder)

Steel Mill in Radford, Virginia - feasibility

Unit Date 1956-1958, n.d.

box 5

Container 45 (folder)

Physical Characteristics [2 folders]

Steel Mill - market survey

Unit Date ca. 1956

box 5

Container 46 (folder)

Steel Mill Potential in Western Virginia

Unit Date 1957-1958, n.d.

box 5

Container 47 (folder)

Stone Products Corporation

Unit Date 1963

box 5

Container 48 (folder)

"Stratigraphy of the Pearsburg Syncline Area, Giles County, Virginia" by H. M. Whitman

Unit Date 1960

box 5

Container 49 (folder)

Structural and Tectonic Principles book review

Unit Date 1966

box 5

Container 50 (folder)

Studies of Appalachian geology: central and southern

Unit Date 1967, n.d.

box 5

Container 51 (folder)

"Suggestions regarding an oil and gas act for Virginia"

Unit Date 1949

box 5

Container 52 (folder)

"Summary of Activities of the Geological Survey"

Unit Date [1955]

box 5

Container 53 (folder)

Tectonics**Unit Date** 1968**box** 5**Container** 54 (folder)**Thomasville Stone and Limestone Company****Unit Date** 1953-1966**box** 5**Container** 55 (folder)**Timberville, Virginia - cave-ins****Unit Date** 1961-1964, n.d.**box** 5**Container** 56 (folder)**Toms Creek Core Drilling Project****Unit Date** 1952, n.d.**box** 5**Container** 57 (folder)**"Trilobites from the Lower Champlainian Formations of the Appalachian Valley"****Unit Date** n.d.**box** 5**Container** 58 (folder)**Underground Disposal of Effluent****Unit Date** 1953-1957**box** 6**Container** 1 (folder)**Union Bag-Camp Paper Corporation - Dismal Swamp property****Unit Date** 1959-1963**box** 6**Container** 2 (folder)**United Plastic Corporation****Unit Date** 1962**box** 6**Container** 3 (folder)**United States v. Cannelton Sewer Pipe Company****Unit Date** 1960**box** 6**Container** 4 (folder)**"The University and the Learning Process"****Unit Date** n.d.**box** 6**Container** 5 (folder)

University of North Carolina

Unit Date 1962

box 6

Container 6 (folder)

Untitled speech

Unit Date 1964

box 6

Container 7 (folder)

"Vertical stylolites"

Unit Date n.d.

box 6

Container 8 (folder)

Virginia Academy of Science

Unit Date 1949-1950

box 6

Container 9 (folder)

Virginia Agricultural Experiment Station

Unit Date 1954

box 6

Container 10 (folder)

Virginia Association of Professional Geologists

Unit Date 1961-1963, n.d.

box 6

Container 11 (folder)

Virginia Coal and Iron Company

Unit Date 1961-1962, n.d.

box 6

Container 12 (folder)

Virginia Coal and Iron Company

Unit Date 1963-1968, n.d.

box 6

Container 13 (folder)

Virginia Dunbrick Company

Unit Date 1961-1962

box 6

Container 14 (folder)

Virginia Iron Coal and Coke Company - drill log

Unit Date 1968

box 6

Container 15 (folder)

Virginia Polytechnic Institute**Unit Date** 1953-1970**box** 6**Container** 16 (folder)**Virginia Polytechnic Institute Department of Geological Sciences****Unit Date** 1948-1971, n.d.**box** 6**Container** 17 (folder)**Physical Characteristics** [2 folders]**Virginian Limestone Corporation****Unit Date** 1954-1968**box** 6**Container** 18 (folder)**"Virginia's Outdoor Laboratory"****Unit Date** n.d.**box** 6**Container** 19 (folder)**Ward, L. E. Jr.****Unit Date** 1953-1954**box** 6**Container** 20 (folder)**Ward's Natural Science Establishment****Unit Date** 1946-1948**box** 6**Container** 21 (folder)**Water Analysis Reports****Unit Date** 1960-1961**box** 6**Container** 22 (folder)**Water Laws and Agencies (Virginia)****Unit Date** 1964-1965, n.d.**box** 6**Container** 23 (folder)**Water Resources Research Institute****Unit Date** 1964-1965, n.d.**box** 6**Container** 24 (folder)**Water Well Recommendations and Specifications****Unit Date** n.d.**box** 6**Container** 25 (folder)

Weller, Marvin

Unit Date 1945-1947, n.d.

box 6

Container 26 (folder)

"When Was the Holston Mountain-Iron Mountain Thrust Formed?"

Unit Date n.d.

box 6

Container 27 (folder)

"Whiskey for the Cat"

Unit Date n.d.

box 6

Container 28 (folder)

Wiley and Wilson

Unit Date 1958-1970, n.d.

box 6

Container 29 (folder)

Woodbridge Clay Products

Unit Date 1961-1962

box 6

Container 30 (folder)

Wytheville Formation lithologic variations diagram

Unit Date n.d.

box 6

Container 31 (folder)

Zinc and Lead Resources of Southwestern Virginia

Unit Date n.d.

box 6

Container 32 (folder)

Physical Characteristics [2 folders]

Series II. Photographs and Negatives

Unit Date 1953-ca. 1970

Aerial photographs

Unit Date 1953-1954, n.d.

box 6

Container 33 (folder)

Aragonite Crystal Negatives

Unit Date n.d.

box 6

Container 34 (folder)

Caliente Range - Carrizo Plains Photographs**Unit Date** n.d.**box** 6**Container** 35 (folder)**Cedar Grove Photographs and Negatives****Unit Date** n.d.**box** 6**Container** 36 (folder)**Gatewood Dam and Stream Gage Stations Photographs****Unit Date** n.d.**box** 6**Container** 37 (folder)**Geological Samples - One-Second Exposure Negatives****Unit Date** n.d.**box** 6**Container** 38 (folder)**Geological Samples Negatives****Unit Date** n.d.**box** 6**Container** 39 (folder)**Klotz Quarry Photographs****Unit Date** n.d.**box** 6**Container** 40 (folder)**Paleo Report Negatives****Unit Date** 1954**box** 6**Container** 41 (folder)**Paleo Report Negatives (Moore)****Unit Date** 1955**box** 6**Container** 42 (folder)**Paleo Report Negatives (Steele)****Unit Date** 1955**box** 6**Container** 43 (folder)**Paleo Report Negatives****Unit Date** 1956**box** 6**Container** 44 (folder)

Paleo Report Negatives**Unit Date** n.d.**box** 6**Container** 45 (folder)**Smyth County Geology and Field Camp Photographs and Negatives****Unit Date** n.d.**box** 6**Container** 46 (folder)**Virginia Fisheries Laboratory****Unit Date** n.d.**box** 6**Container** 47 (folder)**Virginia Polytechnic Institute Department of Geology (rocks, camps, field trips, etc.) Negatives****Unit Date** n.d.**box** 6**Container** 48 (folder)**Western United States Negatives****Unit Date** n.d.**box** 6**Container** 49 (folder)**Miscellaneous Photographs and Negatives****Unit Date** 1954-ca. 1970, n.d.**box** 6**Container** 50 (folder)**Geology Awards and Mrs. Davis****Unit Date** 1956**Zone 1 Yorktown Fossils****Unit Date** n.d.**Unidentified Woman (probably Elizabeth Cooper) on Farm****Unit Date** n.d.**Faculty and Students Using Laboratory Equipment****Unit Date** n.d.**Unidentified Specimens****Unit Date** n.d.**North Fork of Holston River****Unit Date** 1954**Carolina gneiss -Transylvania County, North Carolina****Unit Date** n.d.

Spruce Run Mountain

Unit Date n.d.

Boulder on Salt Pond Mountain

Unit Date n.d.

Shale Near Princeton Gate

Unit Date n.d.

St. Clair Fault - Near Narrows, Virginia

Unit Date n.d.

Unidentified Man Preparing Rock Samples

Unit Date n.d.

Railway Tunnel [probably Montgomery, Virginia]

Unit Date n.d.

Cooper with Students at Granite Quarry in Mt. Airy, North Carolina

Unit Date ca. 1970

Unidentified Rock Outcroppings

Unit Date n.d.

Unidentified Bridge

Unit Date n.d.

Aerial View of North Carolina Granite Corporation Quarry

Unit Date n.d.

Drilling Rig

Unit Date n.d.

Unidentified Student Organization

Unit Date n.d.

Unidentified 16mm Short Films

Unit Date n.d.