



**U.S. GEOLOGICAL SURVEY FIELD RECORDS LIBRARY
DENVER, COLORADO**

BRUCE HAZELTON BRYANT

(1930-)

NOTES, CORRESPONDENCE, PAPERS

1953 - 1976

(10.4 Linear Feet, 23 Map Folders and 2 Map Rolls)

Bryant was born in New York City, NY on September 25, 1930. He received his AB in 1951 from Dartmouth College, and his PhD from the University of Washington in 1955. Bryant began his career in 1955, and was a resident geologist for the U.S. Geological Survey 1963-1969. He became a Geologist for the U.S. Geological Survey 1969-1995, and served as a Scientist Emeritus from 1995-. His areas of specialty included geologic mapping, structural geology, and petrology of igneous and metamorphic rocks.

INVENTORY

by

Carol A. Edwards
U.S. Geological Survey Field Records Library
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
August 2004

Location of Field Notebooks CS 21-9 thru 12

**GEOLOGY OF THE GRANDFATHER MOUNTAIN WINDOW AND
VICINITY, NORTH CAROLINA AND TENNESSEE
1956-1962**

<u>Item Number</u>	<u>Description</u>
NO-02955	D.B. Andretta. Geologic notes, station locations A-1 – A-283. Morganton North 7.5' quadrangle, Burke and Caldwell Counties, North Carolina. Book A-1. 1961.
NO-02956	D.B. Andretta. Geologic notes, station locations A-284 – A-559. Drexel and Morganton North 7.5' quadrangles, Burke and Caldwell Counties, North Carolina. Book A-2. 1961.
NO-02957	D.B. Andretta. Geologic notes, station locations A-560 – A-829. Collettsville, Drexel, and Lenoir 7.5' quadrangles, Caldwell County, North Carolina. Bok A-3. 1961-1962.
NO-02958	D.B. Andretta. Geologic notes, station locations A-830 – A-1089. Collettsville and Lenoir 7.5' quadrangles, Caldwell County, North Carolina. Book A-4. 1962.
NO-02959	D.B. Andretta. Geologic notes, station locations A-1090 – A-1119. Lenoir and Marion 15' quadrangles, and Little Switzerland 7.5' quadrangle, Caldwell and McDowell Counties, North Carolina. Book A-5. no date.
NO-02960	R.L. Beck. Geologic notes, station locations H-1 – H-182. Oak Hill 7.5' quadrangle, Burke County, North Carolina. Book 1. 1959.
NO-02961	R.L. Beck. Geologic notes, station locations H-183 – H-242. Oak Hill 7.5' quadrangle, Burke County, North Carolina. Book 2. 1959.
NO-02962	K.E. Billeau. Geologic notes, station locations EA-1-1 – EA-11-21. Elk Park, Newland, Grandfather Mountain, and Valle Crucis 7.5' quadrangles, Avery, Caldwell and Watauga Counties, North Carolina. Book EA. 1959.
NO-02963	K.E. Billeau. Geologic notes, station locations EB-1-1 – EB-5-5. Boone and Valle Crucis 7.5' quadrangles, Watauga County, North Carolina. Book EB. 1959.
NO-02964	B. Bryant. Reconnaissance field notes, station location numbers RE-1-1 – RE-81-3. Ashford, Chestnut Mountain, Elk Park, Grandfather Mountain, Linville Falls, Newland, and Valle Crucis 7.5' quadrangles, and Blowing Rock 15' quadrangle, Avery, Burke, Caldwell, McDowell, Mitchell, and Watauga Counties, North Carolina, Carter County, Tennessee, and Washington County, Virginia. Book RE. 1956.
NO-02965	B. Bryant. Geologic notes, station locations RE-82-111. Linville Falls, Maple

Springs, Newland, and Valle Crucis 7.5' quadrangles, Lenoir, Blowing Rock, and Linville Falls 15' quadrangles, in Avery, Burke, Caldwell, Watauga, and Wilkes Counties, North Carolina. Book A. 1956.

- NO-02966 B. Bryant. Geologic notes, station locations B-1-1 – B-66. Elk Park and Newland 7.5' quadrangles, Avery County, North Carolina. Book B. 1956.
- NO-02967 B. Bryant. Geologic notes, station locations C-1-1 – C-67-3. Elk Park and Newland 7.5' quadrangles, Avery County, North Carolina. Book C. 1956.
- NO-02968 B. Bryant. Geologic notes, station locations D-1-1 – D-75-3. Elk Park 7.5' quadrangle, Avery County, North Carolina and Carter County, Tennessee. Book D. 1956-1957.
- NO-02969 B. Bryant. Geologic notes, station locations E-1-1 – E-67-2. Elk Park 7.5' quadrangle, Avery and Watauga Counties, North Carolina and Carter County, Tennessee. Book 2. 1957.
- NO-02970 B. Bryant. Geologic notes, station locations F-1-1 – F-69-3. Elk Park 7.5' quadrangle, Avery County; Valle Crucis 7.5' quadrangle, Avery and Watauga Counties, North Carolina. 1957.
- NO-02971 B. Bryant. Geologic notes, station locations G-1-1 – G-71-1. Elk Park, Sherwood, and Valle Crucis 7.5' quadrangles, Watauga County, North Carolina. Book G. 1971.
- NO-02972 B. Bryant. Geologic notes, station locations H-1-1 – H-68-1. Elk Park, Newland, and Valle Crucis 7.5' quadrangles, Avery and Watauga Counties, North Carolina. Book H. 1957.
- NO-02973 B. Bryant. Geologic note, station locations I-1-1 – I-73-2. Chestnut Mountain, Grandfather Mountain, and Linville Falls 7.5' quadrangles, Burke County, North Carolina. Book I. 1957.
- NO-02974 B. Bryant. Geologic notes, station locations J-1-1 – J-70-3. Elk Park, Grandfather Mountain, Linville Falls, and Newland 7.5' quadrangles, Avery and Burke Counties, North Carolina. Book J. 1957.
- NO-02975 B. Bryant. Geologic notes, station locations K-1-1 – K-70-1. Grandfather Mountain and Newland 7.5' quadrangles, Avery County, North Carolina. Book K. 1957.
- NO-02976 B. Bryant. Geologic notes, station locations L-1-1 – L-72-1. Elk Park, Grandfather Mountain, Newland, Linville Falls, Chestnut Mountain, and Globe 7.5' quadrangles, Avery, Burke, and Caldwell Counties, North Carolina. Book L. 1957-1958.

- NO-02977 B. Bryant. Geologic notes, station locations M-1-1 – M-70-1. Grandfather Mountain and Linville Falls 7.5' quadrangles, Avery and Caldwell Counties, North Carolina. Book M. 1958.
- NO-02978 B. Bryant. Geologic notes, station locations N-1-1 – N-70-1. Grandfather Mountain and Newland 7.5' quadrangles, Avery and Caldwell Counties, North Carolina. Book N. 1958.
- NO-02979 B. Bryant. Geologic notes, station locations O-1-1 – O-74-3. Elk Park, Grandfather Mountain, Newland, Linville Falls, and Spruce Pine 7.5' quadrangles, Avery, Burke, and Mitchell Counties, North Carolina. Book O. 1958.
- NO-02980 B. Bryant. Geologic notes, station locations P-1-1 – P-71-1. Elk Park, Newland, and Carver's Gap 7.5' quadrangles, Avery County, North Carolina. Book P. 1958.
- NO-02981 B. Bryant. Geologic notes, station locations Q-2-1 – Q-75-3. Elk Park, Grandfather Mountain, Newland, Valle Crucis and Spruce Pine 7.5' quadrangles, Avery, Mitchell County; and Watauga County, all in North Carolina. Book Q. 1958.
- NO-02982 B. Bryant. Geologic note, station locations R-1-1 – R-74-2. Grandfather Mountain, Newland, and Valle Crucis 7.5' quadrangles, Buncombe and Watauga Counties, North Carolina; and, Roan Mountain area, Carter County, Tennessee. Book R. 1958.
- NO-02983 B. Bryant. Geologic notes, station locations S-1-1 – S-71-4. Elk Park, Grandfather Mountain, Newland, Globe, and Sherwood 7.5' quadrangles, Avery, Caldwell, and Watauga Counties, North Carolina, and Elk Park 7.5' quadrangle and Little Pine Mountain area, Carter County, Tennessee. Book S. 1959.
- NO-02984 B. Bryant. Geologic notes, station locations T-1-1 – T-69-4. Boone, Carver's Gap, Newland, and Valle Crucis 7.5' quadrangles, Avery and Watauga Counties, North Carolina. Book T. 1959.
- NO-02985 B. Bryant. Geologic notes, station locations U-1-1 – U-68-4. Boone 7.5' quadrangle, Watauga County, North Carolina. Book U. 1959.
- NO-02986 B. Bryant. Geologic notes, station locations W-1-1 – W-70-3. Elk Park, Grandfather Mountain, Boone, Deep Gap, and Globe 7.5' quadrangles, Avery, Caldwell, and Watauga Counties, North Carolina. Book W. 1959.
- NO-02987 B. Bryant. Geologic notes, station locations X-1-1 – X-71-3. Globe and Boone 7.5' quadrangles, Caldwell and Watauga Counties, North Carolina. Book X.

1959-1960.

- NO-02988 B. Bryant. Geologic notes, station numbers Y-1-1 – Y-67-1. Globe, Boone, Deep Gap, Sherwood, and Todd 7.5' quadrangles, Caldwell and Watauga County, North Carolina. Book Y. 1960.
- NO-02989 B. Bryant. Geologic notes, station locations Z-1-1 – Z-70-1. Boone, Deep Gap, and Globe 7.5' quadrangles, Caldwell and Watauga Counties, North Carolina. Book Z. 1960.
- NO-02990 B. Bryant. Geologic notes, station locations BR-1 – BR-84. Lenoir 7.5' quadrangle, Caldwell County, North Carolina. 1961.
- NO-02991 B. Bryant. Geologic notes, station locations ZA-1-1 – ZA-72-2. Buffalo Cove, Globe, and Deep Gap 7.5' quadrangles, Caldwell and Watauga Counties, North Carolina. Book ZA. 1960-1961.
- NO-02992 B. Bryant. Geologic notes, station locations ZB-1-1 – ZB-67-2. Buffalo Cove, Globe, and Deep Gap 7.5' quadrangles, Caldwell and Watauga Counties, North Carolina. Book ZB. 1961.
- NO-02993 B. Bryant. Geologic notes, station locations ZC-1-1 – ZC-68-2. Elk Mills, Buffalo Cove, Boone, and Deep Gap 7.5' quadrangles, Avery, Caldwell, Watauga Counties, North Carolina, and Elk Mills 7.5' quadrangle, Carter and Johnson Counties, Tennessee. Book ZC 1961.
- NO-02994 B. Bryant. Geologic notes, station locations ZD-1-1 – ZD-71-2. Buffalo Cove, and Deep Gap 7.5' quadrangles, Caldwell, Watauga, and Wilkes Counties, North Carolina. Book ZD. 1961.
- NO-02995 Geologic notes, station locations ZE-1-1 – ZE-14-1. Sparta West, Buffalo Cove, Boone, and Deep Gap 7.5' quadrangles, Alleghany, Caldwell, and Watauga Counties, plus a few notes in Ashe County, North Carolina; Elk Park and White Rock Mountain 7.5' quadrangles, Carter County, Tennessee. Book ZE. 1961.
- NO-02996 B. Bryant. Geologic notes, station locations numbers BT-1 – BT-117. Linville Falls and Marion 15' quadrangles, Burke and McDowell Counties, and Buffalo Cove and Deep Gap 7.5' quadrangles, Caldwell and Watauga Counties, North Carolina. Book BT. 1962.
- NO-02997 B. Bryant. Field conference notes. Hall, Rabun, and Stephens Counties, Georgia; Elk Park, Grandfather Mountain, and Newland 7.5' quadrangles, Avery County; Buncombe County; Linville Falls 15' quadrangle, Morganton North 7.5' quadrangle, Burke County; Linville Falls 15' quadrangle, Caldwell County; Jackson County; Linville Falls and Marion 15' quadrangles, McDowell County;

Rutherford County; Stokes County Pinnacle 7.5' quadrangle, Surry County; Brevard area, Transylvania County; Deep Gap and Valle Crucis 7.5' quadrangles, Watauga County; Maple Springs 7.5' quadrangle, Wilkes County; Yadkinville 7.5' quadrangle, Yadkin County, North Carolina; Carter and Johnson Counties, Tennessee. Book FC. 1958--1961.

- NO-02998 C.E. Fritts. Geologic notes, station numbers AA-3-1 – AA-68-1. Elk Park and Newland 7.5' quadrangles, Avery County, North Carolina and Carter County, Tennessee. Book AA. 1956.
- NO-02999 C.E. Fritts. Geologic notes, station locations AB-2-1 – AB-78-1. Elk Park and Valle Crucis 7.5' quadrangles, Avery and Watauga Counties, North Carolina and Carter County, Tennessee. Book AB. 1956-1957.
- NO-03000 C.E. Fritts. Geologic notes, station locations AC-3-1 – AC-74-1. Elk Park and Valle Crucis 7.5' quadrangles, Avery and Watauga Counties, North Carolina. Book AC. 1957.
- NO-03001 C.E. Fritts. Geologic notes, station locations AD-3-1 – AD-20-1. Elk Mills and Valle Crucis 7.5' quadrangles, Watauga County, North Carolina. Book AD. 1957.
- NO-03002 C.E. Harris, Jr. Geologic notes, station locations DA-2-1 – DA-35-3. Elk Park, Newland, and Valle Crucis 7.5' quadrangles, Avery and Watauga Counties, North Carolina. Book DA. 1958.
- NO-03003 F.G. Lesure. Geologic notes, station locations BA-2-1 – BA-70-1. Elk Park, Grandfather Mountain, Newland, Ashford, and Hot Springs 7.5' quadrangles, Avery County, Burke, and Madison Counties, North Carolina. Book BA. 1957.
- NO-03004 F.G. Lesure Geologic notes. station locations 1-1 – 11-5. Grandfather Mountain and Newland 7.5' quadrangles, Avery County, North Carolina. Book BB. 1957.
- NO-03005 D.V. Lewis. Geologic notes, station locations B1 – B99, C1 – C99, D1 – D2. Chestnut Mountain 7.5' quadrangle, Burke and Caldwell Counties, North Carolina. Book 1. 1958.
- NO-03006 D.V. Lewis. Geologic notes, station locations D-3 – F-3. Chestnut Mountain 7.5' quadrangle, Avery, Burke and Caldwell Counties, North Carolina. Book 2. 1958.
- NO-03007 D.V. Lewis. Geologic notes, station locations F-4 – F-6. Linville Falls 15' quadrangle, Burke County, North Carolina. Book 3. 1958.
- NO-03008 J.C. Reed, Jr. Geologic notes, station locations 1-400. Linville Falls 7.5' quadrangle, Burke and McDowell Counties, North Carolina. Books 1 and 2.

1957.

- NO-03009 J.C. Reed, Jr. Geologic notes, station locations 401-498. Linville Falls 15' quadrangle, Avery and Burke Counties, North Carolina. Book 3. 1957.
- NO-03010 J.C. Reed, Jr. Geologic notes, station locations 499-649. Chestnut Mountain and Linville Falls 7.5' quadrangles, Avery and Burke Counties, North Carolina. Book 4. 1957.
- NO-03011 J.C. Reed, Jr. Geologic notes, station locations 650-818. Linville Falls 7.5' quadrangle, Avery and Burke Counties, North Carolina. Book 5. 1957.
- NO-03012 J.C. Reed, Jr. Geologic notes, station locations 819-Z19. Linville Falls 15' quadrangle, Burke and McDowell Counties, North Carolina. Book 6. 1957.
- NO-03013 J.C. Reed, Jr. Geologic notes, station locations Z20 – Z99, Y1 – Y100, X1 – X57. Linville Falls 15' quadrangle, Avery, Burke, Caldwell, and McDowell Counties, North Carolina. Book 7. 1957-1958.
- NO-03014 J.C. Reed, Jr. Geologic notes, station locations X58 – V77. Chestnut Mountain 7.5' quadrangle, Avery, Burke, and Caldwell Counties, North Carolina. Book 8. 1958.
- NO-03015 J.C. Reed, Jr. Geologic notes, station locations V78 – T84. Chestnut Mountain and Oak Hill 7.5' quadrangles, Burke County, North Carolina. Book 9. 1958.
- NO-03016 J.C. Reed, Jr. Geologic notes, station locations T85 – Q20. Chestnut Mountain and Oak Hill 7.5' quadrangles, Burke County, North Carolina. Book 10. 1958.
- NO-03017 J.C. Reed, Jr. Geologic notes, station locations Q21 – P84. Linville Falls and Lenoir 15' quadrangles, Burke, Caldwell and McDowell Counties, North Carolina. Book 11. 1958.
- NO-03018 J.C. Reed, Jr. Geologic notes, station locations P85 – N-14. Ashford and Linville Falls 7.5' quadrangles, Marion 15' quadrangle, Burke and McDowell Counties, North Carolina. Book 12. 1958.
- NO-03019 J.C. Reed, Jr. Geologic notes, station locations N15 – M68. Ashford 7.5' quadrangle, Burke and McDowell Counties, and Marion 15' quadrangle, McDowell County, North Carolina. Book 13. 1958.
- NO-03020 J.C. Reed, Jr. Geologic notes, station locations M69 – L90. Little Switzerland 7.5' quadrangle and Marion 15' quadrangle, McDowell County, North Carolina. Book 14. 1958.
- NO-03021 J.C. Reed, Jr. Geologic notes, station locations 1000-1179. Oak Hill 7.5'

- quadrangle, Burke County, North Carolina. Book 15. 1959.
- NO-03022 J.C. Reed, Jr. Geologic notes, station locations 1180-1393. Oak Hill 7.5' quadrangle, Burke County, North Carolina. Book 16. 1959.
- NO-03023 J.C. Reed, Jr. Geologic notes, station locations 1400-1544. Ashford and Oak Hill 7.5' quadrangles, Burke and McDowell Counties, North Carolina. Book 17. 1959.
- NO-03024 J.C. Reed, Jr. Geologic notes, station locations 1545-1748. Oak Hill and Glen Alpine 7.5' quadrangles, Lenoir 15' quadrangle, Burke County, North Carolina. Book 18. 1959.
- NO-03025 J.C. Reed, Jr. Geologic notes, station locations 1749 – 1951. Ashford and Oak Hill 7.5' quadrangles, Burke County, North Carolina. Book 19. 1959.
- NO-03026 J.C. Reed, Jr. Geologic notes, station locations 1952-2131. Ashford, Oak Hill, and Glen Alpine 7.5' quadrangles, Burke County, North Carolina. Book 20. 1959.
- NO-03027 J.C. Reed, Jr. Geologic notes, station locations 2132 – 2340. Ashford and Oak Hill 7.5' quadrangles, Burke and McDowell Counties, North Carolina. Book 21. 1959.
- NO-03028 J.C. Reed, Jr. Geologic notes, station locations 2341-2566. Ashford 7.5' quadrangle, Burke and McDowell Counties, North Carolina. Book 22. 1959-1960.
- NO-03029 J.C. Reed, Jr. Geologic notes, station locations 2561-2639. Ashford and Oak Hill 7.5' quadrangles, Burke and McDowell Counties, North Carolina. Book 23. 1960.
- NO-03030 J.C. Reed, Jr. Geologic notes, station locations 1-231. Collettsville 7.5' quadrangle, Caldwell County, North Carolina. Book 24. 1960.
- NO-03031 J.C. Reed, Jr. Geologic notes, station locations 232-494. Collettsville 7.5' quadrangle, Caldwell County, North Carolina. Book 25. 1960.
- NO-03032 J.C. Reed, Jr. Geologic notes, station locations 495-728. Collettsville 7.5' quadrangle, Burke and Caldwell Counties, North Carolina. Book 26. 1960.
- NO-03033 J.C. Reed, Jr. Geologic notes, station locations 729-964. Collettsville and Morganton North 7.5' quadrangles, Burke and Caldwell Counties, North Carolina. Book 27. 1960.
- NO-03034 J.C. Reed, Jr. Geologic notes, station locations 965-1145. Lenoir and Morganton

- North 7.5' quadrangles, Burke and Caldwell Counties, North Carolina. Book 28. 1960-1961.
- NO-03035 J.C. Reed, Jr. Geologic notes, station locations 1146-1374. Morganton North 7.5' quadrangle, Burke and Caldwell Counties, North Carolina. Book 29. 1961.
- NO-03036 J.C. Reed, Jr. Geologic notes, station locations 1375-1583. Drexel and Morganton North 7.5' quadrangles, Burke County, North Carolina. Book 30. 1961.
- NO-03037 J.C. Reed, Jr. Geologic notes, station locations 1584-1864. Drexel 7.5' quadrangle, Burke and Caldwell counties, North Carolina. Book 31. 1961.
- NO-03038 J.C. Reed, Jr. Geologic notes, station locations 1865-2106. Drexel, Lenoir, and Morganton North 7.5' quadrangles, Caldwell County, North Carolina. Book 32. 1961.
- NO-03039 J.C. Reed, Jr. Geologic notes, station locations 2107-2350. Collettsville and Lenoir 7.5' quadrangles, Caldwell County, North Carolina. Book 33. 1961-1962.
- NO-03040 J.C. Reed, Jr. Geologic notes, station locations 2351-2719. Collettsville, Drexel, Lenoir, and Glen Alpine 7.5' quadrangles, Burke and Caldwell Counties; Marion 15' quadrangle, McDowell County, North Carolina. Book 34. 1962.
- NO-03041 J.C. Reed, Jr. Geologic notes, station locations 2720-2775. Glen Alpine, Ashford, and Chestnut Mountain 7.5' quadrangles, Burke County, and Marion 15' quadrangle, McDowell County, North Carolina. Book 35. no date.
- NO-03042 J.C. Reed, Jr. Reconnaissance geologic notes. Oteen, Glen Alpine, Bat Cave, Fruitland, Little Switzerland, Brevard, Celo Knob, and Mt. Mitchell 7.5' quadrangles, and Lenoir, Marion, and Blowing Rock 15' quadrangles. Burke, Caldwell, Henderson, McDowell, Rutherford, Transylvania, Watauga, and Yancey Counties, North Carolina. No date.
- NO-03043 J.C. Reed, Jr. Geologic notes. Oak Hill and Rutherfordton 7.5' quadrangles, and Linville Falls, Oak Hill, Kings Mountain, and Denton 15' quadrangles. Burke, Cleveland, Gaston, Randolph, and Rutherford Counties, North Carolina. No date.
- NO-03044 C.A. Shelby. Geologic notes, station locations F-1 – G-68. Linville Falls 15' quadrangle, Burke and McDowell Counties, and Little Switzerland 7.5' quadrangle, McDowell County, North Carolina. Book 1. 1958.
- NO-03045 C.W. Spencer. Geologic notes, station locations A-1 – A-113. Linville Falls 15' quadrangle, Avery and McDowell Counties, North Carolina. Book 1. 1957.

- NO-03046 C.W. Spencer. Geologic notes, station locations A-115 – A-275. Ashford and Linville Falls 7.5' quadrangles, Avery and McDowell Counties, North Carolina. Book 2. 1957.
- NO-03047 C.W. Spencer. Geologic notes, station locations A-276 – A-393. Ashford and Linville Falls 7.5' quadrangles, Avery, McDowell, and Mitchell Counties, North Carolina. Book 3. 1957.
- NO-03048 H. Sundelius. Geologic notes, station locations FA-1-1 – FA-75-209. Blowing Rock 15' quadrangle, Caldwell, Watauga, and Wilkes Counties, North Carolina. Book FA. 1961.
- NO-03049 H. Sundelius. Geologic notes, station locations FB-1-216 – FB-37-343. Blowing Rock 15' quadrangle, Caldwell and Watauga Counties, North Carolina. Book FB. 1961.
- NO-03050 W. Van Horn. Geologic notes, station locations CA-1-2 – CA-200. Grandfather Mountain and Newland 7.5' quadrangles, Avery and Caldwell Counties, North Carolina. Book CA. 1958.
- NO-03051 Blowing Rock 15' quadrangle, North Carolina. 24 field sheet pieces with geologic annotations.
- NO-03052 Grandfather Mountain and Linville Falls 15' quadrangles, North Carolina and Tennessee. 24 field sheet pieces with geologic annotations.
- NO-03053 Lenoir 15' quadrangle, North Carolina. 30 field sheet pieces with geologic annotations.
- NO-03054 Table Rock (Linville Falls 15') 15' quadrangle, North Carolina. 38 field sheet pieces with geologic annotations.
- NO-03055 Wood Mountain and Marion 15' quadrangles, North Carolina. 14 field sheet pieces with geologic annotations.
- NO-09250 Expandable envelope with:
 Folder #1 –
 - diagram showing orientation of joints in the northern half of the Grandfather Mountain area;
 - 5 sheets listing specimens from the Grandfather Mountain area with rock density data;
 Folder #2 – 85 paper map sections with structure notes.

- MA-02622 Map folder with 23 items:
- joined 7.5' quadrangle maps of the Ashford and Oak Hill quadrangles, with annotations;
 - 1 paper geologic map of Grandfather Mountain area;
 - enlarged section of southeast corner of Linville Falls 15' quadrangle with annotations;
 - incomplete paper 7.5' quadrangle map of Glen Alpine 7.5' quadrangle with annotations;
 - map of southwest corner section of Newland 7.5' quadrangle with annotations;
 - 1 cloth-backed map, each, of Collettsville, Drexel, Lenoir, and Morganton North 7.5' quadrangles with annotations;
 - 1 paper map of the Marion 15' quadrangle, North Carolina with annotations;
 - 2 paper maps of Boone 7.5' quadrangle with annotations;
 - 2 paper maps of Globe 7.5' quadrangle with annotations;
 - 4 enlarged sections of Blowing Rock 15' quadrangle, North Carolina with annotations.

- MA-00569 Map folder with 12 items:
- 1 paper map, each, of the Elk Park, Newland, and Valle Crucis 7.5' quadrangles, with station locations;
 - 1 mylar map and field station overlay, each of Lenoir and Table Rock 15' quadrangles;
 - 1 mylar cleavage and banding overlay of Table Rock 15' quadrangle;
 - 2 structure maps, each, of Linville 15' quadrangle, North Carolina and Tennessee, and Blowing Rock 15' quadrangle, North Carolina.

RM-00004 Includes foliation compilation sheet and lineation compilation sheet.

Published as: U.S. Geological Survey. Professional Paper 615. 1970.

**GEOLOGY OF THE ASPEN 15' QUADRANGLE,
PITKIN AND GUNNISON COUNTIES, COLORADO.
1963-1968**

- NO-05533 Charles E. Beverly. Aspen, Book C. 1966. Geologic, stratigraphic, and structure notes; notes of specimens collected. Station numbers C1 – C300.
- NO-05534 Book 1. 1963. A few pages of notes on field conference with Ogden Tweto and while in Leadville-Gilman area. Most of notes are on Aspen quadrangle. Geologic and stratigraphic notes; notes on specimens collected. Station numbers 1-169.
- NO-05535 Aspen. Book 2. 1963. Geologic notes; notes on specimens collected. Station numbers 170-348.

- NO-05536 Aspen. Book 3. 1964. Geologic and structure notes; notes on specimens collected. Station numbers 351-514.
- NO-05537 Aspen. Book 4. 1964-1965. Geologic and structure notes; notes on specimens collected. Station numbers 515-693.
- NO-05538 Aspen. Book 5. 1965. Geologic and structure notes, and Maroon measured sections; notes on specimens collected. Station numbers 695-763.
- NO-05539 Aspen. Book 6. 1965. Geologic notes; notes on specimens collected. Station numbers 764-862.
- NO-05540 Aspen. Book 7. 1966. Geologic and structure notes; notes on specimens collected. Includes some notes in Hayden Peak quadrangle. Station numbers 863-1171.
- NO-05541 Aspen. Book 8. 1966. Geologic and structure notes; notes on specimens collected. Station numbers 1172-1435.
- NO-05542 Aspen. Book 9. 1967. Geologic and structure notes; notes on specimens collected. Station numbers 1436-1735.
- NO-05543 Aspen. Book 10. 1967-1968. Geologic and structure notes; notes on specimens collected. Station numbers 1736-1965.
- NO-05544 Aspen. Book 11. 1968. Geologic and structure notes; notes on specimens collected; and, rock glacier survey. Station numbers 1966-2086.
- NO-05545 Kirby Bay. Aspen. 1964. Geologic and stratigraphic notes; sketch; notes on specimens collected. Stations A1 – A87.
- NO-05546 Edward S. Grew. 1. Aspen and Hayden Peak quadrangles. 1965. Geologic and structure notes; notes on specimens collected. Station numbers B1 – B91.
- NO-05547 Edward S. Grew. 2. Aspen and Hayden Peak quadrangles. 1965. Geologic and structure notes; sketches; notes on specimens collected. Station numbers B92 – B284.
- NO-05548 David G. Morse. Aspen. 1967. Geologic and structure notes; notes on specimens collected. Station numbers D1 – D191.
- NO-05549 Stephen G. Pollock. Aspen. 1968. Geologic and structure notes. Station numbers E1 – E172.
- NO-10381 Project correspondence.

- MA-02623 Map folder with:
- 6 mylar and 8 paper pieces of the Aspen 7.5' quadrangle, with annotations;
 - map of the Snowmass area;
 - 9 paper and 6 mylar pieces of the Aspen 7.5' quadrangle with annotations;
 - 3 paper and 1 mylar maps of the Aspen 7.5' quadrangle, and 3 mylar overlays;
 - 2 paper and 1 mylar map of the Highland Peak 7.5' quadrangle with annotations, and 2 mylar overlays.
- MA-02624 Map folder with:
- 6 mylar map pieces of the Hayden Peak 7.5' quadrangle with annotations;
 - 12 paper pieces of Hayden Peak 7.5' quadrangle with annotations;
 - 12 paper pieces of Maroon Bells 7.5' quadrangle;
 - 1 mylar and 3 paper maps, and 3 mylar overlays of Hayden Peak 7.5' quadrangle;
 - 1 mylar and 2 paper maps, and 3 overlays of Maroon Bells 7.5' quadrangle, with annotations;
 - one ozalid and one photocopy of Pearl Pass 7.5' quadrangle, with annotations.
- MA-02625 Map folder with:
- 1 paper map with annotations, each, of the following 7.5' quadrangles:
 - o Basalt
 - o Capitol Peak
 - o Carbondale
 - o Crested Butte NE
 - o Gothic
 - o Independence Pass
 - o Leon
 - o Mount Jackson 1SW
 - o Mount Sopris
 - o New York Peak
 - o Ruedi
 - o Snowmass Mountain
 - o Stony Ridge
 - o Thimble Rock
 - o Woody Creek
 - and 2 paper and 1 mylar map of the Pearl Pass 7.5' quadrangle, with annotations.
- MA-00810 Map folder with:
- sketch showing general relation of formations, faults, and ore bodies;
 - base map – proposed exploration Lenado project;
 - geologic map of Lenado area;

- progress map – plan view Lenado exploration project;
- advance sheet, Lenado exploration project;
- 8 geologic cross sections of diamond drill holes DDH-1 – DDH-8, Lenado project;
- 26 plan views of Highland tunnel;
- linen map of Cowenhoren tunnel area;
- linen section along Park tunnel;
- map of Midnight tunnel showing relation to principal levels of Midnight Mine.

MA-00811 Map folder with:

- 6 geologic sections of Aspen Mountain, 1 block between Aspen fault and Schiller fault, Aspen Mountain area;
- 2 sections of Smuggler Mountain;
- map showing Lower Durant tunnel, Aspen Mammoth, and Conomara;
- map showing Smuggler, Chatfield, and J.C. Johnson mines.

RM-00003 Map roll with:

- map of mines in Smuggler Mountain area;
- map of mines of Aspen Mountain area;
- map of Court drift and upper Durant tunnels and adjacent levels;
- 2 copies of longitudinal section and cross sections of the mines at Aspen showing the relation of ore shoots to cross faults and fissures;
- 1 mylar and 1 paper map of workings in the Aspen Mining District;
- 1 longitudinal projection to a vertical plan N. 43° E. looking southeast of workings in the Aspen Mining District.

Published as: U.S. Geological Survey. Professional Paper no. 550-D. 1966.

Published as: U.S. Geological Survey. Professional Paper no. 600-C. 1968.

Published as: U.S. Geological Survey. Professional Paper no. 750-D. 1971.

Published as: U.S. Geological Survey. Professional Paper no. 1073. 1979.

Published as: U.S. Geological Survey. Geologic Quadrangle Map, GQ no. 788. 1969.

Published as: U.S. Geological Survey. Geologic Quadrangle Map, GQ no. 863. 1970.

Published as: U.S. Geological Survey. Geologic Quadrangle Map, GQ no. 932. 1972.

Published as: U.S. Geological Survey. Geologic Quadrangle Map, GQ no. 933. 1971.

**PRECAMBRIAN ROCKS IN THE WESTERN TWO-THIRDS OF THE
INDIAN HILLS 7.5' QUADRANGLE, JEFFERSON COUNTY,
COLORADO. 1970.**

- NO-05762 Book #1. 1970. Geologic and structure notes on the Indian Hills quadrangle, station numbers 1-306, as well as notes of samples collected.
- NO-05763 Book #2. 1970. Geologic and structure notes on the Indian Hills quadrangle, station numbers 307-694, as well as notes on samples collected.
- NO-05764 Book #3. 1970. Geologic and notes on the Indian Hills quadrangle, station numbers 695-793, as well as notes of samples collected.
- NO-05765 Expandable envelope with 29 black and white, vertical aerial photographs of the Indian Hills 7.5' quadrangle:
Folder #1 - GS-VAQC-2: 19-29, dated 5-13-63;
Folder #2 - GS-VAQC-2: 30-38, dated 5-13-63;
Folder #3 - GS-VAQC-2: 73-81, dated 5-13-63.
- MA-00876 Map folder with:
- 6 mylar field sheets of the Indian Hills quadrangle with annotations;
 - paper map showing outcrops;
 - aerial photomosaic index dated May 13, 1963 for project GS-VAQC, Indian Hills 7.5' quadrangle;
 - greenline mylar map of the Indian Hills quadrangle showing contacts;
 - greenline mylar map of the Indian Hills quadrangle showing foliations;
 - 5 mylar overlays showing field stations, prospects, lineations, minor folds, and shears.

Published as: U.S. Geological Survey. Geologic Quadrangle Map, GQ no. 1073. 1974.

Published as: U.S. Geological Survey. Miscellaneous Investigations Map, I no. 980. 1977.

**GEOLOGY OF THE DENVER 1° X 2° QUADRANGLE,
COLORADO. 1953-1976**

- NO-05830 Document box with:
- Folder 1. Aerial photos. Line 1 VV FS M75 AMS 126 4853-4864, 6665, 6666-6668 (2 each), 6669-6671; also, 4853-4864.
 - Folder 2. Aerial photos. Line 2 4941-4947, 6680-6688, 6689-6694 (2 each), 5084-5089.
 - Folder 3. Aerial photos. Line 3 6700-6720.
 - Folder 4. Aerial photos. Line 4 5168-5188.

- Folder 5. Aerial photos. Line 5 6782-6810.

NO-05831 Document box with:

- Folder 1. Aerial photos. Line 0 6311-6318.
- Folder 2. Aerial photos. Line 6 5508-5528.
- Folder 3. Aerial photos. Line 7 5311-5332.
- Folder 4. Aerial photos. Line 8 5212-5233.
- Folder 5. Aerial photos. Line 9 5055-5062, 5193-5205.
- Folder 6. Aerial photos. Line 10 4956-4976.

NO-09025 Two document boxes with:

- Folder 1. Map of the Denver 1° x 2° quadrangle showing flight lines that are in the western half of the map.
- Folder 2. Two sheets titled "High Altitude Photos Index by 7-1/2' quads." List of quadrangles with numbers of the aerial photographs for that quadrangle.
- Folder 3. Aerial photos. "Duplicates." VV FS M70 AMS. 1953. 6227-6234 (2 each), 6318, 6319-6321 (2 each), 6669-6671.
- Folder 4. Aerial photos. VV FS M73 AMS. 1953. 6666-6675.
- Folder 5. Aerial photos. VV FS M74 AMS. 1953. 6689-6694.
- Folder 6. Aerial photos. VV FS M70 AMS. 1953. 6318-6331.
- Folder 7. Aerial photos. VV FS M70 AMS. 1953. 6213-6234.
- Folder 8. Aerial photos. VV FS M74 AMS. 1953. 6813-6835.
- Folder 9. Aerial photos. VV FS M69 AMS. 1953. 6112-6115.
- Folder 10. Aerial photos. VV FS M73 AMS. 1953. 6617-6628.
- Folder 11. Aerial photos. VV FS M69 AMS. 1953. 6093-6102.
- Folder 12. Aerial photos. VV FS M69 AMS. 1953. 6067-6071.
- Folder 13. Aerial photos. VV FS M69 AMS. 1953. 6079-6082.
- Folder 14. Aerial photos. VV FS M73 AMS. 1953. 6634-6645.
- Folder 15. Aerial photos. VV FS M71 AMS. 1953. 6415-6429.
- Folder 16. Aerial photos. VV FS M71 AMS. 1953. 6337-6359.
- Folder 17. Aerial photos. VV FS M72 AMS. 1953. 6476-6499.
- Folder 18. Aerial photos. VV FS M72 AMS. 1953. 6551-6572.

Published as: U.S. Geological Survey. Miscellaneous Investigations Map I-1163. 1981.

WASATCH-UINTA TECTONICS, UTAH AND WYOMING 1977-1983.

NO-10320 Field Notebook #1 by Bryant.

NO-10321 Field Notebook #2 by Bryant.

NO-10322 Field Notebook #3 by Bryant.

NO-10323 Field Notebook #4 by Bryant.

- NO-10324 Field Notebook #5 by Bryant.
- NO-10325 Field Notebook #6 by Bryant.
- NO-10326 Field Notebook #7 by Bryant.
- NO-10327 Field Notebook #1 by Moon.
- NO-10328 Field Notebook #2 by Moon.
- NO-10329 Field Notebook #3 by Moon.
- NO-10330 Field Notebook #1 by Lovell.
- NO-10331 Field Notebook #1 by Johnson.
- NO-10332 Well data by Petroleum Information Corporation for Cache, Weber, Boxelder, Morgan, Davis, Wasatch, Salt Lake, Utah, Rich and Summit Counties, Utah.
- NO-10333 3 boxes of aerial photographs for the project area.
- NO-10382 Analysis reports, unpublished paper, correspondence and fission track data.
- MA-02610 Topographic maps for the following: Allans Ranch, Antelope Island, Antelope Island North, Antelope Island South, Altamont, Altonah, Anthro Mtn NE, Anthro Mtn, Aspen Grove, Avintaquin Canyon, Big Dutch Hollow, Billies Mtn, Blacktail Mtn, Bluebell, Bollie Lake, Bridal Veil Falls, Bridgeland, Bountiful Peak, Bridger Lake, Brighton, Buck Fever Ridge, Buck Knoll and Burtfork.
- MA-02611 Topographic maps for the following: Burnt Mill Spring, Castle Rock, Cedar Fort, Center Creek, Charleston, Chepeta Lake, Christmas meadows, Coalville, CO-OP Creek, Crandall Canyon, Deadman Mountain, Deep Creek Canyon, Devil's Slide, Draper, Dromedary Peak and Dry Mountain.
- MA-02612 Topographic maps for the following: Duchesne, Duchesne NE, Duchesne SE, Duchesne SW, East Canyon Reservoir, Elizabeth Mtn, Ericson Basin, Explorer Peak, Farm Creek Peak, Farmington, Flat Ridge, Fort Douglas, Fox Lake, Francis and Fruitland.
- MA-02613 Topographic maps for the following: Garfield Basin, Gilbert Peak NE, Gilsonite Draw, Goshen Pass, Goshen Valley North, Granddaddy Lake, Granger Mtn, Gray Head Peak, Hancock Cove, Hanna, Hayden Peak and Heber Mountain.

- MA-02614 Topographic maps for the following: Heiners Creek, Heller Lake, Henefer, Hidden Lake, Hole in the Rock, Hoop Lake, Hoyt Peak, Ice Cave Peak, Indianola and Iron Mine Mountain.
- MA-02615 Topographic maps for the following: Jimmies Point, Jones Hollow, Jordan Narrows, Kamas, Kaysville, Kidney Lake, Kings Peak, Lake Fork Mtn, Lake Mountain, Lance Canyon, Lapoint, Lark, Lehi, Lincoln Point, Lonetree and Lyman Lake.
- MA-02616 Topographic maps for the following: McKinnon, Meeks Cabin Reservoir, Midvale, Mill Fork, Mirror Lake, Moslander Reservoir, Mount Emmons, Mount Lovenia, Mount Powell, Mountain Dell, Mountain Home, Myers Reservoir, Myton, Myton SE, Myton SW, Neola, Neola NW and North Ogden.
- MA-02617 Topographic maps for the following: Ogden, Orem, Oweep Creek, Paradise Park, Pariette Draw SW, Pelican Point, Phil Pico Mtn, Pine Knoll, Pole Creek Cave, Porcupine Ridge, Porterville, Provo, Rabbit Gulch, Rasmussen Lakes, Raspberry Knoll, Rays Valley, Red Hole, Red Knob and Roosevelt.
- MA-02618 Topographic maps for the following: Salt Lake City North, Salt Lake City South, Sams Canyon, Santaquin, Santaquin Peak, Saratoga Springs, Seven Tree Flat, Slader Basin, Snow Basin, Soapstone Basin, Soldiers Pass, Soldier Summit, Spanish Fork, Spanish Fork Peak and Springville.
- MA-02619 Topographic maps for the following: Strawberry Peak, Strawberry Pinnacles, Strawberry Reservoir NE, Strawberry Reservoir NW, Strawberry Reservoir SE, Strawberry Reservoir SW, Tabby Mountain, Tabiona, Table Mountain, Talmage, Thistle, Tickville Spring, Timpanogos Cave, Tucker, Turner Hollow and Twin Peaks.
- MA-02620 Topographic maps for the following: Two Tom Hill, Tworoose Pass, Upton, Vernal NW, Wallsburg Ridge, Wanship, West Mountain, Whiterocks, Whiterocks Lake, Whitney Reservoir, Windy Ridge, Wolf Creek, Wolf Creek summit and Woodland.
- MA-02621 Greenline topographic maps and overlays with some cross sections for project areas.