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

**VARD HAYES JOHNSON**  
(1909 - 1984)

NOTES, CORRESPONDENCE, PAPERS

1944 - 1959

(0.7 linear ft. and 4 map folders)

INVENTORY

By

Carol A. Edwards and Clay M. Martin  
U.S. Geological Survey Field Records Collection  
MS 914, Box 25046, Federal Center  
Denver, CO 80225-0046  
December 2002/September 2010

Location of Field Notebooks: CS-7: 4

## **GEOLOGY AND COAL RESOURCES OF THE PAONIA COAL AREA, DELTA AND GUNNISON COUNTIES, COLORADO. 1944-1959.**

<u>Item Number</u>	<u>Description</u>
NO-08983	<p>Document box with two folders:</p> <ul style="list-style-type: none"><li>- Folder 1. Draft copy of an 88-page unpublished report entitled "Geology and Coal Resources of the Paonia Coal Area, Gunnison and Delta Counties, Colorado", by Vard H. Johnson. Note: The original black and white photographic prints and captions included with this draft were transferred to the USGS Photo Collection, Denver, and replaced with photocopies.</li><li>- Folder 2. Miscellaneous correspondence, draft text, figures, tables, geologic, coal sample, and meteorological data, and other material related to field investigation of the Paonia Coal area, Colorado. 1944-1959.</li></ul>
MA-01923	<p>Map folder with 17 items:</p> <ul style="list-style-type: none"><li>- Index map showing locations of measured stratigraphic columns between Castledale, Utah, and Paonia, Colorado.</li><li>- Sheet with geologic cross-sections A-A' through G-G', western Colorado.</li><li>- Group of three sheets showing the areal geology of the Mount Gunnison quadrangle and the Paonia Coal Field, with explanation.</li><li>- Index map of west-central Colorado showing areas underlain by the Mesaverde Group.</li><li>- Diagram showing oxygen variation in the Snowshoe and Bear coal beds.</li><li>- Graph showing coal production in Delta County, North Fork (Somerset) Mining District, Gunnison County, and in Colorado.</li><li>- Geologic map of the Mount Gunnison quadrangle, Colorado, showing the relation to groundwater circulation at the base of the coal-bearing beds to the coal outcrops, structure, surface drainage, and intrusions.</li><li>- Cross-section diagram showing correlation of Upper Cretaceous and early Tertiary rocks along the Book Cliffs in Utah and Colorado.</li><li>- Sheet with section diagrams for the Old King and Lick Creek coal beds, Paonia coal area.</li><li>- Sheet with section diagrams for the Somerset and Upper Snowshoe coal beds, Paonia coal area.</li><li>- Sheet with section diagrams for the Bear and Navajo coal beds, Paonia coal area.</li><li>- Sheet with section diagrams for the Porter coal bed, Paonia coal area.</li><li>- Sheet with section diagrams for the Hawksnest coal bed, Paonia coal area.</li><li>- Map of active coal mines in the Paonia coal area, Colorado, showing mine layout and coal depletion.</li><li>- Index map showing areal distribution of the Mesaverde Formation of west-central Colorado.</li></ul>

Published as: U.S. Geological Survey. Open-file report 48-6. 1948.

## **COAL DEPOSITS ON SAND AND LOOKOUT MOUNTAINS, DADE AND WALKER COUNTIES, GEORGIA. 1945-1946.**

- NO-00490      Expandable envelope with 89 black and white aerial photographs of Dade and Walker Counties, Georgia, many with geologic annotations. Photos dated 1938.
- NO-00491      Expandable envelope with 48 black and white aerial photographs of Dade and Walker Counties, Georgia, many with geologic annotations. Photos dated 1941 and 1943.
- NO-00492      Expandable envelope with 75 black and white aerial photographs of Dade and Walker Counties, Georgia, many with geologic annotations. Photos dated 1942.
- NO-00493      Expandable envelope with 52 black and white aerial photographs of Dade and Walker Counties, Georgia, many with geologic annotations. Photos dated 1942.
- MA-03047      Map folder with 21 items:
- Eight photomosaic maps covering parts of Dade, Chattooga, and Walker Counties, Georgia, with geologic annotations.
  - Eleven sheets with partial reproductions of the Durham, Fort Oglethorpe, Hooker, Kensington, Shellmound, and Trenton 7.5' quadrangles, Georgia-Alabama-Tennessee, with extensive geologic annotations.
  - Diagram showing sections of drill holes on Lookout Mountain, Georgia.
  - One stratigraphic section diagram.
- MA-00127      Map folder with 12 items:
- One copy, each, of the Durham, Hooker, Shellmound, and Trenton 7.5' quadrangles, Georgia-Alabama-Tennessee, with annotations.
  - Two copies of the Cedar Grove 7.5' quadrangle, Georgia, with annotations.
  - Sheet with geologic cross-section diagrams of Sand Mountain and Lookout Mountain, Georgia.
  - Land lot map for Dade and Walker Counties, Georgia.
  - Sheet with diagrams illustrating coal mine production in Georgia between 1850 and 1945.
  - Three draft versions of a map of coal deposits on Sand and Lookout Mountains, Georgia.

Published as: U.S. Geological Survey. Coal deposits on Sand and Lookout Mountains, Dade and Walker Counties, Georgia. Preliminary coal map; no number designation. 1946.

## **GEOLOGIC INVESTIGATIONS IN ESMERALDA AND LYON COUNTIES, NEVADA. NO DATE.**

MA-03048

Map folder with three items:

- Geologic sketch map, with topography and drill hole locations, identified only as "Lyon Nevada".
- Map of Nevada (scale 1:1,000,000) with notes on coal areas in Esmeralda and Lyon Counties, Nevada.
- Sheet with four geologic cross-section diagrams of the Coaldale area, Esmeralda County, Nevada.