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

**WILLARD E. DAVIS**  
(1905 - )

NOTES, CORRESPONDENCE, PAPERS

1945 - 1956

(0.2 linear ft. and 1 map folder)

INVENTORY

By

Carol A. Edwards  
U.S. Geological Survey Field Records Collection  
MS 914, Box 25046, Federal Center  
Denver, CO 80225-0046  
August 2002

Location of Field Notebooks: CS 20-10

**GEOPHYSICAL STUDIES OF IRON ORE DEPOSITS IN MISSOURI.  
1945.**

<u>Item Number</u>	<u>Description</u>
NO-08469	Envelope with an unpublished report on the use of “magnetometer and electrical resistivity surveys... conducted by members of the Missouri Geological Survey in connection with geological investigations of iron ore deposits” (Title page). There is also an article on geophysical prospecting from the 1931 <i>Biennial Report of the State Geologist</i> , Missouri Bureau of Geology and Mines.

**PRELIMINARY GEOPHYSICAL INVESTIGATION OF CARNOTITE  
DEPOSITS IN MESA COUNTY, COLORADO. 1949.**

NO-08470	Envelope with a copy of a report by W.E. Davis, J.H. Swartz, and R.M. Shuler, discussing results of a “preliminary investigation of the possibility of applying geophysical methods in the exploration for vanadium-uranium ore bodies in the Colorado-Utah Plateau area...” (Abstract, p. 1).
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Published as: U.S. Geological Survey. Trace elements memorandum TEM-66. 1949.

**PRELIMINARY REPORT ON A MAGNETIC SURVEY OF MANGANESE  
DEPOSITS ON HOVEY AND MAPLE MOUNTAINS, AROOSTOOK  
COUNTY, MAINE. 1950.**

NO-08475	Envelope with a draft copy and carbon copy of typed final report by W.E. Davis and Roy M. Shuler. The survey was undertaken in connection with a drilling project by the U.S. Bureau of Mines, in an effort “to determine if the ore bodies could be detected and if so, to delimit the ore-zones as a guide to drilling and trenching operations” (Intro., p. 2)
MA-01788	Map folder with 4 illustrations that accompany the report.

**SEISMIC INVESTIGATIONS IN THE BADGER-PEACOCK AREA,  
CHEROKEE COUNTY, KANSAS. 1953.**

NO-08466	Envelope with a report by W.E. Davis and R.M. Hazlewood, of a brief seismic refraction survey undertaken to “determine if sinks or slumps containing shale in limestones and dolomites that underlie the eastern part of the Tri-State Lead and Zinc District could be detected...Knowledge of the occurrence of these structural
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features would be helpful in locating deposits of lead and zinc, which in this part of the District, are usually found in and along the walls of the sinks” (Intro., p. 1). The report includes maps and other charts. On the title page: “Geophysics Branch Report 54-1.” There is also an original typed copy of text only, which shows coauthor as “R.M. Hazlewood” which is misspelled on the complete copy of the report as “R.M. Hazelwood.”

### **EXPLORATION FOR CHROMITE DEPOSITS IN THE CAMAGUEY DISTRICT, CAMAGUEY PROVINCE, CUBA. 1954-1956.**

NO-08355      Envelope with typed carbon copy of report of results of exploration program to locate reserves of refractory-grade chromite, including a regional gravity survey, gravimetric and geologic investigations, and exploratory drilling. There is also related correspondence. None of the illustrations are included. W.H. (Wayne H.) Jackson and D.H. (Donald H.) Richter were coauthors with Davis.

Published as: U.S. Geological Survey. Professional paper 400-B. 1960.

Published as: U.S. Geological Survey. Open-file report 80-1061. 1980.

### **SEISMIC INVESTIGATIONS IN MADISON AND LICKING COUNTIES, OHIO. 1954.**

NO-08464      Envelope with a copy of U.S. Geological Survey Geophysics Branch Report 54-29, by W.E. Davis and R.M. Hazlewood, on results of refraction seismic measurements made “to determine depths to bedrock as an aid in locating buried glacial and preglacial valleys (Abstract, p. 1). The report includes a map and charts.