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KENNETH GRAY BRILL, JR.

NOTES, CORRESPONDENCE, PAPERS

1945 - 1948

(.75 linear ft.)

Brill was born in St. Paul, Minnesota on November 16th 1910. He received his AB from the University of Minnesota in 1935, his MS and PhD from the University of Michigan in 1938 and 1939. He taught at Yale University, University of Chattanooga, St. Louis University and the University of Tasmania. Brill worked for the U.S. Geological Survey between the years 1944-1945.

INVENTORY

by

Carol A. Edwards
Revised and Edited by Glenn S. Cook
U.S. Geological Survey Field Records Library
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Location of Field Notebooks CS 20-6

BLACK SANDS PLACER DEPOSITS BOISE, CUSTER AND IDAHO COUNTIES, IDAHO. 1945.

<u>Item Number</u>	<u>Description</u>
NO-08800	Notebook No. 1. James R. Wolfe, Jr. Placer sampling data by Brill, J.O. Harder, and Wolfe, with a few sketches. Locales include Dixie district, Elk City district, Florence district, Oro Grande district, all in Idaho County. Sample locations BI-2 through BI-57B.
NO-08801	Notebook No. 2. Notes by Wolfe and Brill. Placer sampling data and a few sketches. Locales include Boise Basin district, Elk City district, Florence district, Orofino district, Secesh district, Stanley Basin district, Warren district, Salmon River area, in Boise, Idaho, and Custer Counties. Sample locations BI-58 through BI-119B.
NO-08802	Notebook 3. Idaho black sand, G-M counter record. Geiger-Mueller counter records for samples described in other two notebooks. Notes by Brill.

Published as: U.S. Geological Survey. Trace Elements Investigations Report TEI-19. 1945.

SAMPLING OF PEBBLE PHOSPHATE NEAR MULBERRY, POLK COUNTY, FLORIDA. 1946.

NO-08779	This brief report, dated August 1946, gives the radioactivity, phosphate, and uranium content of products from the International Minerals and Chemical Corporation's operations. This work was part of the Trace Elements Investigations activities of the USGS and undertaken on behalf of the Atomic Energy Commission. Stamped on the report cover is "AEC Research and Development Report."
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TRACE ELEMENTS RECONNAISSANCE OF PEGMATITE DIKES AND ASSOCIATED ROCKS IN THE FRONT RANGE OF COLORADO. 1947-1948.

NO-08752	Notebook 1. 1947. Notes on various pegmatite deposits, including name and location of each property, geology, trace element data, and sketch of the property. There are comments on the level of radioactivity at each site, as measured by a portable Geiger-Mueller counter. Deposits are in these counties: Boulder, Chaffee, Clear Creek, Douglas, Fremont, Jefferson, Park, and Teller. Station locations CB-1 through CB-68; sample numbers CB-3A through CB-66A.
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- NO-08753 Notebook 2. 1947. Notes on various pegmatite deposits, including name and location of each property, geology, trace element data, and sketch of the property. There are comments on the level of radioactivity at each site, as measured by a portable Geiger-Mueller counter. Stations CB-69 through CB-81; sample numbers CB-69A through CB81A (pages 1-13). The remainder of the notes are data on the “equivalent uranium in the samples, measured in the field office by means of a Cyclotron Geiger-Mueller counter” (p. 4 of report in NO-8754, below).
- NO-08754 Copies 2 and 4 of 4, of the intended trace elements report, “Trace Elements Reconnaissance of Pegmatite Dikes and Associated Rocks in the Front Range of Colorado. Preliminary Report,” by Kenneth G. Brill, Jr., dated April 1948. Each copy of the report includes 80 maps. A note on the cover of copy 2 says “Never issued.” Also, copy 2 has margin notes on pages 6-8. The report is stamped “Official Use Only” but that restriction no longer applies.

**PLACER DEPOSITS OF MONAZITE IN NORTH CAROLINA, AND
AREAS IN TENNESSEE AND ALABAMA. 1946.**

- NO-02781 Field Notebook 1 for the following quadrangles: Baxter, Buffalo Valley, Smithville, Forest City, Sunshine, North Rutherfordton, Ashford, Shelby, Montevallo, Harpersville, Benn Knob, Dysartsville, Cesar, Hickory, Lincolnton, Gaffney.
- NO-02782 Field Notebook 2 for the following quadrangles: Cullowhee, Shelby, Glenwood, Marion East, Glen Alpine, Cesar, Hickory, Drexel, Oak Hill, Morganton North, Valdese, Rutherfordton North, Marion, Morganton South, Lincolnton.
- NO-02783 Field Notebook 3 for the following quadrangles: Hickory, Lincolnton, Cesar, Valdese.