



**U.S. GEOLOGICAL SURVEY LIBRARY
FIELD RECORDS COLLECTION
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WALTER H. NEWHOUSE
(1897 - 1969)

NOTES, CORRESPONDENCE, PAPERS

1943 - 1952

(0.5 linear ft. and 1 map folder)

Walter Harry Newhouse was born in Fisher, Pennsylvania, in 1897. He earned a B.S. degree from Pennsylvania State College in 1921, and M.S. and Ph.D. degrees from the Massachusetts Institute of Technology in 1923 and 1926. Newhouse spent his entire career in academia, first at MIT (1927-1946) and later at the University of Chicago (1946-1963), where he served as chairman of the geology department from 1947 until 1957, when he returned to fulltime research work until his 1963 retirement. In the early years of his career Newhouse focused on microscopic studies of ore minerals; later he became a prominent expert on geologic structures and their relation to economic mineral deposits. He was a Fellow of the Geological Society of America, the Society of Economic Geologists, and the American Academy of Arts and Sciences.

INVENTORY

By

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U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
Denver, CO 80225-0046
April 2011

Location of Field Notebooks: CS-5: 9

IRON ORE RESERVES AT BOMI HILLS, LIBERIA. 1943-1952.

<u>Item Number</u>	<u>Description</u>
NO-05483	W.H. Newhouse and A.P. Butler, Jr. Field notebook 1 with geologic notes and dip needle magnetometer data related to investigation of iron ore deposits at Bomi Hills. 1943-1944.
NO-05484	W.H. Newhouse and A.P. Butler, Jr. Field notebook 2 with geologic notes and dip needle magnetometer data related to investigation of iron ore deposits at Bomi Hills. Also included are notes on the physiography of the Kpandamai Mountains (Guinea Highlands?). 1944.
NO-05485	W.H. Newhouse. Field notebook 1 with geologic notes and dip needle magnetometer and drilling data related to investigation of iron ore deposits at Bomi Hills. 1944.
NO-05486	W.H. Newhouse. Field notebook 2 with geologic notes and sketches related to investigation of iron ore deposits at Bomi Hills. 1943.
NO-05487	W.H. Newhouse and A.P. Butler, Jr. Field notebook with geologic notes related to investigation of iron ore deposits at Bomi Hills. Also included are notes on the Kpandamai Mountains (Guinea Highlands?). 1944.
NO-05488	W.H. Newhouse. Field notebook with geologic notes and dip needle magnetometer data related to investigation of iron ore deposits at Bomi Hills. Note on cover indicates at least some measurements were made by "Sherman" (possibly Arthur Sherman, Director, Liberia Bureau of Mines). No date.
NO-05489	W.H. Newhouse and P.T. Thayer. Field notebook with geologic notes and dip needle magnetometer and drilling data related to investigation of iron ore deposits at Bomi Hills and the Kpandamai Mountains (Guinea Highlands?). Circa 1948.
NO-05490	W.H. Newhouse, P.T. Thayer, and G.G. Lill. Group of field notebook pages with geologic notes and sketches and sample data related to investigation of iron ore deposits in Liberia. 1949-1950.
NO-05491	W.H. Newhouse, P.T. Thayer, and G.G. Lill. Group of field notebook pages with geologic notes and sketches and sample data related to investigation of iron ore deposits in Liberia. 1949-1950.
NO-05492	W.H. Newhouse and P.T. Thayer. Field notebook with geologic notes and sketches related to investigation of iron ore deposits in Liberia. Also includes notes taken in the Mount Jedeh area. 1952.

NO-05493 Expandable envelope with group of correspondence, sample data, research materials, draft text, and trip reports related to Newhouse's investigation of iron ore deposits in Liberia. 1949-1972.

MA-00774 Map folder with four items:

- Field map, with annotations related to geology, mining, and rock sampling, of an area in western Liberia that includes the towns of Boyaquella, Madina, Tawata, Totokwelli, the Bomi Hills and Kakagissa Mountains, and the Budulu, Gbamma, Kpo, Lofa, and Maher Rivers. No date or scale indicated.
- Two copies of a Liberia Mining Company, Limited, map of the Zaiya and Mowie Creeks area, Voinjama District, Western Province, Liberia, showing extent of gold placer workings. No date.
- Copy of a Liberia Mining Company, Limited, geologic sketch map of the Waitumbeh-Kalaya area, Tawata District, Western Province, Liberia. 1950.

Published as: U.S. Geological Survey. Open-file report 681. 1945.