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**U.S. GEOLOGICAL SURVEY LIBRARY  
FIELD RECORDS COLLECTION  
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**GILBERT CORWIN**  
(1921 - 1994)

NOTES, CORRESPONDENCE, PAPERS

1947 – 1969

(0.8 linear ft. and 2 map folders)

Gilbert Corwin was born in Dayton, Ohio, in 1921. He graduated cum laude from Harvard University in 1943 and joined the U.S. Geological Survey the same year, but was soon inducted into the U.S. Army Air Corps, where he served as an aerial photography and photo-intelligence officer for the duration of World War II. Corwin's military experience in the western Pacific led to a career in marine geology studies upon his return to the USGS in 1945. In 1955 he became head of the Pacific Geologic Survey Section of the agency's Military Geology Branch, and, in 1966, chief of the Office of Marine Geology and Hydrology. Highlights of Corwin's long career include his supervision of the Woods Hole-USGS program to map the Atlantic Continental Shelf, and his service as USGS liaison on cooperative projects with the United Nations and the U.S. Department of State. He was a member of many professional societies, including the Geological Society of American and the Volcanological Society of Japan. He retired in 1982.

INVENTORY

By

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

Location of Field Notebooks: CS 21-7

## GEOLOGY OF PALAU, PAGAN, IWO JIMA, AND OTHER WESTERN PACIFIC ISLANDS. 1947-1964.

<u>Item Number</u>	<u>Description</u>
NO-08522	Survey of Pagan Island. Book I. July 17 – August 21, 1954. Geologic and stratigraphic notes, brief notes on weather conditions, some sketches. Includes notes on Mt. Pagan volcano and other volcanic landscapes and features. Also, sample descriptions, PC1 – PC59; list of photos taken. Notes mention other party members: Maurice Terman, George W. Viele, and Lawrence D. Bonham.
NO-08523	Survey of Pagan Island. Book II. August 24 – September 18, 1954. Brief notes on weather conditions; geologic and structure notes, some sketches. Includes notes on Mt. Pagan volcano and other volcanic landscapes and features, erosion effects of heavy surf after a storm, effects of a typhoon in mid-September. Sample descriptions, PC60 – PC86.
NO-08524	Survey of Pagan Island. Notebook 3. September 20 – September 27, 1954. Brief notes on weather conditions; geologic notes, some sketches. Includes notes on volcanic landscapes and features; notes on visit to Almagen Island. Sample descriptions PC87 – PC106; Almagen sample description, A1c11c3; list of photos taken.
NO-08525.	Survey of the Palau Islands. Book 2. October 1947 – February 1948. Brief notes on weather conditions; geologic notes taken on various islands, including Koror, Malkal, Arakabesan, and in Airai District, Aimeliik District, Ngatpang District. Specimen descriptions, 1-35; notebook index.
NO-08526	Survey of the Palau Islands. Book 3. May – June 1948. Brief notes on weather conditions; geologic notes taken in various areas, including Aimeliik District, Ngatpang District, Airai District. Also, notebook index; specimen descriptions 34-109.
NO-08527.	Survey of the Palau Islands. Book 4. May – July 1948. Geologic notes taken in various areas, including Airai District, Melekiok District. Also, specimen descriptions, 110-127.
NO-08529	Survey of the Palau Islands. Book 5. May – June 1948. Brief notes on weather conditions; geologic notes taken in various areas, including Nghesar District, Melekiok District, Ngeremlungui District. Also, a few notes on stream measurements; index to notebook; specimen descriptions, 128-171.
NO-08529	Survey of the Palau Islands. Book 6. August – September 1948. Index card with citation for article on limestone coasts of the tropical Pacific. Brief notes on weather conditions; geologic notes taken in various areas, including Airai District,

Koror Island, Ngarard District, Kyangle Islands, Ngardman area, Mangalang area, Ngerassa Island. Also, some stream gaging notes; half-page of “Engineering notes”; specimen descriptions, 172-220; list of photos taken.

- NO-08530 Palau Islands. Book No. 7. Index for Geology of Palau Islands. The index is “arranged as follows. Original mapping mission number; photo number; locality number; new series M104; photo number; book number; page.” Islands listed with entries in Index are: Malakal, Auluptagel, Arakabesan, Koror, Babelthuap, Ngaraya. Also, one page of “Supplementary notes from field photos.”
- NO-08531 Palau Islands. 1948. On cover: “Gilbert Corwin’s notebook summarizing islands and available maps and photos.” Information includes name of island or site and its latitude and longitude, alternative names, map identification, aerial photo identification, additional geographic names included at the site, description. Small map originally with notebook is filed in map folder MA-1797.
- NO-08532 Corwin #A. 1957, 1964. Geologic notes taken at Asamayama, Yap Island, Palau Islands, and Guam.
- NO-08533 Corwin. Iwo Jima. March 28 – April 2, 1957. Geologic notes and notes describing effects of the brief volcanic eruption of March 28. Corwin was accompanied by Helen L. Foster. (See item NO-7913 for reports on this eruption by Corwin and Foster).
- MA-01797 Map folder with map titled “Geologic Survey Palau Islands” which shows island groups subdivided into numbered areas.

Published as: Chief of Engineers, Intelligence Division, U.S. Army Japan. Military geology of Pagan, Mariana Islands. 1957.

Published as: Chief of Engineers, Intelligence Division, U.S. Army Japan. Military geology of Palau Islands, Caroline Islands. 1956.

Published as: American Journal of Science, Vol. 257, No. 3. 1959.

### **GEOLOGY OF ST. JOHN, VIRGIN ISLANDS. 1969.**

- NO-08534 Surveys of St. John, Virgin Islands. 1969. Brief notes on weather conditions; geologic and structure notes; a few sketches. Specimen descriptions VStJC:1-45.
- MA-02779 Map folder with an enlarged mylar copy of part of the Western St. John 7.5’ quadrangle, with geologic annotations.