United States Department of the Interior
Geological Survey

GEOLOGICAL BIBLIOGRAPHY
OF THE
SITKA QUADRANGLE, SOUTHEASTERN ALASKA

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This report is preliminary and
has not been reviewed for conformity
Any use of trade names is for descriptive purposes
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1Anchorage, AK
Introduction

This bibliography was assembled in preparation for an Alaska Mineral Resource Assessment Program study of the Sitka quadrangle by the U.S. Geological Survey. It consists of 366 references related to the geology of the Sitka quadrangle, including selected references on the regional geology of southeastern Alaska.

The Sitka 1:250,000 scale quadrangle encompasses major portions of Admiralty and Chichagof Islands, and the northern half of Baranof Island, three of the larger islands in southeastern Alaska. The town of Sitka is located in the south-central part of the quadrangle on the west coast of Baranof Island (Figure 1).

Publications on the geology of the region date back to the late 1800's when explorers took an interest in the islands for their mineral resources. A wide variety of geological literature has been published since then. Each reference has been assigned a subject code in the left margin for quick indexing of topics of interest; the codes also indicate whether the reference is area-specific or regional in scope (Table 1).

Sources of information for this bibliography include published bibliographies and the reference files of the late Edward H. Cobb (U.S. Geological Survey, Menlo Park, CA). The references cited consist of state and federal publications, articles and abstracts from scientific journals and symposia, and some unpublished theses and dissertations. Some lesser-known publications may have been overlooked. Articles published after September 1, 1988 do not appear in this bibliography.

Acknowledgements

The comprehensive bibliographies of Edward H. Cobb of the U.S. Geological Survey were of immeasurable help in putting together this bibliography.
Figure 1. Location of the Sitka quadrangle, Alaska.
Table 1

Explanation of Subject Coding

Subject Key

A - Areal Geology
E - Economic Geology
G - Geophysics
H - Engineering Geology and Geologic Hazards
I - Igneous Geology
M - Metamorphic Geology
P - Aerial Photography
Q - Quaternary Geology
S - Stratigraphy
T - Structure and Tectonics
W - Water Resources and Hydrogeology
Z - Geothermal Resources

r - reference provides a regional perspective
x - reference pertains specifically to the Sitka quadrangle
d - reference contains isotopic or fossil age
n - reference names or redefines a rock unit

Examples

(T,r) Reference concerns regional tectonics (i.e. tectonics of southeastern Alaska)
(S,n) Reference names a stratigraphic unit
(S,T,x) Reference discusses stratigraphy and structure of an area within the Sitka quadrangle


Brew, D. A., and Morrell, R. P., 1979, Correlation of the Sitka Graywacke, unnamed rocks in the Fairweather Range, and


(E,x) Hessin, T. D., and Day, G. W., 1982, Geochemical map showing the distribution and abundance of cobalt, chromium, and nickel in the nonmagnetic, heavy-mineral-concentrate samples in the West Chichagof-Yakobi Wilderness Study Area, Sitka


Hessin, T. D., Maslowksi, M. G., and Day, G. W., 1982, Geochemical map showing the distribution and abundance of silver, arsenic, gold, tin, and tungsten in the nonmagnetic, heavy-mineral concentrate samples in the West Chichagof-Yakobi Wilderness Study Area, Sitka quadrangle,


Johnson, B. R., and Elliott, G. S., 1984, Map showing the distribution and abundance of copper in bedrock samples, Western Chichagof-Yakobi Islands Wilderness Study Area,


Johnson, B. R., Kimball, A. L., and Still, J. C., 1982, Mineral resource potential of the Western Chichagof and Yakobi...


Miscellaneous Geologic Investigations Map I-388, scale 1:250,000.


Ovenshine, A. T., and Brew, D. A., 1972, Separation and history of the Chatham Strait fault, southeastern Alaska, North
America: International Geologic Congress, 24th, Montreal, Canada, 1972, Section 3, p. 245-254.


Miscellaneous Geologic Investigations Map I-484, scale 1:500,000.


(E) Stewart, B. D., 1921, Annual report of the Territorial Mine Inspector to the Governor of Alaska, 1920: Territory of Alaska, Department of Mines, 72 p.


(E) Stewart, B. D., 1931, Report on cooperation between the Territory of Alaska and the United States in making mining investigations and in the inspection of mines for the biennium ending March 31, 1931: Territory of Alaska, Department of Mines, 145 p.


(E) Stewart, B. D., 1933, Mining investigations and mine inspection in Alaska, including assistance to prospectors, biennium ending March 31, 1933: Territory of Alaska, Department of Mines, 192 p.

(E) Stewart, B. D., 1941, Territory of Alaska, report of the Commissioner of Mines to the Governor for the biennium ended December 31, 1940: Territory of Alaska, Department of Mines, 92 p.

(E) Stewart, B. D., and Dyer, B. W., 1922, Annual report of the Territorial Mine Inspector to the Governor of Alaska, 1921: Territory of Alaska, Department of Mines, 96 p.


