

GEOLOGICAL SURVEY CIRCULAR 364



REPORTS AND MAPS OF
THE GEOLOGICAL SURVEY
RELEASED ONLY IN THE
OPEN FILES, 1954

UNITED STATES DEPARTMENT OF THE INTERIOR

Douglas McKay, Secretary

GEOLOGICAL SURVEY

W. E. Wrather, Director

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REPORTS AND MAPS OF THE GEOLOGICAL SURVEY
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By Albert M. La Sala, Lois E. Randall, and Arthur Johnson

Washington, D. C., 1955

Free on application to the Geological Survey, Washington 25, D. C.

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INTRODUCTION

This circular contains a list of the maps and reports released by the Geological Survey in 1954 that are available only in open files. They may be consulted in the Geological Survey Library, in Washington, D. C., and at various field offices, the addresses of which are given immediately after the date of the report. They may also be read at the offices of various cooperating agencies, as indicated.

The following circulars list open-file reports and maps released during the years indicated: 56 (1946-47), 64 (1948), 149 (1949-50), 227 (1951), 263 (1952), and 337 (1953).

Most of the maps were duplicated by rapid and inexpensive processes, such as photostat, vandyke, or ozalid, but some were printed by photolithography. Most of the texts for the reports are typed copies (ribbon or carbon copy), but some have been mimeographed. A few of these reports and maps were made available in limited quantities for distribution, as indicated in the list, and these may be obtained as long as the supply lasts.

The report of the Conservation Division concerns the water power possibilities of the Seldovia River, Alaska.

The reports and maps of the Geologic Division contain results of work accomplished by Survey geologists in 36 States, Alaska, Puerto Rico, and Greenland. These maps and reports are released in preliminary form in order to make information immediately available to persons concerned with exploration for and production of minerals, fuels, and construction materials.

The reports of the Water Resources Division contain information on streamflow, ground water, quality of water, and related geology and hydrology in the United States and Alaska.

A general index follows, in which the reader is referred to a report by its serial number as listed in the following list of reports, which are arranged alphabetically by names of the authors.

MAPS AND REPORTS

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| <p>1. Alaskan Geology Branch, Distillation analyses of natural gas for Gubik Test Well No. 1 and Umiat Test Well No. 8: 3 p. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.</p> <p>2. Alaskan Geology Branch, Graphic and written logs, Gubik Test Well No. 1: 30 p., 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.</p> | <p>3. Alaskan Geology Branch, Graphic and written logs, Gubik Test Well No. 2: 42 p., 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.</p> <p>4. Alaskan Geology Branch, Graphic and written logs, Umiat Test Well No. 8: 13 p., 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.</p> |
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5. Alaskan Geology Branch, Graphic and written logs, Umiat Test Well No. 11, 38 p., 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
6. Alaskan Geology Branch, Index of publications on Alaskan geology: Card file of about 20,000 cards. Oct. 14, 1954. Brooks Memorial Mines Bldg., College, Alaska; 117 Federal Bldg., Juneau, Alaska; 210 E. F. Glover Bldg., Anchorage, Alaska; 4 Homeward Pl., Menlo Park, Calif.; 468 New Customhouse, Denver, Colo.; 529 Post Office and Court House, Los Angeles, Calif.; Room 724, 630 Sansome St., San Francisco, Calif.
7. Alaskan Geology Branch, Preliminary photogeologic maps of Naval Petroleum Reserve No. 4, and adjacent areas, Alaska; each map shows an area of approximately $2\frac{1}{2}$ degrees long. and 45 minutes lat. at a scale of 1:250,000; grid system is arbitrary: 12 maps. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
8. Alaskan Geology Branch, Preliminary photogeologic maps of Naval Petroleum Reserve No. 4 and adjacent areas, Alaska; each map shows an area of 1 degree long. and 15 minutes lat. at a scale of 1:96,000; grid system is arbitrary: 104 maps. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
9. Alaskan Geology Branch, Structure contour map of the Gubik anticline based on seismograph data: 1 map. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
10. Alaskan Geology Branch, Subsurface structure, Umiat Test Wells: 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
11. Anderson, I. E., Flood of August 1953 in the vicinity of Tylertown, Miss.: 15 p., 8 figs. Sept. 15, 1954. 301 Century Bldg., Jackson, Miss.; 2238 General Services Administration Bldg., Washington, D. C.
12. Aronow, Saul, Problems in late Pleistocene and Recent history of the Devils Lake region, North Dakota: 123 p., 35 pls., 28 figs. December 27, 1954. University of North Dakota, Grand Forks, N. Dak.; University of Wisconsin, Science Hall, Madison, Wis.; 1242-G General Services Administration Bldg., Washington, D. C.
13. Babcock, H. M., and Norris, D. A., Ground water in the vicinity of Edgerton, Wyo.: 12 p., 1 fig. February 23, 1954. 2002 Capitol Ave., Room 300, Cheyenne, Wyo.; 510 Rudge-Guenzel Bldg., Lincoln, Nebr.; 1242-G General Services Administration Bldg., Washington, D. C.
14. Bailey, R. A., Fusion of arkosic sand by intrusive andesite: 87 p., 3 pls., 28 figs. July 27, 1954.
15. Bass, N. W., Geology and mineral fuels of the Mount Harris, Pilot Knob, Elkhead Creek, and Daton Peak quadrangles, Routt and Moffat Counties, Colo.: 82 p., 4 maps, 6 figs., 3 pls., 11 tables. Mar. 25, 1954. 4240 General Services Administration Bldg., Washington, D. C.; 468 New Customhouse, Denver, Colo.
16. Bennett, H. S., Photogeologic map, Navajo Mountain 5 quadrangle, Kane and San Juan Counties, Utah: 1 map. Mar. 12, 1954. 504 Federal Bldg., Salt Lake City, Utah; 468 New Customhouse, Denver, Colo.
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18. Bennett, H. S., Photogeologic map, Tidwell 6 quadrangle, Emery County, Utah: 1 map. July 27, 1954. 504 Federal Bldg., Salt Lake City, Utah; 468 New Customhouse, Denver, Colo.; Grand Junction, Colo.
19. Bergquist, H. R., Micropaleontological studies in 1952: 10 p., 2 figs. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
20. Bergquist, H. R., Paleontologic correlations in northern part of Naval Petroleum Reserve No. 4, 1949: 9 p., 2 pls. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
21. Bergquist, H. R., Recent developments in paleontologic studies, 1951: 11 p., 1 fig. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
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23. Blankenship, R. R., Heavy minerals suites in the unconsolidated sands of Paleocene age and younger in western Tennessee: 23 p. March 31, 1954. Memphis General Depot, U. S. Army, Memphis, Tenn.; 1242-G General Services Administration Bldg., Washington, D. C.
24. Bolon, H. C., Low-water study, Spring River basin, Mo.: 7 p., 1 fig., 1 map. March 31, 1954. 211 Ramsay Bldg., Rolla, Mo.; 2238 General Services Administration Bldg., Washington, D. C.
25. Bowsher, A. L., and Dutro, J. T., Jr., Preliminary report on the Mississippian rocks of the Kanayut, Nanushuk, and Itillik Lakes area, Alaska, 1949: 41 p., 1 fig., 6 pls. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
26. Bowyer, Ben, Rainey, H. C., and others, Geologic map of the Wallace and vicinity quadrangle, Shoshone County, Idaho: 1 map. July 14, 1954. South 157 Howard St., Spokane, Wash.; 504 Federal Bldg., Salt Lake City, Utah; Idaho Bureau of Mines and Geology, Moscow, Idaho.
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47. Cathcart, J. B., Drilling of airborne radioactivity anomalies in Florida, Georgia, and South Carolina—1954: 10 p., 1 sketch map. Sept. 30, 1954. Plant City, Fla.
48. Chapman, R. M., and Eberlein, G. D., Stratigraphy and structure of upper Oolamnagavik, Kurupa, and Etivluk Rivers area, Alaska, 1951: 22 p., 6 figs., 9 pls. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
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52. Coates, D. R., and Halpenny, L. C., Ground-water field trip, Tucson to Nogales, Ariz.: 22 p., 2 pls., 6 figs. July 23, 1954. 18 East McCormick St., Tucson, Ariz.; 1242-G General Services Administration Bldg., Washington, D. C.
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89. Fischer, W. A., and Kover, A. N., Review of the stratigraphy and structure of the Gubik anticline, 1950: 3 p., 1 pl. May 10, 1954. 2542 Dept. of Interior Bldg., Washington, D. C.; Office of the Inspector, Naval Petroleum Reserve No. 4, Fairbanks, Alaska.
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