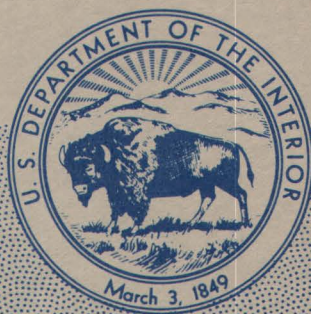


GEOLOGICAL SURVEY CIRCULAR 568



Reports and Maps of the Geological Survey Released Only in the Open Files, 1968

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By Betsy A. Weld, Margaret S. Griffin,
and George W. Brett

GEOLOGICAL SURVEY CIRCULAR 568



United States Department of the Interior
WALTER J. HICKEL, Secretary



Geological Survey
William T. Pecora, Director



Reports and Maps of the Geological Survey

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INTRODUCTION

This circular contains a list of maps and reports released by the U.S. Geological Survey during 1968 that are available for public inspection in the open files. These maps and reports may be consulted at the indicated depositories, and copies may be made upon request (at the requestor's expense).

The reports are arranged alphabetically by author; each report is preceded by a serial number that is used to identify the report in the index (p. 19), and is followed by the depositories at which it may be consulted.

Most open-file reports are on file in at least one of the major U.S. Geological Survey depositories listed below. Many are also on file at depositories selected as appropriate for the individual reports. All depositories are U.S. Geological Survey offices unless a State Geological Survey or other organization is specifically indicated. The following symbols are used in the list to indicate the major depositories:

- Wa Library, 1033 General Services Administration Building, 18th and F Streets, NW., Washington, D. C. 20242.
- Wb 132 Washington Building, Arlington Towers, 1011 Arlington Boulevard, Arlington, Va. 22209.
- Da Library, Building 25, Federal Center, Denver, Colo. 80225.
- Db Public Inquiries Office, 1012 Federal Building, Denver, Colo. 80202.
- M Library, 345 Middlefield Road, Menlo Park, Calif. 94025.
- F Library, 801 East Cedar Avenue, Flagstaff, Ariz. 86001.

- A Public Inquiries Office, 108 Skyline Building, 508 2nd Ave., Anchorage, Alaska 99501.
- LA Public Inquiries Office, 7638 Federal Building, 300 N. Los Angeles Street, Los Angeles, Calif. 90012.
- S Public Inquiries Office, 678 U.S. Court House Building, West 920 Riverside Avenue, Spokane, Wash. 99201.
- SF Public Inquiries Office, 504 Custom House, 555 Battery Street, San Francisco, Calif. 94111.
- T Public Inquiries Office, 602 Thomas Building, 1314 Wood Street, Dallas, Tex. 75202.
- U Public Inquiries Office, 8102 Federal Office Building, 125 South State Street, Salt Lake City, Utah 84111.

Open-file reports released during past years have been listed in the following circulars (* indicates report is out of print):

Year(s)	Circular	Year	Circular
1946-47	*56	1958	412
1948	*64	1959	428
1949-50	*149	1960	448
1951	*227	1961	463
1952	*263	1962	473
1953	*337	1963	488
1954	*364	1964	498
1955	*379	1965	518
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1957	*403	1967	548

MAPS AND BOOK REPORTS

1. Amos, D. H., Preliminary map showing faults in the Blackford quadrangle, western Kentucky: 1 map, scale 1:24,000. (Wa, Da, M; 710 W. High St., Lexington, Ky. 40508; Kentucky Geol. Survey, 307 Mineral Industries Bldg., Univ. of Kentucky, 120 Graham Ave., Lexington, Ky. 40506.)
2. Anders, R. B., Reconnaissance of the water resources of the central Guanajibo Valley, Puerto Rico: 16 p., 6 figs. (Wa, Wb; Bldg. 652, U.S. Naval Station Annex, San Juan, Puerto Rico 00934.)
3. Barclay, C. S. V., Geology of the Gore Canyon-Kremmling area, Grand County, Colorado: 187 p., 46 figs., 5 tables. (Wa, Da.)
4. Barnes, D. F., Alaskan gravity base station network: 21 p. text, 3 p. index, 31 p. tables, 1 fig. (Wa, Da, Db, A, LA, M, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
5. Barnes, H. H., Jr., Meyer, F. W., and Hartwell, J. H., Some hydrologic effects of Canal 111 near Homestead, Florida: 28 p., 9 figs. (Wb; Tennessee and Woodward Sts., Tallahassee, Fla. 32304.)
6. Barnwell, W. W., and George, R. S., Progress report, 1966-1967: Water study, Greater Anchorage area, Alaska: 39 p., 23 figs. (A.)
7. Basler, J. A., and Alary, L. J., Quality of the shallow ground water in the Rincon and Mesilla Valleys, New Mexico and Texas: 30 p., 5 figs. (Wa, Wb, Db, T; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 84106.)
8. Bennett, J. P., Turbulence measurement with a propeller flow meter: 171 p., 43 figs. (Wa, Wb; Foothills Campus, Colorado State Univ., Fort Collins, Colo. 80521.)
9. Berkstresser, C. F., Jr., Data for springs in the Northern Coast Ranges and Klamath Mountains of California: 16 p., 1 fig. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
10. Berkstresser, C. F., Jr., Data for springs in the southern coast, Transverse, and Peninsular Ranges of California: 104 p., 1 fig. (Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
11. Betz, H. T., The remote measurement of Rhodamine B concentration when used as fluorescent tracer in hydrologic studies: 48 p., 9 figs., 8 tables. (Wa, Da, M, F.)
12. Blacet, P. M., Geologic map of the SE $\frac{1}{4}$ Mount Union quadrangle, Yavapai County, Arizona: 1 map and explanation, scale 1:24,000. (Wa, Da, Db, M, LA, SF, U.)
13. Blodgett, J. C., and Bertoldi, G. L., Determination of channel capacity of the Merced River downstream from Merced Falls Dam, Merced County, California: 39 p., 57 figs. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
14. Boggess, D. H., A test of flushing procedures to control salt-water intrusion at the W. P. Franklin Dam near Ft. Myers, Florida: 28 p., 7 figs. (Wa, Wb; Tennessee and Woodward Sts., Tallahassee, Fla. 32304.)
15. Borchardt, C. A., and Roller, J. C., Preliminary interpretation of a seismic-refraction profile across the Large Aperture Seismic Array, Montana: 53 p., 2 figs., 26 p. tables. (Wa, Da, M.)
16. Boswell, E. H., Water resources of east-central Mississippi—Clarke, Jasper, Lauderdale, Newton, Scott, and Smith Counties: 16 p., 4 figs. (Wa, Wb; 302 Post Office Bldg., Jackson, Miss. 39205.)
17. Bowers, W. E., Preliminary geologic map of the Griffin Point quadrangle, Garfield County, Utah: 1 map, scale 1:24,000, 1 sheet (incl. measured coal sections of Straight Cliffs Formation). (Wa, Da, Db, M, U.)
18. Bowers, W. E., Preliminary geologic map of the Upper Valley quadrangle, Garfield County, Utah: 1 map, scale 1:24,000, 1 sheet (incl. measured coal sections of Straight Cliffs Formation). (Wa, Da, Db, M, U.)
19. Braithwaite, J., Dispersive multispectral scanning: a feasibility study: 57 p., 20 figs., 3 tables. (Wa, Da, M, F.)
20. Brethauer, G. E., Application of dislocation theory to analysis of vertical displacements at the ground surface caused by the Duryear Event: 24 p., 7 figs., 5 tables. (Wa, Da, Db, M, LA, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
21. Brethauer, G. E., Calculation of cavity radius using an average potential energy function: 20 p., 3 figs., 1 table. (Wa, Da, Db, M, LA, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
22. Bromery, R. W., Feasibility study for an airborne geophysical survey of the Republic of Liberia: 23 p. (Wa, Da, M.)
23. Brosgé, W. P., Brabb, E. E., and King, E. R., Geologic interpretation of reconnaissance aeromagnetic survey of northeastern Alaska: 2 maps, 1 profile. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska

- 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
24. Brosgé, W. P., and Reiser, H. N., Geochemical reconnaissance maps of granitic rocks, Coleen and Table Mountain quadrangles, Alaska: 4 sheets, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 25. Brown, D. L., Memorandum report on test drilling at Norfolk, Virginia: 32 p., 1 fig. (Wa, Wb; 200 W. Grace St., Richmond, Va. 23220.)
 26. Brown, D. W., Preliminary ground-water availability map of Kidder County, North Dakota: 1 map. (Wa, Wb; 348 New Federal Bldg., Third St. & Rosser Ave., Bismarck, N. Dak. 58501.)
 27. Brown, G. F., Report on allanite occurrence near Hamdtha on Wadi Tathlith, Saudi Arabia: 2 p. (Wa, Da, M.)
 28. Brown, R. D., Jr., Map showing recently active breaks along the San Andreas and related faults between the northern Gabilan Range and Cholame Valley, California: 1 map, scale 1:62,500. (Wa, Da, M, SF, LA.)
 29. Bue, C. D., Monthly surface-water inflow to Chesapeake Bay: 45 p., 7 figs. (Wa, Wb.)
 30. Byers, F. M., Jr., Orkild, P. P., Carr, W. J., and Quinlivan, W. D., Timber Mountain Tuff, southern Nevada, and its relation to cauldron subsidence: 23 p., 11 figs. (Wa, Da, Db, M, LA, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
 31. Callahan, J. T., and others, Preliminary report on the ground-water resources of the Anyang Chon Basin, Korea, 1967: 67 p., 29 figs. (331 Washington Bldg., Arlington Towers, 1011 Arlington Blvd., Arlington, Va. 22209.)
 32. Carr, M. H., Preliminary geologic map of Lunar Orbiter site II-P-2: 1 sheet, scale 1:100,000. (Wa, Da, M, F.)
 33. Cashion, W. B., Maps showing structure, overburden, and thickness for a rich oil-shale sequence in the Eocene Green River Formation, east-central Uinta Basin, Utah and Colorado: 4 maps, scale 1:250,000 (Wa, Da, Db, M, LA, SF, U.)
 34. Christiansen, R. L., A distinction between bedrock and unconsolidated deposits on 3-5 μ infrared imagery of the Yellowstone rhyolite plateau: 5 p., 2 figs. (Wa, Da, F, M.)
 35. Clark, A. L., and Hawley, C. C., Reconnaissance geology, mineral occurrences, and geochemical anomalies of the Yentna district, Alaska: 86 p., 7 figs., 18 p. tables. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 36. Clark, R. G., Jr., Petrography and petrology of the Middlefield Granite: 52 p., 16 figs., 2 tables. (Wa; 80 Broad St., Boston, Mass. 02110.)
 37. Coats, R. R., Preliminary geologic map of the Owyhee quadrangle, Nevada-Idaho: 1 map and explanation, scale 1:31,680. (Wa, Da, M, LA, SF, U; Library, Mackay School of Mines, Reno, Nev. 89507.)
 38. Coats, R. R., Preliminary geologic map of the southwestern part of the Mountain City quadrangle, Elko County, Nevada: 1 map and explanation, scale 1:20,000. (Wa, Da, M, LA, SF, U; Library, Mackay School of Mines, Reno, Nev. 89507.)
 39. Cobb, E. H., compiler, Metallic mineral resources map of the Ambler River quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 40. Cobb, E. H., compiler, Metallic mineral resources map of the Baird Mountains quadrangle, Alaska: 2 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 41. Cobb, E. H., compiler, Metallic mineral resources map of the Bradfield Canal quadrangle, Alaska: 3 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
 42. Cobb, E. H., compiler, Metallic mineral resources map of the Craig quadrangle, Alaska: 8 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)

43. Cobb, E. H., compiler, Metallic mineral resources map of the Dixon Entrance quadrangle, Alaska: 2 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
44. Cobb, E. H., compiler, Metallic mineral resources map of the Hughes quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
45. Cobb, E. H., compiler, Metallic mineral resources map of the Iditarod quadrangle, Alaska: 5 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
46. Cobb, E. H., compiler, Metallic mineral resources map of the Juneau quadrangle, Alaska: 7 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
47. Cobb, E. H., compiler, Metallic mineral resources map of the Ketchikan quadrangle, Alaska: 4 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
48. Cobb, E. H., compiler, Metallic mineral resources map of the McGrath quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
49. Cobb, E. H., compiler, Metallic mineral resources map of the Medfra quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
50. Cobb, E. H., compiler, Metallic mineral resources map of the Mount Fairweather quadrangle, Alaska: 6 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
51. Cobb, E. H., compiler, Metallic mineral resources map of the Nome quadrangle, Alaska: 12 p., 1 index map, 1 map, scale 1:250,000. (Wa, A, Da, Db, LA, M, S, SF; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
52. Cobb, E. H., compiler, Metallic mineral resources map of the Ophir quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
53. Cobb, E. H., compiler, Metallic mineral resources map of the Petersburg quadrangle, Alaska: 3 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
54. Cobb, E. H., compiler, Metallic mineral resources map of the Port Alexander quadrangle, Alaska: 2 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
55. Cobb, E. H., compiler, Metallic mineral resources map of the Ruby quadrangle, Alaska: 5 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)

56. Cobb, E. H., compiler, Metallic mineral resources map of the Shungnak quadrangle, Alaska: 3 p., 1 map, scale 1:250,000. (Wa, Da, Db, M, A, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
57. Cobb, E. H., compiler, Metallic mineral resources map of the Sitka quadrangle, Alaska: 5 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
58. Cobb, E. H., compiler, Metallic mineral resources map of the Skagway quadrangle, Alaska: 3 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
59. Cobb, E. H., compiler, Metallic mineral resources map of the Sumdum quadrangle, Alaska: 2 p., 1 map, 1 index map, scale 1:250,000. (Wa, Da, Db, A, M, S, LA, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
60. Cobb, E. H., compiler, Metallic mineral resources maps of nine Alaska quadrangles (Holy Cross, Kotzebue, Melozitna, Norton Bay, Nulato, Prince Rupert, Survey Pass, Taku River, Unalakleet): 16 p., incl. 9 maps, scale 1" = approx. 12 mi. (Wa, Da, Db, M, A, LA, S, SF; Brooks Bldg., College, Alaska 99701; 441 Federal Bldg., Juneau, Alaska 99801; Alaska Div. of Mines and Minerals: 509 Goldstein Bldg., Juneau, Alaska 99801; 3001 Porcupine Dr., Anchorage, Alaska 99504; University Ave., College, Alaska 99701.)
61. Cobb, E. H., and Sainsbury, C. L., compilers, Metallic mineral resources map of the Teller quadrangle, Alaska: 8 p., 1 index map, 1 map, scale 1:250,000. (Wa, A, Da, Db, LA, M, S, SF; Alaska Div. of Mines and Minerals: 3001 Porcupine Dr., Anchorage, Alaska 99504; 509 Goldstein Bldg., Juneau, Alaska 99801; University Ave., College, Alaska 99701.)
62. Colton, R. B., Bibliography of geology and geography of Ecuador: 65 p. (Wa, Da, M.)
63. Cooper, J. B., Ground-water exploration in the Bosque del Apache Grant, Socorro County, New Mexico: 79 p., 12 figs. (Wa, Wb, Db, T; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
64. Cooper, J. R., Ektachrome and ektachrome infrared photography of the Twin Buttes area, Arizona: 7 p., 2 figs. (Wa, Da, M, F.)
65. Corchary, G. S., Lithologic logs of six exploratory holes (UCe-9, -10, -11, -12a, -13, and -14) drilled in alluvium in central Nevada: 19 p., 1 fig., 6 tables. (Wa, Da, Db, LA, M, SF, U; Library, Mackay School of Mines, Univ. of Nevada, Reno, Nev. 89507.)
66. Cory, R. L., and Nauman, J. W., Temperature and water-quality conditions of the Patuxent River estuary, Maryland, January 1966 through December 1967: 70 p., 11 figs. (Wa, Wb.)
67. Croft, M. G., and Gordon, G. V., Geology, hydrology, and quality of water in the Hanford-Visalia area, San Joaquin Valley, California: 170 p., 24 figs. (Wa, Wb, LA, SF; 855 Oak Grove Ave., Menlo Park, Calif. 94025.)
68. Culbertson, D. M., Young, L. E., and Brice, J. C., Scour and fill in alluvial channels, with particular reference to bridge sites: 58 p., 14 figs. (Wb, Db, A, LA, SF, S, T, U.)
69. Cummings, David, Preliminary geologic map of Lunar Orbiter site III-P-11: 1 sheet, scale 1:100,000. (Wa, Da, M, F.)
70. Davis, L. V., and Busch, F. E., Summary of hydrologic investigations by the United States Geological Survey at White Sands Missile Range, New Mexico: 299 p., 27 figs. (Wa, Wb, Db, T; 8002 Federal Bldg., 125 S. State St., Salt Lake City, Utah 84111; Geology Bldg., Univ. of New Mexico, Albuquerque, N. Mex. 87106.)
71. Davis, W. E., and Kinoshita, W. T., Principal facts for gravity stations in northeastern Washington: 14 p. (Wa, Da, LA, M, SF, S; Washington Div. of Mines and Geology, Nat. Resources Dept., 335 General Admin. Bldg., Olympia, Wash. 98501.)
72. Detterman, R. L., and Reed, B. L., Geology of the Iliamna quadrangle, Alaska: 1 map, scale 1:250,000. (Wa, A, Da, Db, LA, M, S, SF; Alaska Div. of Mines and Minerals: 3001 Porcupine Dr., Anchorage, Alaska 99504; 509 Goldstein Bldg., Juneau, Alaska 99801; University Ave., College, Alaska 99701.)
73. Dibblee, T. W., Jr., Geologic map of the Yucaipa quadrangle, San Bernardino County, California: 1 map and explanation, scale 1:24,000. (Wa, Da, M, LA, SF.)

74. Dickinson, K. A., Subsurface data on thicknesses and distribution of some Upper Jurassic formations in adjacent parts of Texas, Louisiana, and Arkansas: 16 p. tables, 8 figs. (Wa, Da, M, T; Bur. of Econ. Geology, Univ. of Texas, Austin, Tex. 78712.)
75. Dixon, H. R., Bedrock geology of the Plainfield-Danielson area, Connecticut: 308 p., 17 pls., 26 figs., 21 tables. (Wa, Da; 80 Broad St., Boston, Mass. 02110; Connecticut Geol. and Nat. History Survey, Judd Hall, Wesleyan Univ., Middletown, Conn. 06457.)
76. Doe, B. R., A list of references on lead isotope geochemistry through 1966: 97 p. (Wa, Da, M.)
77. Donnell, J. R., and Yeend, W. E., Geologic map of the Grand Valley quadrangle, Garfield County, Colorado: 1 map and explanation, scale 1:24,000. (Wa, Da, M.)
78. Donnell, J. R., and Yeend, W. E., Geologic map of the Hawxhurst Creek quadrangle, Garfield and Mesa Counties, Colorado: 1 map and explanation, scale 1:24,000. (Wa, Da, M.)
79. Donnell, J. R., and Yeend, W. E., Geologic map of the Housetop Mountain quadrangle, Garfield and Mesa Counties, Colorado: 1 map and explanation, scale 1:24,000. (Wa, Da, M.)
80. Donnell, J. R., and Yeend, W. E., Geologic map of the North Mamm Peak quadrangle, Garfield County, Colorado: 1 map and explanation, scale 1:24,000. (Wa, Da, M.)
81. Donnell, J. R., and Yeend, W. E., Geologic map of the South Mamm Peak quadrangle, Garfield and Mesa Counties, Colorado: 1 map and explanation, scale 1:24,000. (Wa, Da, M.)
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