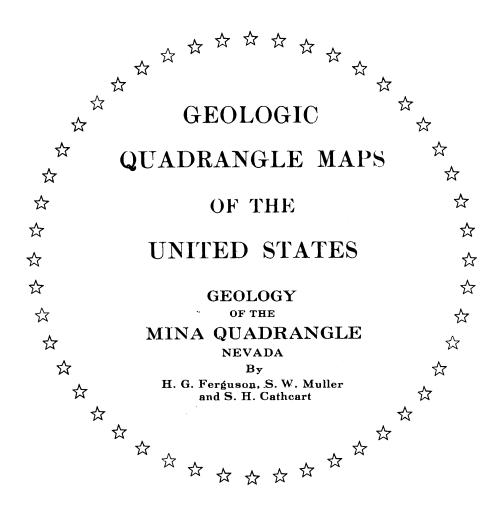
DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY W. E. WRATHER, DIRECTOR





The present series of Geologic Quadrangle Maps of the United States continues the project of geologically mapping the entire country, begun with the folios of the Geologic Atlas of the United States, which were published from 1894 to 1945. The new series consists of geologic maps, supplemented where possible by structure sections, columnar sections, and other graphic means of presenting geologic data and accompanied by the minimum of explanatory text required to make the maps useful for general scientific and economic purposes. Full description of the areas shown on these maps and interpretation of the geologic history are reserved for publication in other channels, such as the Bulletins and Professional Papers of the Geological Survey.

Where additional types of geologic maps are required, separate maps of the same areas, covering bedrock, surficial, engineering, and other phases of geology, may be published in the geologic quadrangle map series. Each edition is issued in two forms—flat for filing in large map cases and folded for convenience in filing and for use in the field.

These maps may be obtained, flat or folded, from the U. S. Geological Survey, Washington 25, D. C., at the prices listed below. Prepayment is required and may be made by postal or express money order payable to the U. S. Geological Survey, or in cash—the exact amount—at sender's risk. Postage stamps are not accepted in payment for publications.

PUBLISHED MAPS IN THE GEOLOGIC QUADRANGLE MAP SERIES

GQ 1	Bedrock geology of the Pawtucket quadrangle, Rhode Island-Massachusetts, by Alonzo W. Quinn, R. G. Ray, and W. L. Seymour, 1949	\$0.50
GQ 2	Surficial geology of the Pawtucket quadrangle, Rhode Island-Massachusetts, by Newton E. Chute, 1949	50
GQ 3	Bedrock geology of the Mount Grace quadrangle, Massachusetts, by Jarvis B. Hadley, 1949	50
GQ 4	Surficial geology of the Mount Grace quadrangle, Massachusetts, by Jarvis B. Hadley, 1949	50
GQ 5	Bedrock geology of the Brockton quadrangle, Massachusetts, by Newton E. Chute, 1950	
GQ 6	Surficial geology of the Brockton quadrangle, Massachusetts, by Newton E. Chute, 1950	50
GQ 7	Geology of the Mount Tobin quadrangle, Nevada, by S. W. Muller, H. G. Ferguson, and Ralph J. Roberts, 1951	50
GQ 8	Bedrock geology of the Mount Toby quadrangle, Massachusetts, by Max E. Willard, 1951	50
GQ 9	Surficial geology of the Mount Toby quadrangle, Massachusetts, by Richard H. Jahns, 1951	50
GQ 10	Geology of the Antler Peak quadrangle, Nevada, by Ralph J. Roberts, 1961.	
GQ 11	Geology of the Winnemucca quadrangle, Nevada, by H. G. Ferguson, S. W. Muller, and Ralph J. Roberts, 1951	50
GQ 12	Geology of the Mount Moses quadrangle, Nevada, by H. G. Ferguson, S. W. Muller, and Ralph J. Roberts, 1951	50
GQ 13	Bedrock geology of the North Scituate quadrangle, Rhode Island, by Alonzo W. Quinn, 1951	50
GQ 14	Geology of the Dannemora quadrangle, New York, by A. Williams Postel, 1951	50
GQ 15	Geology of the Golconda quadrangle, Nevada, by H. G. Ferguson, Ralph J. Roberts, and S. W. Muller, 1952	1.00
GQ 16	Bedrock geology of the Georgiaville quadrangle, Rhode Island, by Gerald M. Richmond, 1952	1.00
GQ 17	Bedrock geology of the East Greenwich quadrangle, Rhode Island, by Alonzo W. Quinn, 1952	1.00
GQ 18	Geology of the Niota quadrangle, Tennessee, by John Rodgers, 1952	1.00
GQ 19	Geology of the Athens quadrangle, Tennessee, by John Rodgers, 1952	1.00
GQ 20	Bedrock geology of the Greenfield quadrangle, Massachusetts, by Max E. Willard, 1952	1.00
GQ 21	Surficial geology of the Ayer quadrangle, Massachusetts, by Richard H. Jahns, 1953	1.00
GQ 22	Surficial geology of the Georgiaville quadrangle, Rhode Island, by Gerald M. Richmond, 1953	1.00
GQ 23	Geology of the Coaldale quadrangle, Nevada, by H. G. Ferguson, S. W. Muller, and S. H. Cathcart, 1953	1.00
GQ 24	Geology of the Pearland quadrangle, California, by Levi F. Noble, 1953.	1.00
GQ 25	Geology of the Galice quadrangle, Oregon, by F. G. Wells and G. W. Walker, 1963	1.00
GQ 26	Geology of the Bowbells quadrangle, North Dakota, by Richard W. Lemke and Clifford A. Kay, 1953	1.00
GQ 27	Bedrock geology of the Ahmeek quadrangle, Michigan, by Walter S. White, Henry R. Cornwall, and Roger W. Swanson, 1953	
GQ 28	Geology of the Carlisle quadrangle, Pennsylvania, by George W. Stose, 1953	1.00
GQ 29	Geology of the Eagleton quadrangle, Montana, by Robert M. Lindvall, 1953	
GQ 30	Bedrock geology of the Silver Creek quadrangle, New York, by Wallace de Witt, Jr., and George W. Colton, 1953	
GQ 31	Geology of the Velva quadrangle, North Dakota, by Richard W. Lemke, 1953	
GQ 32	Geology of the Pierre quadrangle, South Dakota, by Dwight R. Crandell, 1954	
GQ 33	Geology of the Bull Canyon quadrangle, Colorado, by Fred W. Cater, Jr., 1954	1.00
GQ 34	Bedrock geology of the Phoenix quadrangle, Michigan, by Henry R. Cornwall, 1954	
GQ 35	Bedrock geology of the Bruneau Creek quadrangle, Michigan, by James C. Wright and Henry R. Cornwall, 1954	1.00
GQ 36	Bedrock geology of the Eagle Harbor quadrangle, Michigan, by Henry R. Cornwall and James C. Wright, 1954	1.00
GQ 37	Bedrock geology of the Hornell quadrangle, New York, by James F. Pepper, 1954	1.00
GQ 38	Geology of the Starbuck quadrangle, Washington, by L. M. Gard, Jr., and H. H. Waldron, 1954	1.00
GQ 39	Geology of the Canning quadrangle, South Dakota, by Dwight R. Crandell, 1954	1.00
GQ 40	Geology of the Round Mountain quadrangle, Nevada, by H. G. Ferguson and S. H. Cathcart, 1964	1.00
GQ 41	Geology of the Globe quadrangle, Arizona, by Nels P. Peterson, 1954	1.00
GQ 42	Bedrock geology of the Bristol quadrangle and vicinity, Rhode Island-Massachusetts, by Alonzo W. Quinn and George H. Springer, 1954	
GQ 43	Geology of the Haas quadrangle, Washington, by Donald E. Trimble, 1954	
GQ 44	Geology of the Noonan quadrangle, North Dakota, by R. C. Townsend, 1954	
GQ 45	Geology of the Mina quadrangle, Nevada, by H. G. Ferguson, S. W. Muller, and S. H. Cathcart, 1954	1.00