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GEOLOGIC MAPS AND REPORTS RELEASED FOR PUBLIC INSPECTION

The Geological Survey is releasing in open files the following maps and reports on the geology of various parts of the United States. Copies are available for consultation at the Geological Survey, Room 1033 (Library), General Services Bldg., Washington, D. C., and at other places as listed. Copies are not available for distribution unless so indicated.

1. Geologic maps of some kyanite deposits in Virginia, North Carolina, and South Carolina, by G. H. Espenshade and D. B. Potter, 5 maps on 4 sheets, no text.

- (a) Kyanite quartzite in the Baker Mountain-Madisonville area, Prince Edward and Charlotte Counties, Va., by G. H. Espenshade and D. B. Potter.
- (b) Kyanite quartizite in the Willis Mountain-Woods Mountain area, Buckingham County, Va., by G. H. Espenshade and D. B. Potter.
- (c) Geologic map of Henry Knob, York County, S. C., by D. B. Potter.
- (d) Geologic maps of the Reese Mountain-Clubb area, Lincoln and Gaston Counties, N. C., and York County, S. C., by D. B. Potter.

map in 4 sheets

On file at the Geological Survey, Room 13, Post Office Bldg., Knoxville, Tenn.; Virginia Geological Survey, Charlottesville, Va.; Division of Mineral Resources, Department of Conservation and Development, State Office Bldg., Raleigh, N. C.; Department of Geology, Mineralogy, and Geography, University of South Carolina, Columbia, S. C.

2. Tectonic map of the Colorado Plateau, by R. G. Luedke and E. M. Shoemaker, 1 map, short text.

On file at the Geological Survey Public Inquiries Office, Room 468 New Customhouse, Denver, Colo.; Geological Survey Public Inquiries Office, Room 504 Federal Bldg., Salt Lake City, Utah; Geological Survey Library, Grand Junction, Colo.; Arizona Bureau of Mines, University of Arizona, Tucson, Ariz, Bureau of Mines and Mineral Resources, New Mexico School of Mines, Socorro, N. Mex.; Office of the Area Director, Bureau of Indian Affairs, Window Rock, Ariz.

3. Preliminary total intensity aeromagnetic maps of the Mother Lode district, Calif., by J. R. Henderson, 2 maps.

On file at the Geological Survey, 102 Old Mint Bldg., San Francisco, Calif.; 529 Post Office and Court House Bldg., Los Angeles, Calif.; California Division of Mines, Ferry Bldg., San Francisco, Calif. 4. Preliminary total intensity aeromagnetic map of Morristown quadrangle, N. J., by J. R. Henderson, map. This map is the latest in a series of aeromagnetic maps of the New Jersey-New York magnetite district.

On file at the Office of the State Geologist, Room 108, 520 East State St., Trenton, N. J.; Department of Geology, Room 101, Rutgers University, New Brunswick, N. J.; Geology Department Library, Guyot Hall, Princeton University Princeton, N. J.; Fublic Library, 31 East Clinton St., Dover, N. J.; Morristown Library, Morristown, N. J.

5. The theory of direct-current prospecting in the presence of curved boundary surfaces, by R. G. Van Nostrand, 110 p., 17 figs.

On file at the library, University of North Carolina.

The following 15 photogeologic maps (no texts) are on file at the places listed after item 20.

- 6. Photogeologic map, Orange Cliffs 5 quadrangle, Wayne County, Utah, by V. M. Hosley.
- 7. Photogeologic map, Orange Cliffs 12 quadrangle, Wayne and Garfield Counties, Utah, by R. G. Ray.
- 8. Photogeologic map, Stinking Spring Creek 15 quadrangle, Emery County, Utah, by P. P. Orkild.
- 9. Photogeologic map, Carlisle 5 quadrangle, Wayne and San Juan Counties, Utah, by V. M. Hosley.
- 10. Photogeologic map, Mount Peale 4 quadrangle, Grand and San Juan Counties, Utah, by R. J. Hackman.
- 11. Photogeologic map, Moab 14 quadrangle, Grand County, Utah, by V. M. Hosley.
- 12. Photogeologic map, Stinking Spring Creek 2 quadrangle, Emery County, Utah, by W. R. Hemphill.
- 13. Photogeologic map, Mount Pennell 12 quadrangle, Garfield County, Utah, by J. M. Scott.
- 14. Photogeologic map, Mount Peale 6 quadrangle, San Juan County, Utah, by G. E. Tolbert and R. J. Hackman.
- 15. Photogeologic map, Emery 16 quadrangle, Emery County, Utah, by W. H. Condon.
- 16. Photogeologic map, Orange Cliffs 3 quadrangle, Wayne County, Utah, by P. P. Orkild.
- 17. Photogeologic map, Circle Cliffs 3 and 8 quadrangles, Garfield County, Utah, by J. M. Scott.
- 18. Photogeologic map, Circle Cliffs 6 quadrangle, Garfield County, Utah, by R. J. Hackman.

- 19. Photogeologic map, Carlisle 3 quadrangle, San Juan County, Utah, by C. E. Bates.
- 20. Photogeologic map, Carlisle 4 quadrangle, Wayne and San Juan Counties, Utah, by V. M. Hosley.

Maps listed under items 6 through 20 are on file at the Geological Survey Public Inquiries Office, Room 468, New Customhouse, Denver, Colo.; Geological Survey Public Inquiries Office, Room 504 Federal Bldg., Salt Lake City, Utah; Geological Survey, Grand Junction, Colo.

21. Geologic map of the Smelterville and vicinity quadrangle, Shoshone County, Idaho, by A. B. Campbell, 1 map, no text.

Released June 1, 1953, in open file at other places, this map is now also on file at the Geological Survey Office, South 157 Howard St., Spokane, Wash.

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Pocket contains 4 items.



