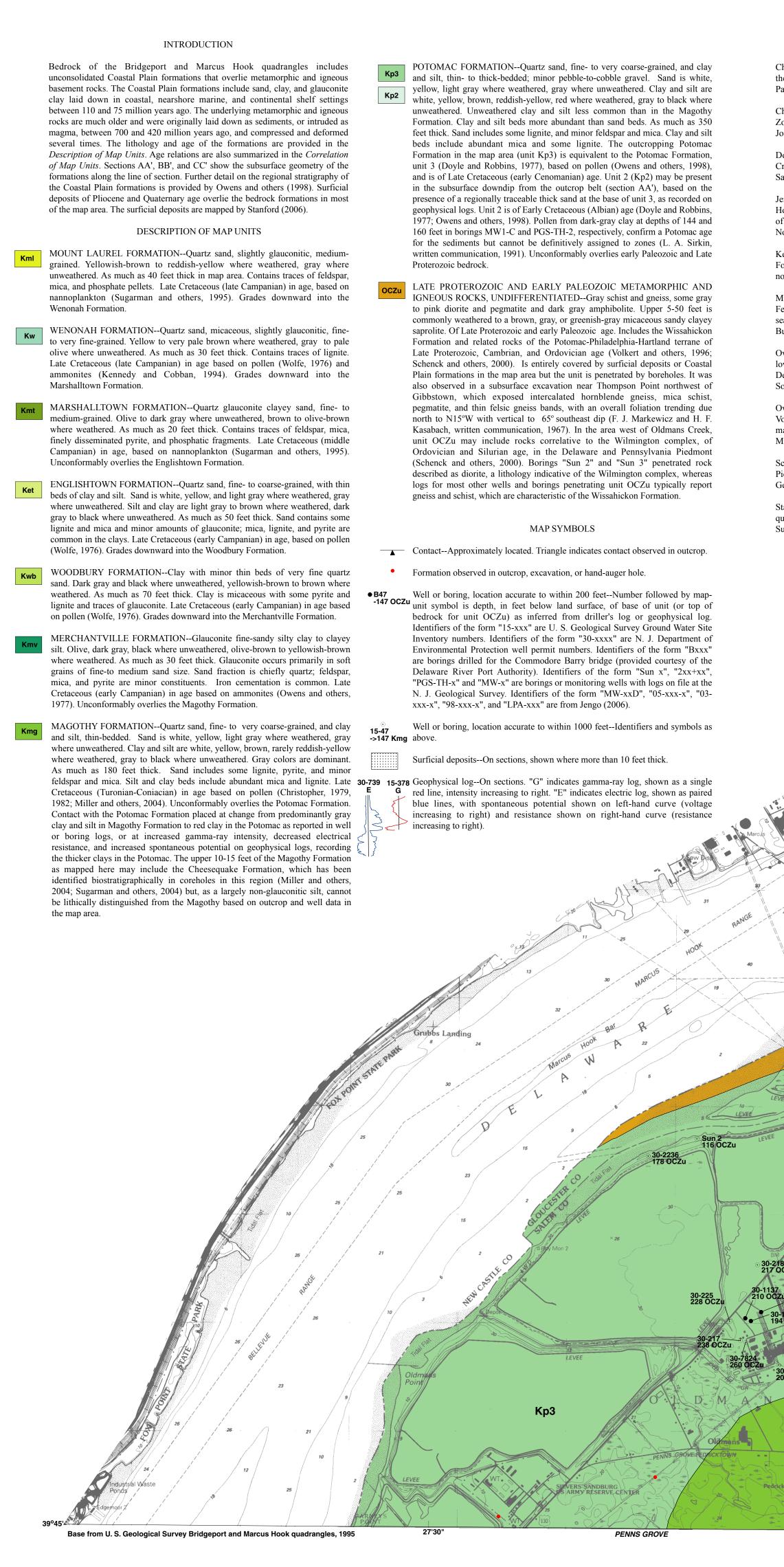
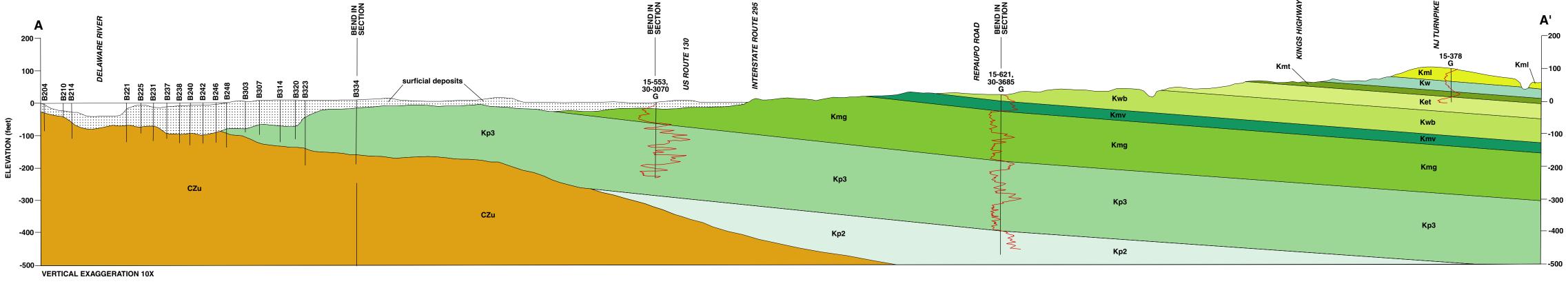
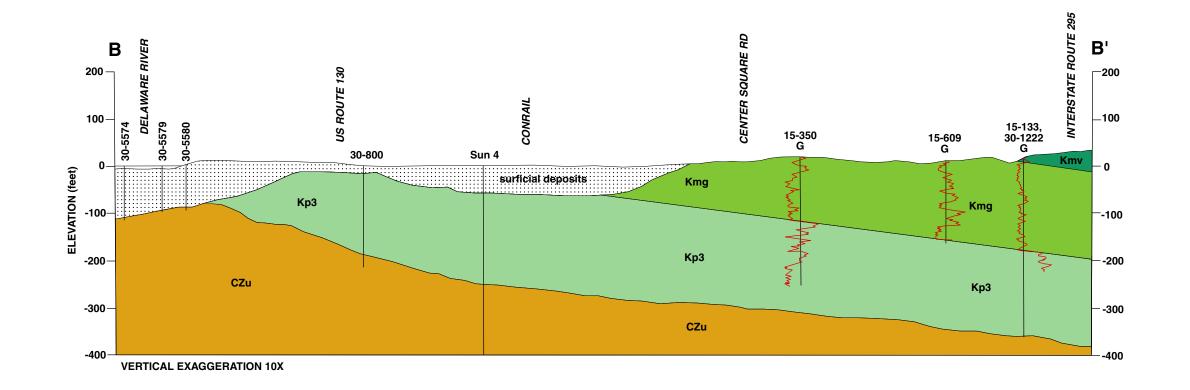
## DEPARTMENT OF ENVIRONMENTAL PROTECTION LAND USE MANAGEMENT NEW JERSEY GEOLOGICAL SURVEY







## Prepared in cooperation with the U. S. GEOLOGICAL SURVEY NATIONAL GEOLOGIC MAPPING PROGRAM

## REFERENCES

- Christopher, R.A., 1979, Normapolles and triporate pollen assemblages from the Raritan and Magothy Formations (Upper Cretaceous) of New Jersey: Palynology, v. 3, p. 73-121.
- Christopher, R. A., 1982, The occurrence of the *Complexiopollis-Atlantopollis* Zone (palynomorphs) in the Eagle Ford Group (Upper Cretaceous) of Texas: Journal of Paleontology, v. 56, p. 525-541.
- Doyle, J.A., and Robbins, E.I., 1977, Angiosperm pollen zonation of the Cretaceous of the Atlantic Coastal Plain and its application to deep wells in the Salisbury embayment: Palynology, v.1, p. 43-78.
- Jengo, J. W., 2006, Stratigraphy and radiocarbon dates of Pleistocene and Holocene-age deposits, Delaware County, Pennsylvania--rectifying the presence of the Cape May Formation and the Trenton Gravel in the Delaware Valley: Northeastern Geology and Environmental Sciences, v. 28, no. 1, p. 45-76.
- Kennedy, W. J., and Cobban, W. A., 1994, Ammonite fauna from the Wenonah Formation (Upper Cretaceous) of New Jersey: Journal of Paleontology, v. 68, no. 1, p. 95-110.
- Miller, K. W., Sugarman, P. J., Browning, J. V., Kominz, M. A., Olsson, R. K., Feigenson, M. D., and Hernandez, J. C., 2004, Upper Cretaceous sequences and sea-level history, New Jersey Coastal Plain: Geological Society of America Bulletin, v. 116, no. 3-4, p. 368-393.
- Owens, J.P., Sohl, N.F., and Minard, J.P., 1977, A field guide to Cretaceous and lower Tertiary beds of the Raritan and Salisbury embayments, New Jersey, Delaware, and Maryland: American Association of Petroleum Geologists-
- Society of Economic Paleontologists and Mineralogists, 113 p. Owens, J. P., Sugarman, P. J., Sohl, N. F., Parker, R. A., Houghton, H. F., Volkert, R. A., Drake, A. A., Jr., and Orndorff, R. C., 1998, Bedrock geologic map of central and southern New Jersey: U. S. Geological Survey
- Miscellaneous Investigations Series Map I-2540-B, scale 1:100,000. Schenck, W. S., Plank, M. O., and Srogi, L., 2000, Bedrock geologic map of the Piedmont of Delaware and adjacent Pennsylvania: Delaware Geological Survey
- Geologic Map Series 10, scale 1:24,000.Stanford, S. D., 2006, Surficial geology of the Bridgeport and Marcus Hook quadrangles, Gloucester and Salem counties, New Jersey: N. J. Geological Survey Geologic Map Series GMS 06-2, scale 1:24,000.

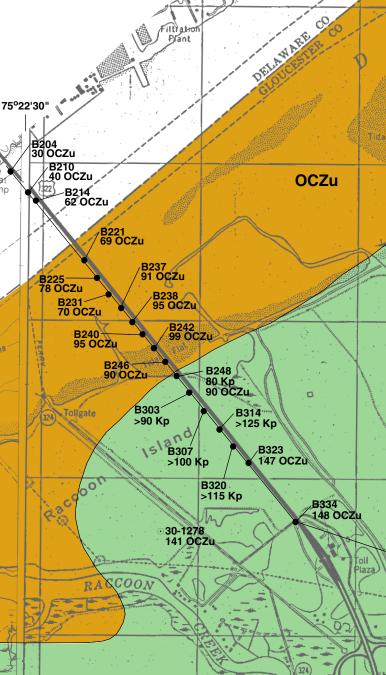
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Sugarman, P. J., Miller, K. G., Bukry, D., and Feigenson, M. D., 1995, Uppermost Campanian-Maestrichtian strontium isotopic, biostratigraphic, and sequence stratigraphic framework of the New Jersey Coastal Plain: Geological Society of America Bulletin, v. 107, p. 19-37.

- Sugarman, P. J., Miller, K. G., McLaughlin, P. P., Jr., Browning, J. V., Hernandez, J., Monteverde, D., Uptegrove, J., Baxter, S. J., McKenna, T. E., Andres, A. S., Benson, R. N., Ramsey, K. W., Feigenson, M. D., Olsson, R. K., Brenner, G., and Cobbs, G., III, 2004, Fort Mott site, *in* Miller, K. G., Sugarman, P. J., Browning, J. V., and others, eds., Proceedings of the Ocean Drilling Program, Initial Reports, v. 174AX, p. 1-50.
- Volkert, R. A., Drake, A. A., Jr., and Sugarman, P. J., 1996, Geology, geochemistry, and tectonostratigraphic relations of the crystalline basement beneath the Coastal Plain of New Jersey and contiguous areas: U. S. Geological Survey Professional Paper 1565-B, 48 p.
- Wolfe, J. A., 1976, Stratigraphic distribution of some pollen types from the Campanian and lower Maestrichtian rocks (upper Cretaceous) of the Middle Atlantic States: U.S. Geological Survey Professional Paper 977, 18 p.



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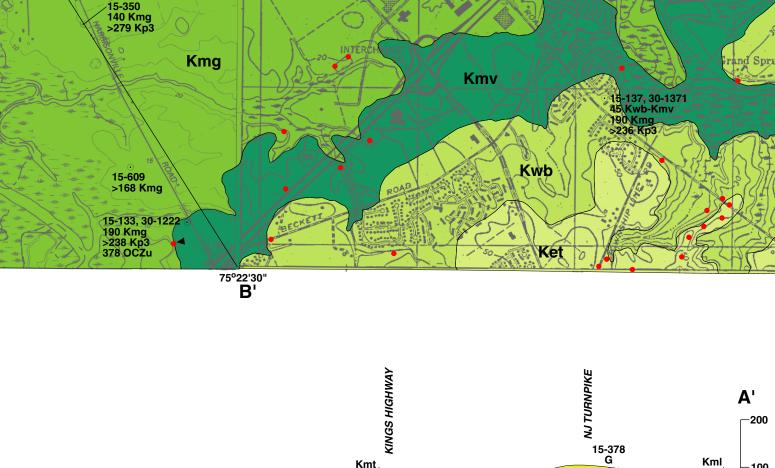


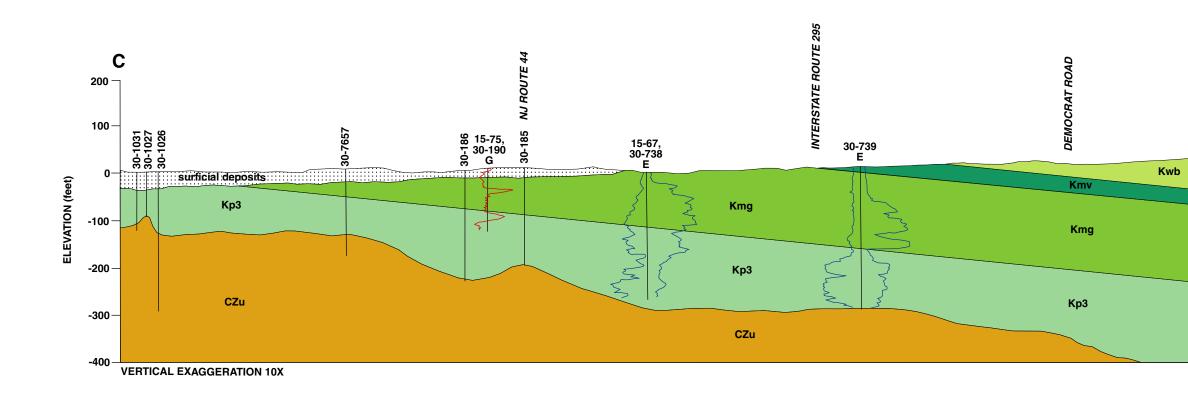


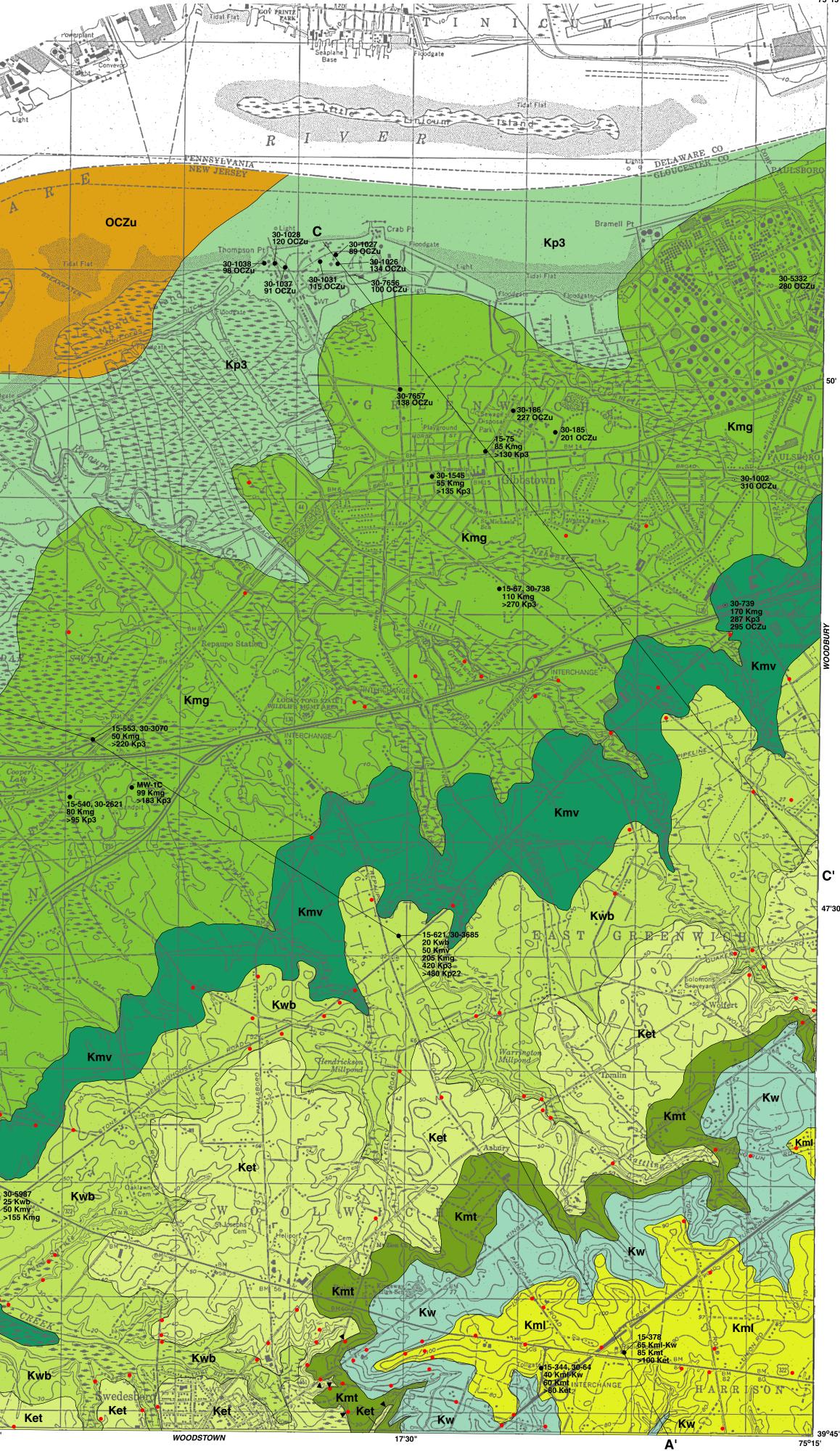
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Geology mapped 2001-2002 Cartography by S. Stanford and M. Girard

## BEDROCK GEOLOGY OF THE BRIDGEPORT AND MARCUS HOOK QUADRANGLES, GLOUCESTER AND SALEM COUNTIES, NEW JERSEY

by Scott D. Stanford and Peter J. Sugarman

