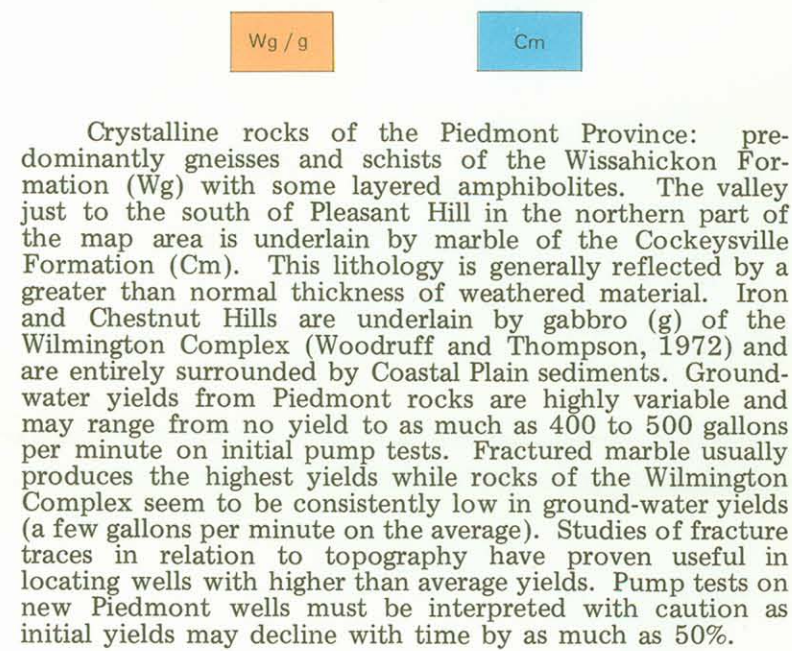
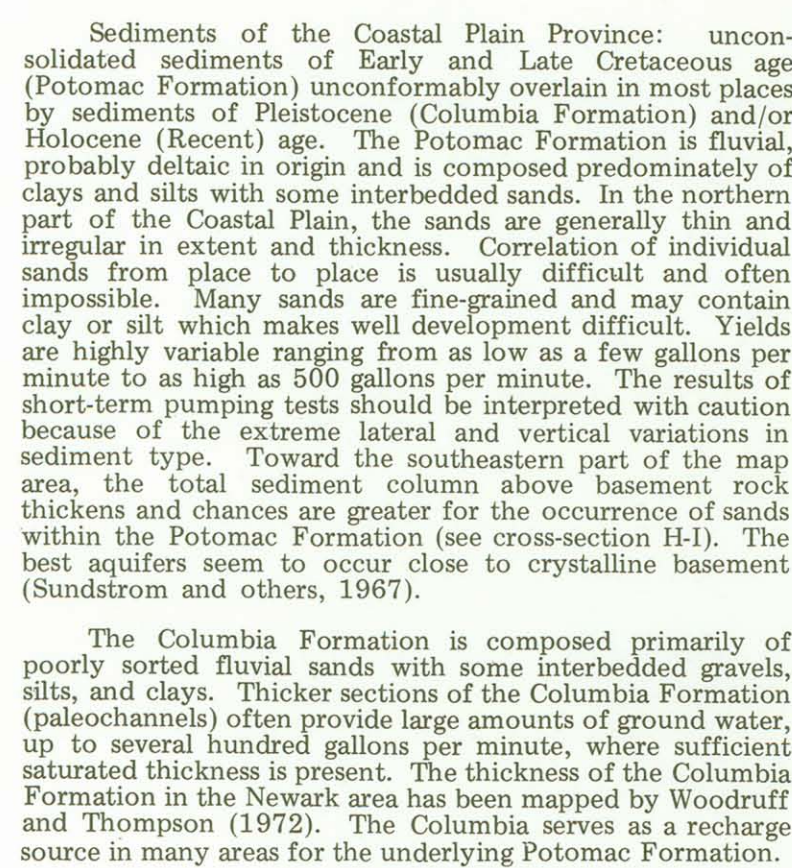




EXPLANATION



Fracture traces or lineaments postulated from study of conventional air photos, topographic maps, and satellite photos. Such traces often indicate zones of fractured rock where ground-water yields may be higher than average.

A  B

Location of cross-section



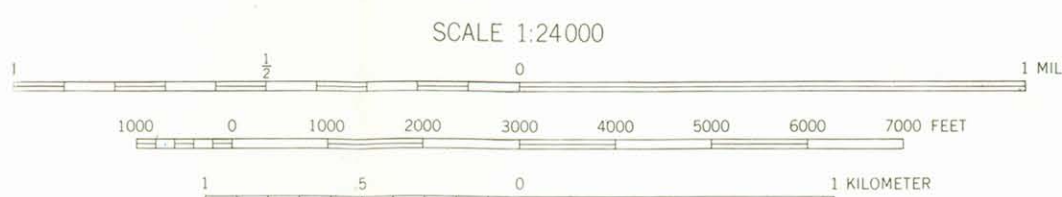
For detailed geology of the map area see Woodruff and Thompson (1972).

SELECTED REFERENCES

- Bogges, D.H., and Adams, J.K., 1963, Water-table, surfaceline, drainage, and engineering soils map of the Newark Area, Delaware: U.S. Geol. Survey Hydrologic Invest. Atlas HA-64.
- Spojaric, N., 1972, *Geology of the Fall Zone in Delaware*: Delaware Geol. Survey Rpt. of Investigations No. 13, 30 p.
- Spojaric, N., 1974, Possible new major faults in the Piedmont of northern Delaware and southeastern Pennsylvania and their relationship to recent earthquakes: *Southeastern Geology*, v. 16, p. 31-39.
- Sundstrom, R.W., and others, 1967, The availability of ground water from the Potomac Formation in the Chesapeake and Delaware Canal area: Delaware: Univ. of Delaware, Water Resources Center, 95 p.
- Sundstrom, R.W., and Pickett, T.E., 1971, The availability of ground water in New Castle County, Delaware: Univ. of Delaware, Water Resources Center, 156 p.
- Woodruff, K.D., and others, 1972, *Geology and ground water of the University of Delaware*: Delaware: Delaware Geol. Survey Rpt. of Investigations No. 18, 40 p.
- Woodruff, K.D., and Thompson, A.M., 1972, *Geology of the Newark Area, Delaware*: Delaware Geol. Survey Rpt. of Investigations No. 19, 40 p.

GEOHYDROLOGY OF THE NEWARK AREA, DELAWARE

by
Kenneth D. Woodruff
1977



CONTOUR INTERVAL 10 AND 20 FEET (APPROX. 3 METERS AND 6 METERS)

