

**ROCK TYPES**  
Note: Only those rock types that are colored appear on this sheet. Grain size of sand is indicated by dot size. Combinations are indicated by superposition of patterns. For example, sandy shell limestone is indicated by combination of sandy limestone and shell limestone patterns.

Coarse sand	Medium sand	Fine sand	Gravel	Shell hash	Boulders
Clay	Clayey sand (sand-clay)	Sandy clay (clay-sand)	Shale	Siltstone	Anhydrite
Limestone	Shell limestone	Sandy limestone	Chalk	Algal limestone	Oolitic limestone
Dolomite	Dolomitic limestone	Copans	Green sand	Basement	No sample

**ACCESSORIES**  
Note: Only those accessories for which symbols are shown appear on this sheet. Accessories occur throughout a given rock type unless otherwise noted.

Shell fragments	Gypsum	Pyrite	Chert	Lignite
Glaucouite	Fragmentary dolomite	Fragmentary feldspar	Fragmentary hematite	Abundant microfossils
Mica	Fragmentary chert	Calcareous sediment	Siderite	Abundant microfossils
Fragmentary limestone	Phosphate	Limonite	Hematite	Arkose

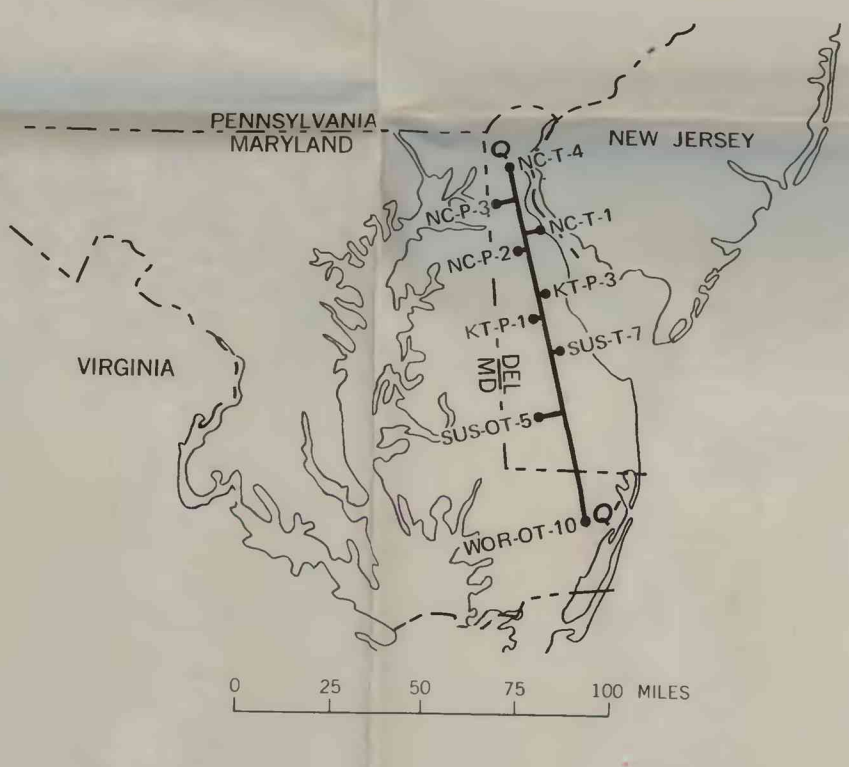
**<A-15.7**  
Index fossil occurrence (see table )

**Sediment color**  
(Shown on right side of rock types. Sediment color is gray or white where not shown.)

**AGE DESIGNATION**

QUATERNARY UNIT:	CRETACEOUS UNITS:
Post-Miocene rocks	A
TERTIARY UNITS, Rocks of:	B
Late Miocene age	C
Middle Miocene age	D
Oligocene age	E
Jackson age	F
Claiborne age	G
Sabine age	H
Midway age	JURASSIC(?)
	UNIT I
	TRASSIC UNIT:
	Rocks of Triassic age
	Basement rocks

Note: Triassic shales in MD WOR OT 10 are silty. Brown glauconite occurs in Jackson in DEL SUS OT 5, Claiborne in DEL SUS T-7, and Midway in DEL NC P-3. White chert occurs in Midway in DEL SUS OT 5. Unit F shales are chiefly red and white in DEL NC P-3.



GEOLOGIC CROSS SECTION Q-Q' FROM WRANGLE HILL FARM WELL, NEW CASTLE COUNTY, DEL. TO DELAWARE RIVER