



MILES 11.5 18.7 12.7 11.2 20.8

FEET 200 400 600 800 1000 1200 1400 1600 1800 2000 2200 2400 2600 2800 3000 3200 3400 3600 3800 4000 4200 4400 4600 4800 5000 5200 5400 5600 5800 6000 6200 6400 6600 6800 7000 7200 7400 7600 7800 8000 8200 8400 8600 8800 9000 9200 9400 9600 9800 10000

MEAN SEA LEVEL

POST-MIOCENE ROCKS

ROCKS OF LATE MIOCENE AGE

ROCKS OF MIDDLE MIOCENE AGE

ROCKS OF OLIGOCENE AGE

ROCKS OF CLAIBORNE AGE

ROCKS OF SABINE AGE

ROCKS OF MIDWAY AGE

CRETACEOUS-UNIT A

CRETACEOUS-UNIT B

CRETACEOUS-UNIT C

CRETACEOUS-UNIT D

CRETACEOUS-UNIT E

CRETACEOUS-UNIT F

CRETACEOUS-UNIT G

CRETACEOUS AND LATE JURASSIC-UNIT H

BASEMENT ROCKS

NC DA OT 10 36° 18' 00" N 75° 31' 45" W

NC DA OT 12 36° 20' 20" N 75° 34' 30" W

NC DA OT 9 36° 42' 20" N 75° 35' 54" W

NC DA OT 13 36° 53' 00" N 75° 46' 15" W

NC DA OT 11 36° 59' 55" N 75° 52' 00" W

NC DA OT 12 36° 18' 00" N 75° 55' 30" W

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	Bedrock
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	Cocquina	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
Glauconite	Fragmentary dolomite	Feldspar	Fragmentary basement	Diatoms
Mica	Fragmentary chalk	Calcareous sediment	Siderite	Abundant microfossils
Fragmentary limestone	Phosphate	Limonite	Hematite	Ankerite

<A-15,7
Index fossil occurrence (see table 2)

Sediment color (shown on right side of rock types. Sediment color is #197 of white (these 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	CRETACEOUS AND LATE JURASSIC (C)
Midway age	UNIT H
	JURASSIC (J)
	UNIT I
	TRIASSIC UNIT:
	Rocks of Triassic age
	Basement rocks

Note: Asphalt occurs at 5100 ft in DA-OT-13 in unit G, 7100 ft in DA-OT-12 in unit H, and 2100 ft in DA-OT-11 in unit F.

