

**EXPLANATION**



Fault at intersection of main bench of Cumnock coal bed; showing dip and plunge of slickensides; dashed where approximately located. U, upthrown side; D, downthrown side. Numerals indicate amount of displacement.

Fault, showing approximate horizontal separation in Cumnock coal bed as a result of faulting; dashed where approximately located.

Strike and dip of beds

Horizontal beds

Strike and dip of cleaving in Cumnock coal bed

Mine workings in Cumnock coal bed, dashed where inaccessible in 1950

Mine workings in Gulf coal bed

Mine workings in rock above or below Cumnock coal bed

Area in which most of the coal has been mined

Air shaft

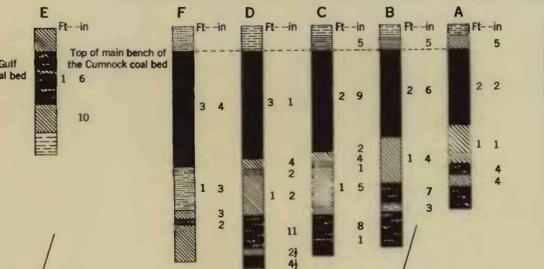
Structure contours drawn on top of main bench of Cumnock coal bed; dashed where error in elevation may exceed 5 feet. Contour interval 10 feet.

Elevation at top of main bench of Cumnock coal bed. Datum is mean sea level.

Thickness of main bench of Cumnock coal beds

Location of measured section of coal beds

**MEASURED SECTIONS OF COAL AND ADJACENT BEDS IN THE CAROLINA MINE**



**EXPLANATION**

- Coal
- Bony or staly coal
- Blackband
- Carbonaceous shale
- Shale
- Siltstone

**GEOLOGIC MAP OF THE CAROLINA MINE, CHATHAM COUNTY, NORTH CAROLINA**

Base compiled from map furnished by Raleigh Mining Co. Shows extent of workings on July 1, 1952.

INTERIOR-GEOLOGICAL SURVEY WASHINGTON D.C. 20540

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