Figure 2.5-16—{Regional Strip Maps Showing Tectonostratigraphic Divisions and Regional Cross-Section Lines}

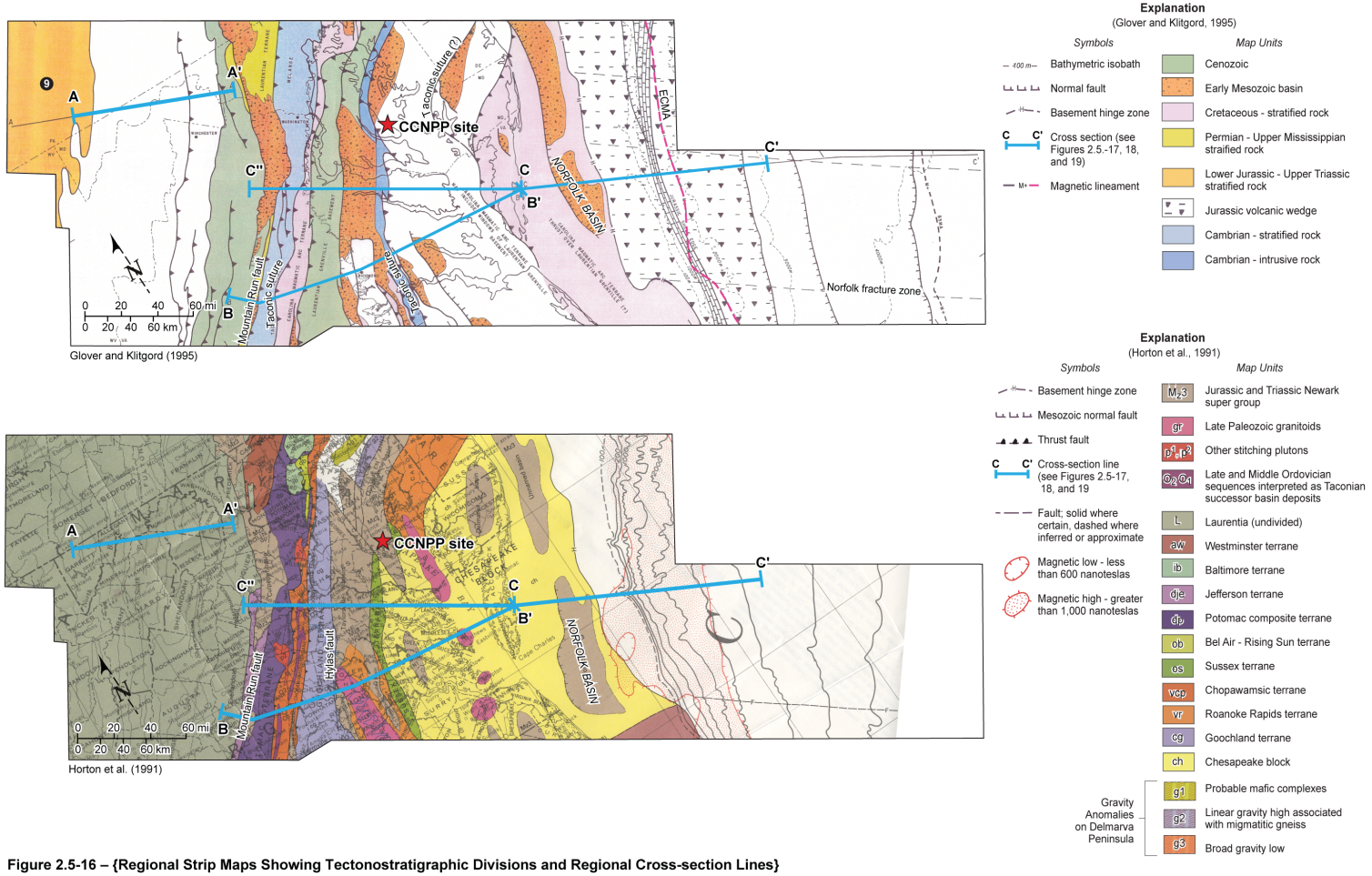

Figure 2.5-16 – {Regional Strip Maps Showing Tectonostratigraphic Divisions and Regional Cross-section Lines}

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Figure 2.5-17—{Crustal-Scale Cross Section Through the Appalachian Orogen and Coastal Plain}

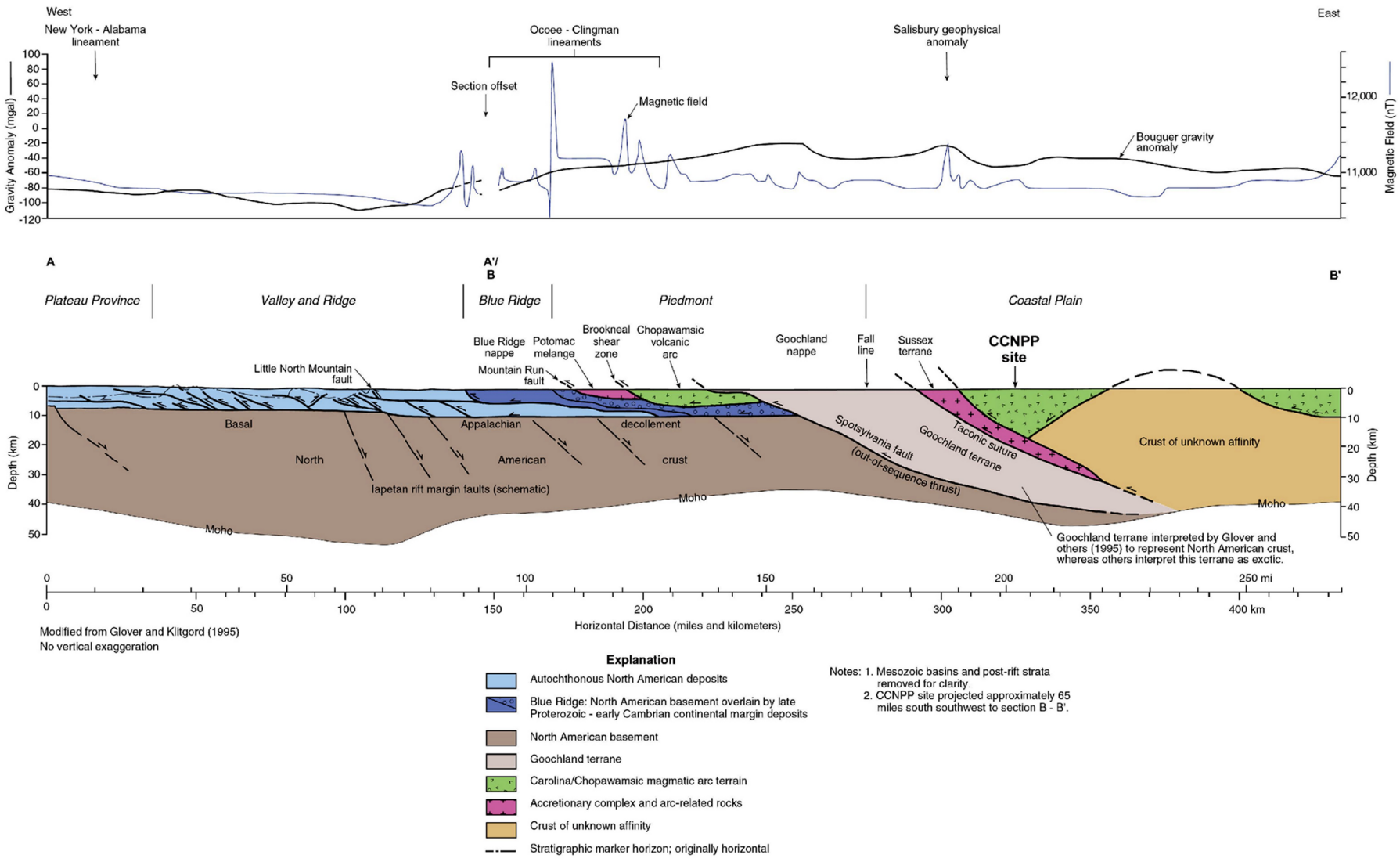

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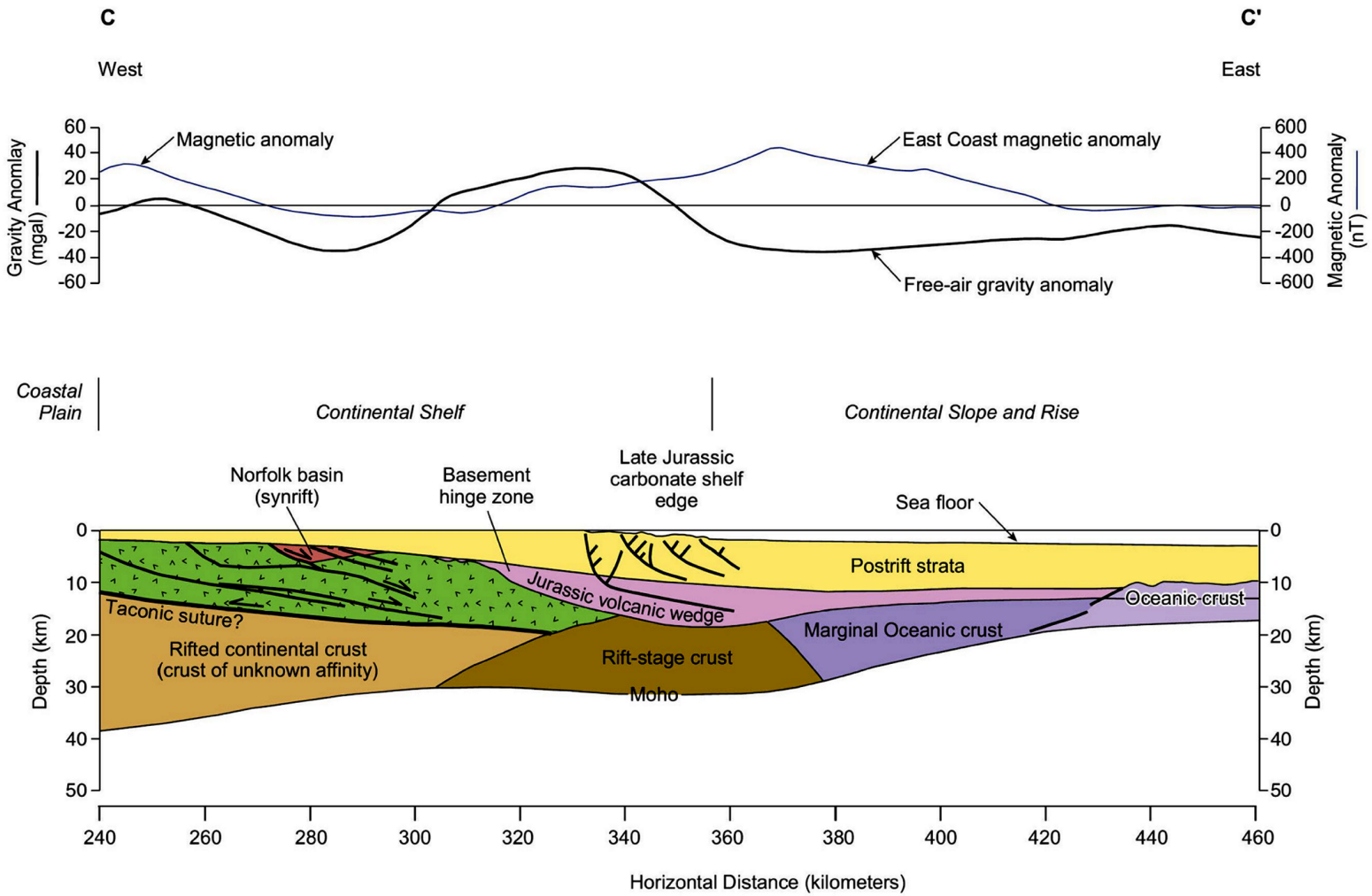
Figure 2.5-18—{Crustal-Scale Cross Section Across the Mid-Atlantic Continental Shelf, Slope and Rise}



Modified from Glover and Klitgord (1995)

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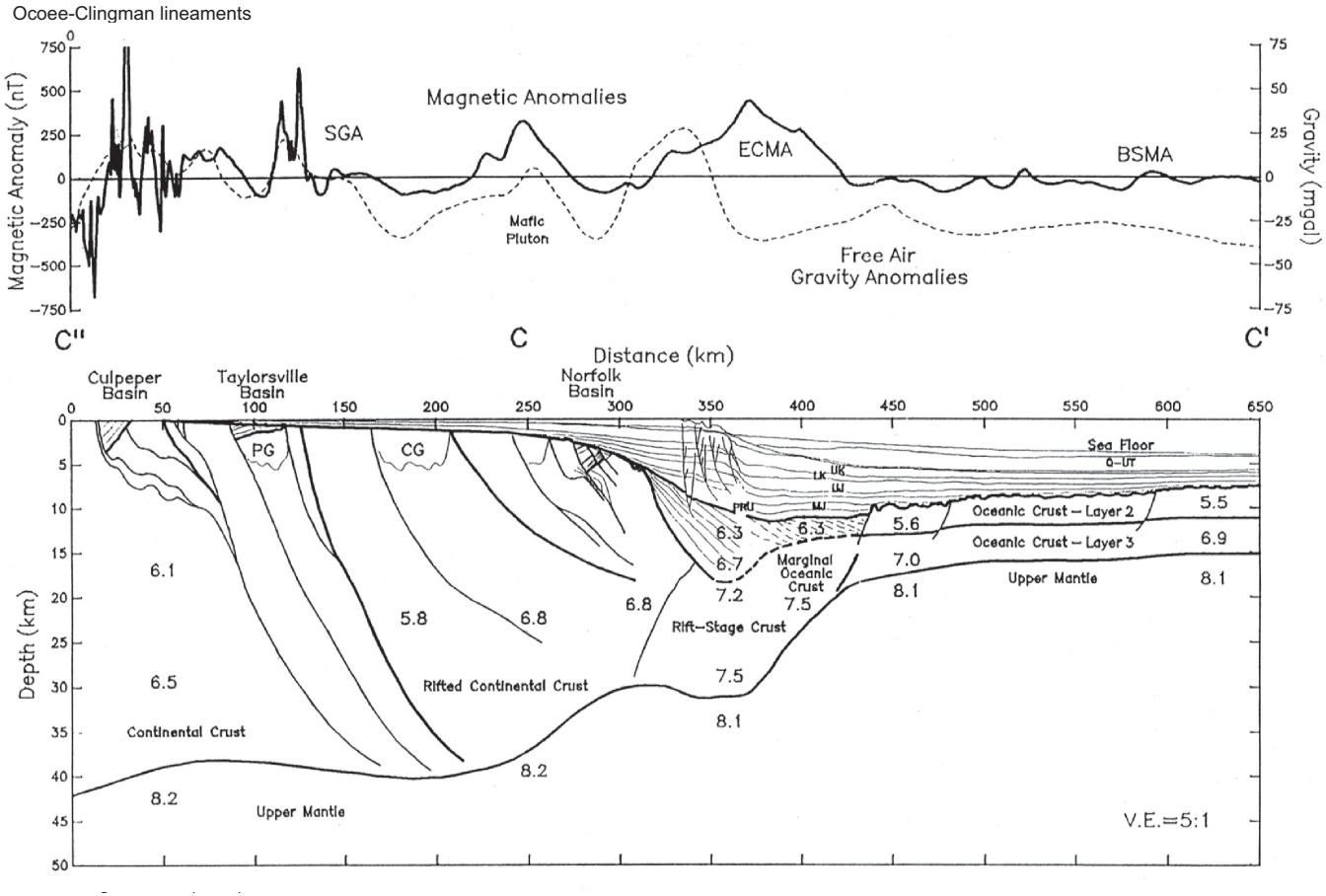
Figure 2.5-19—{Crustal-Scale Cross Section of the Mid-Atlantic Passive Margin}



Cross section along line C'' - C - C' displaying selected crustal fractures. Surface features along segment C'' - C are taken directly from the geologic map panel. Subsurface features have been projected northward onto the profile from cross section B - B'. Magnetic and gravity anomaly profiles along the section and selected refraction velocity values (in km/sec) are shown. Major sub-horizontal crustal boundaries are indicated by heavy lines. Sedimentary strata are indicated by the light lines above the upper heavy line. SGA - Salisbury geophysical anomaly; ECMA = East Coast magnetic anomaly; BSMA = Blake Spur magnetic anomaly; PG = Petersburg Granite; CG = Chesapeake Granite. See Figure 2.5-16 for section location. C- C' is the same as Figure 2.5-17, but represents an alternative interpretation.

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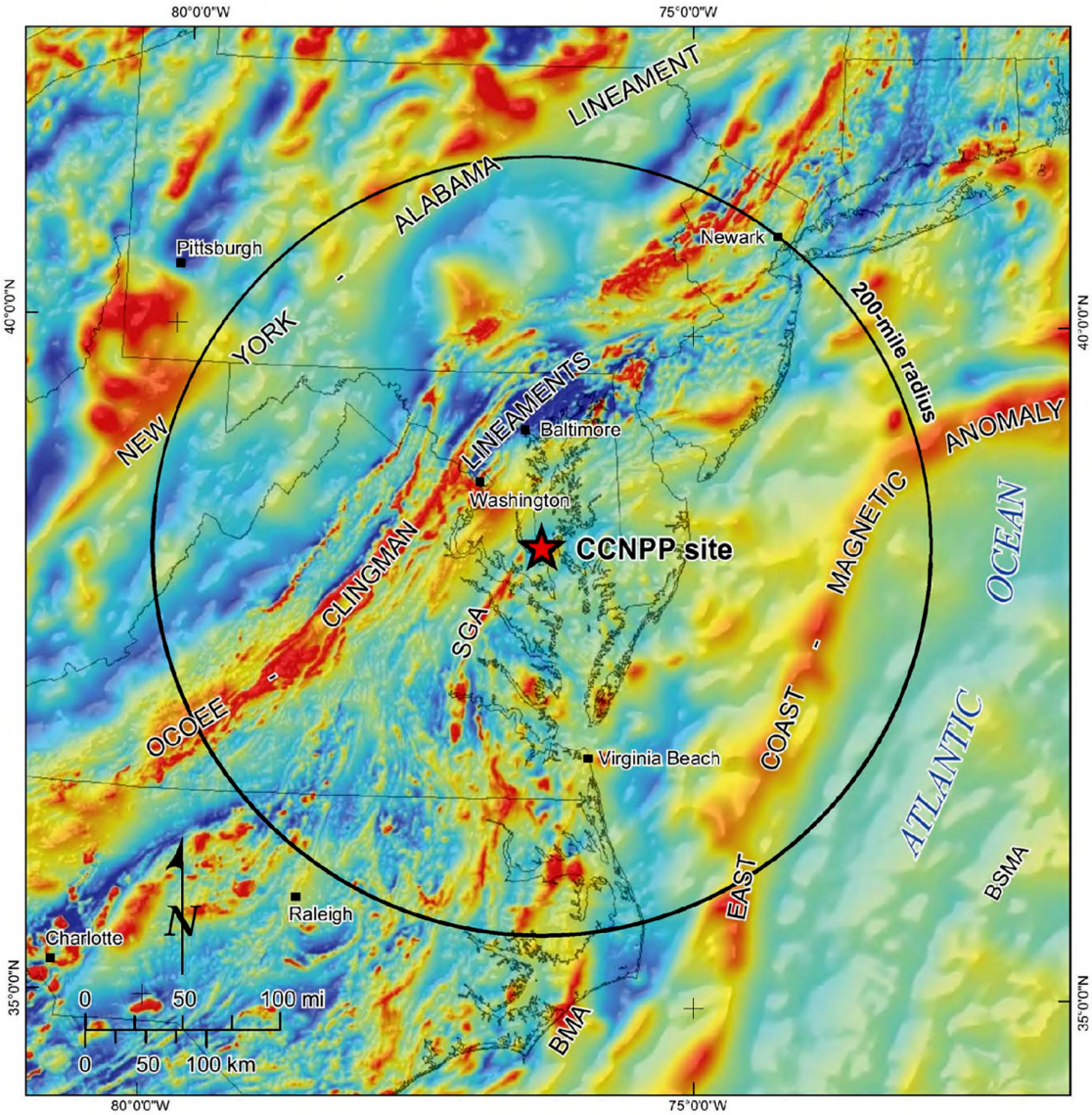
Figure 2.5-20—{Regional Magnetic Anomaly Map}



Explanation

BMA	Brunswick magnetic anomaly
BSMA	Blake Spur magnetic anomaly
SGA	Salisbury geophysical anomaly

Aeromagnetics (Bankey et al., 2002)

8215 nanoteslas

0

-1730 nanoteslas

Note: Aeromagnetic data from Bankey et al. (2002).

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