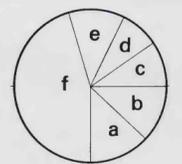
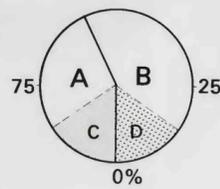


EXPLANATION

- A** Percentage of total heavy minerals in the very fine grained sand to coarse silt-sized fraction
- B** Percentage of total heavy minerals in the coarse- to fine-grained sand fraction
- C** Distribution of economic heavy minerals in the very fine grained sand to coarse silt-sized fraction
- D** Distribution of economic heavy minerals in the coarse- to fine-grained sand-sized fraction



- a** ilmenite
  - b** garnet
  - c** sillimanite and kyanite
  - d** monazite and zircon
  - e** rutile and leucoxene
  - f** epidote, amphibole, staurolite, magnetite, muscovite, ±apatite, ±limonite, ±sphene, ±goethite
- P = <0.5 percent

<sup>1</sup>As mapped by Oaks and Coch (1963, 1973)  
<sup>2</sup>Sample AG 20E was collected from 15 to 20 feet (4.6 to 6.1 meters) below the surface

SIZE DISTRIBUTION OF HEAVY-MINERAL SPECIES IN 15 SAMPLES THAT CONTAIN MORE THAN 1 PERCENT TOTAL HEAVY MINERALS COLLECTED FROM AERORADIOMETRICALLY ANOMALOUS LOCALITIES IN THE COASTAL PLAIN OF VIRGINIA