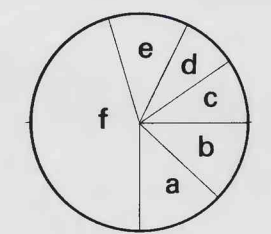
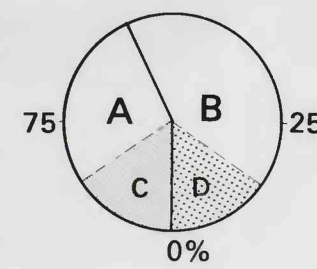


EXPLANATION

- 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, \pm apatite, \pm limonite, \pm sphene, \pm goethite
- P = <0.5 percent

¹As mapped by Oaks and Coch (1963, 1973)
²Sample 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