DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

MISCELLANEOUS GEOLOGIC INVESTIGATIONS
MAP I-476 (SHEET 2 OF 3)

Area of chiefly folded Lower Paleozoic sedimentary rocks

Area of chiefly igneous and metamorphic rocks

Generalized area of Triassic rocks

Generalized boundary of Coastal Plain

INDEX OF EASTERN UNITED STATES SHOWING MAPPED AREA

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Base map from U.S. Geological Survey State base maps

Compiled in 1964–65

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SCALE 1:500 000

10 0 10 20 30 40 50 MILES

10 0 10 20 30 40 50 KILOMETERS

EXPLANATION

- Dunite and olivine-rich peridotite — *Circle indicates small body*
- Pyroxenite (metapyroxenite) — *X indicates small body*
- Ultramafic rocks undivided — *Triangle indicates small body*
- Gabbro and metagabbro, amphibolite, hornblende gneiss, and hornblende schist — *Believed to be derived at least in part from gabbroic and ultramafic rocks. Circle indicates small body*
- Gabbro, pyroxenite, and norite, undivided — *In South Carolina only*
- Harzburgite — *Probably similar to some olivine-rich peridotite above. Cross indicates small body*
- Serpentinite — *Square indicates small body. Serpentized ultramafic rocks not otherwise identified*
- Soapstone — *Includes talc and talcose schist, and some schist of uncertain composition. Star indicates small body*
- Greenstone — *Probably metabasalt, closely associated with gabbro and ultramafic rock, but relations uncertain*
- Boundary between physiographic provinces or generalized areas of differing dominant lithologies
- Contact

MAP SHOWING DISTRIBUTION OF ULTRAMAFIC AND INTRUSIVE MAFIC ROCKS FROM NORTHERN NEW JERSEY TO EASTERN ALABAMA

By
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1966