

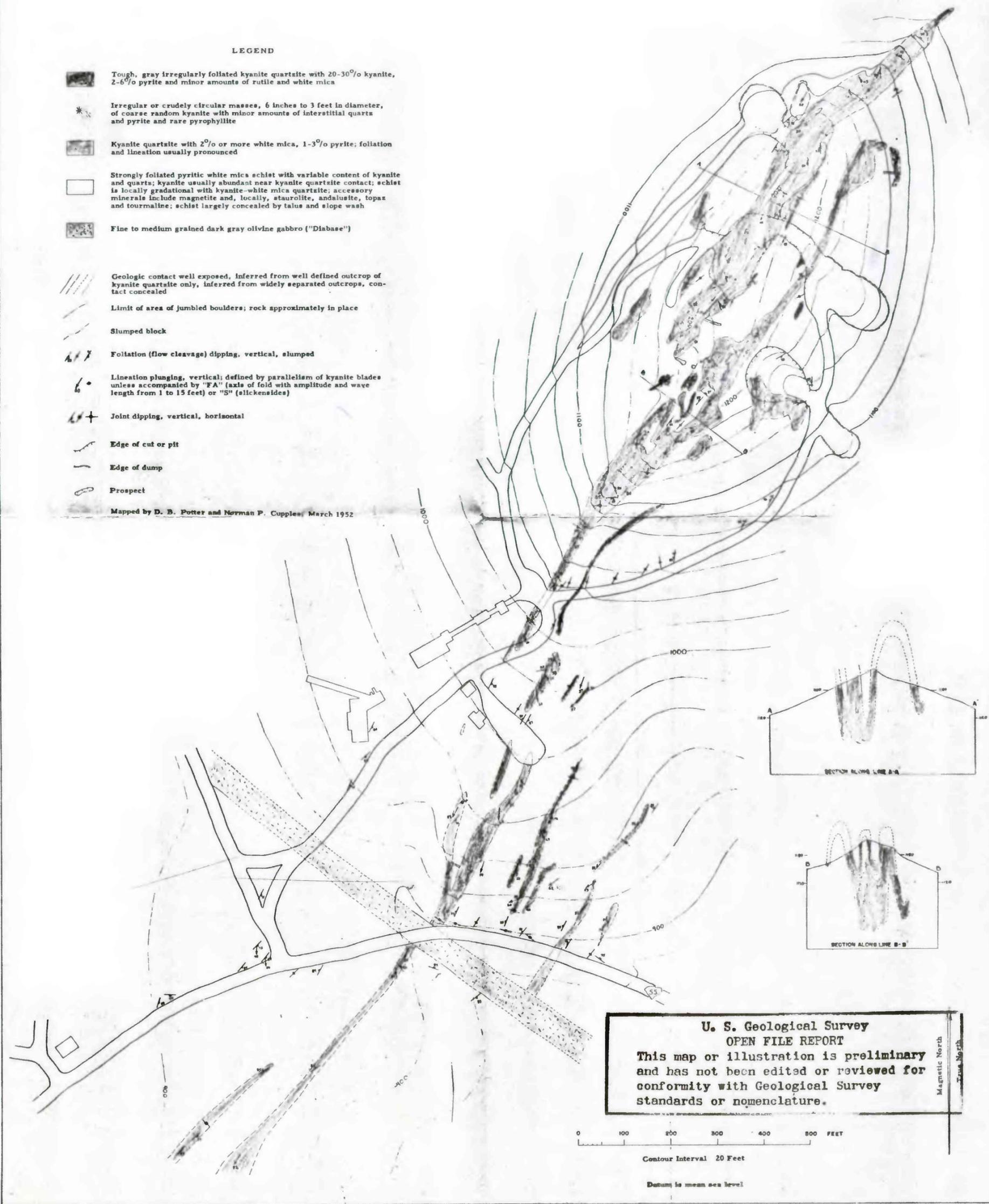
54-248

GEOLOGIC MAP OF HENRY KNOB, YORK COUNTY, SOUTH CAROLINA

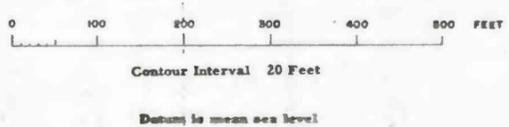
LEGEND

-  Tough, gray irregularly foliated kyanite quartzite with 20-30% kyanite, 2-6% pyrite and minor amounts of rutile and white mica
-  Irregular or crudely circular masses, 6 inches to 3 feet in diameter, of coarse random kyanite with minor amounts of interstitial quartz and pyrite and rare pyrophyllite
-  Kyanite quartzite with 2% or more white mica, 1-3% pyrite; foliation and lineation usually pronounced
-  Strongly foliated pyritic white mica schist with variable content of kyanite and quartz; kyanite usually abundant near kyanite quartzite contact; schist is locally gradational with kyanite-white mica quartzite; accessory minerals include magnetite and, locally, staurolite, andalusite, topaz and tourmaline; schist largely concealed by talus and slope wash
-  Fine to medium grained dark gray olivine gabbro ("Diabase")
-  Geologic contact well exposed, inferred from well defined outcrop of kyanite quartzite only, inferred from widely separated outcrops, contact concealed
-  Limit of area of jumbled boulders; rock approximately in place
-  Slumped block
-  Foliation (flow cleavage) dipping, vertical, slumped
-  Lineation plunging, vertical; defined by parallelism of kyanite blades unless accompanied by "FA" (axis of fold with amplitude and wave length from 1 to 15 feet) or "S" (slickensides)
-  Joint dipping, vertical, horizontal
-  Edge of cut or pit
-  Edge of dump
-  Prospect

Mapped by D. B. Potter and Norman P. Cupples, March 1952



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conformity with Geological Survey
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Magnetic North
True North