GEOLOGIC MAP OF THE PINNACLE, GASTON COUNTY, NORTH CAROLINA

SCHEMATIC PLAN AND SECTIONS OF OVERALL STRUCTURE

LEGEND

- Kyanite quartzite: 5-30% kyanite, accessory white mica, pyrite, magnetite, rutile
- Kyanite-white mica quartzite: 0-5% kyanite, 5-20% white mica
- Chloritoid-white mica schist
- White mica schist, largely covered with talus and slope wash

\[ \text{FOLIATION (FLOW CLEAVAGE) DIPPING, VERTICAL, SLUMPED} \]
\[ \text{LINEATION PLUNGING, VERTICAL, HORIZONTAL (DEFINED BY SMALL FOLD (AMPLITUDE AND WAVELENGTH 1-18 FEET) AXES UNLESS MAGNETIC ACCOMPANYING BY KYANITE BLADES OR CRINLE) } \]
\[ \text{JOINT DIPPING, VERTICAL, HORIZONTAL} \]

PLANEFIGURE BASE ENLARGED FROM AERIAL PHOTOGRAPH
MAPPED BY D B POTTER 1-52

U. S. Geological Survey
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This map or illustration is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

SCALE APPROXIMATE
0 100 200 300 400 500 600 800 FEET

TRUE NORTH

DEPARTMENT OF THE INTERIOR,
UNITED STATES GEOLOGICAL SURVEY
PLATE 5