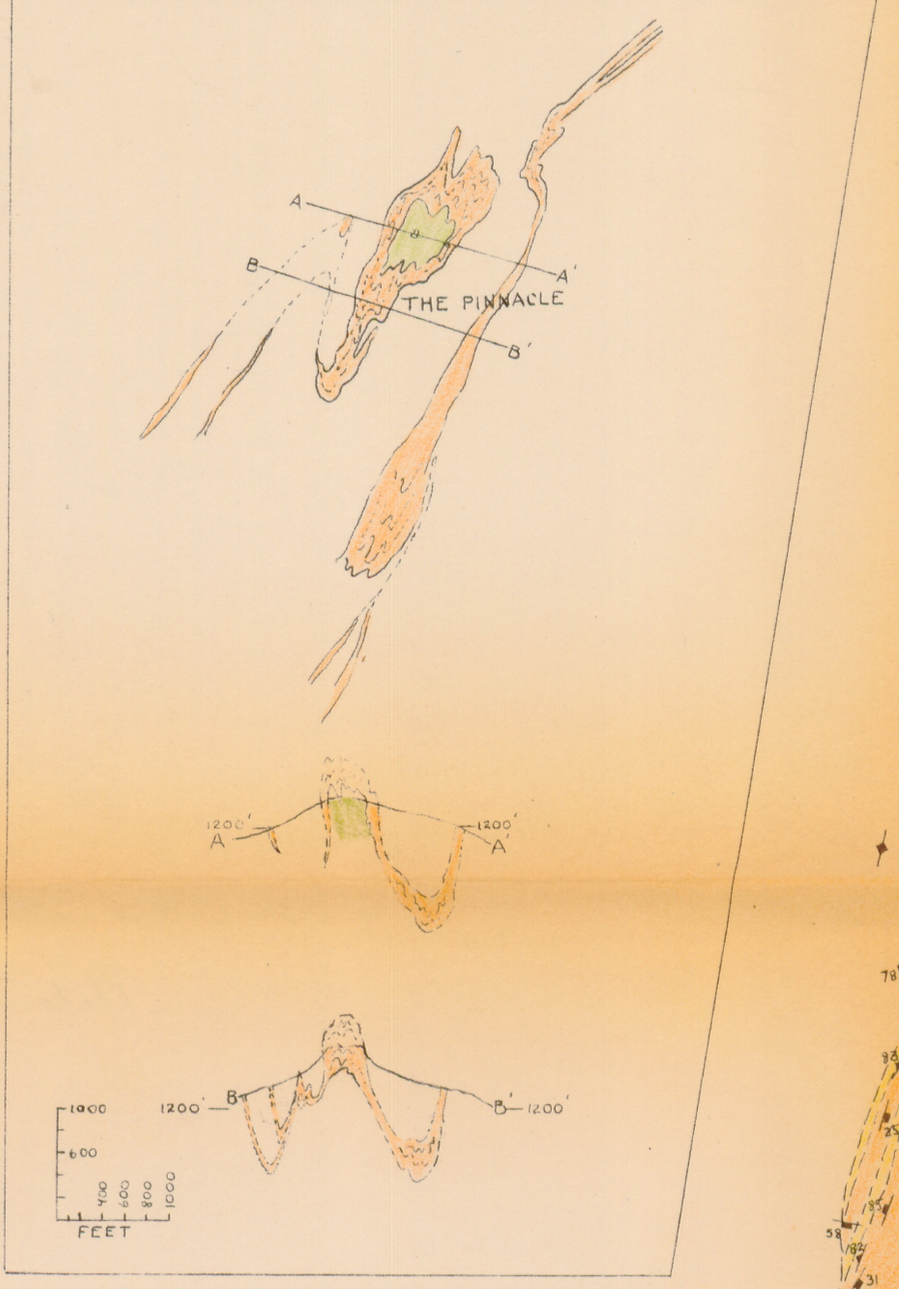
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PLATE V

GEOLOGIC MAP OF THE PINNACLE, GASTON COUNTY, NORTH CAROLINA

SCHEMATIC PLAN AND SECTIONS OF OVERALL STRUCTURE





TRUE NORTH

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
- FOLIATION (FLOW CLEAVAGE) DIPPING, VERTICAL, SLUMPED
- LINEATION PLUNGING, VERTICAL, HORIZONTAL; DEFINED BY SMALL FOLD (AMPLITUDE AND WAVE LENGTH 1-15 FEET) AXES UNLESS MAGNETUDE ACCOMPANIED BY K (KYANITE BLADE) OR CR (CRINKLE)
- JOINT DIPPING, VERTICAL, HORIZONTAL

PLANIMETRIC BASE ENLARGED FROM AERIAL PHOTOGRAPH

MAPPED BY D B POTTER 1-52

SCALE APPROXIMATE

0 100 200 400 600 800 FEET