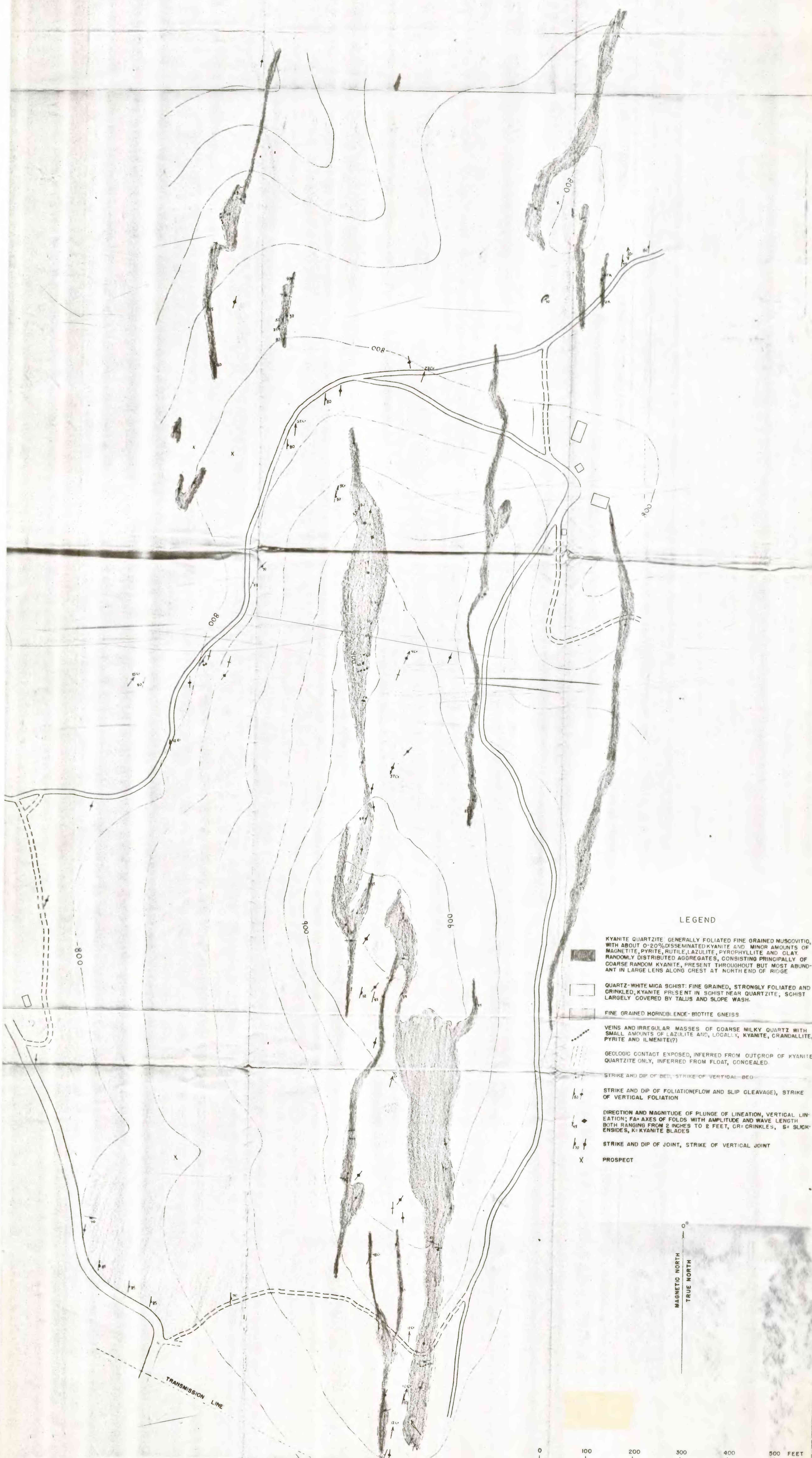


GEOLOGIC MAP OF THE NORTH END OF CLUBB MOUNTAIN, LINCOLN COUNTY, NORTH CAROLINA



LEGEND

- KYANITE QUARTZITE: GENERALLY FOLIATED FINE GRAINED MUSCOVITIC, WITH ABOUT 0-20% DISSEMINATED KYANITE AND MINOR AMOUNTS OF MAGNETITE, PYRITE, RUTILE, LAZULITE, PYROPHYLITE AND CLAY. RANDOMLY DISTRIBUTED AGGREGATES, CONSISTING PRINCIPALLY OF COARSE RANDOM KYANITE, PRESENT THROUGHOUT BUT MOST ABUNDANT IN LARGE LENS ALONG CREST AT NORTH END OF RIDGE.
- QUARTZ-WHITE MICA SCHIST: FINE GRAINED, STRONGLY FOLIATED AND CRINKLED, KYANITE PRESENT IN SCHIST NEAR QUARTZITE, SCHIST LARGELY COVERED BY TALUS AND SLOPE WASH.
- FINE GRAINED HORNBLENDE-BIOTITE GNEISS.
- VEINS AND IRREGULAR MASSES OF COARSE MILKY QUARTZ WITH SMALL AMOUNTS OF LAZULITE AND, LOCALLY, KYANITE, CRANDALLITE, PYRITE AND ILMENITE(?).
- GEOLOGIC CONTACT EXPOSED, INFERRED FROM OUTCROP OF KYANITE QUARTZITE ONLY, INFERRED FROM FLOAT, CONCEALED.
- STRIKE AND DIP OF BED, STRIKE OF VERTICAL BED.
- STRIKE AND DIP OF FOLIATION (FLOW AND SLIP CLEAVAGE), STRIKE OF VERTICAL FOLIATION.
- DIRECTION AND MAGNITUDE OF PLUNGE OF LINEATION, VERTICAL LINEATION; FA= AXES OF FOLDS WITH AMPLITUDE AND WAVE LENGTH BOTH RANGING FROM 2 INCHES TO 2 FEET, CR= CRINKLES, S= SLICKENSIDES, K= KYANITE BLADES.
- STRIKE AND DIP OF JOINT, STRIKE OF VERTICAL JOINT.
- PROSPECT.

MAGNETIC NORTH  
TRUE NORTH

0 100 200 300 400 500 FEET

CONTOUR INTERVAL 20 FEET  
DATUM APPROXIMATELY MEAN SEA LEVEL

MAPPED BY D.B. POTTER AND LEWIS A. BRUBAKER  
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U. S. Geological Survey  
OPEN FILE REPORT

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