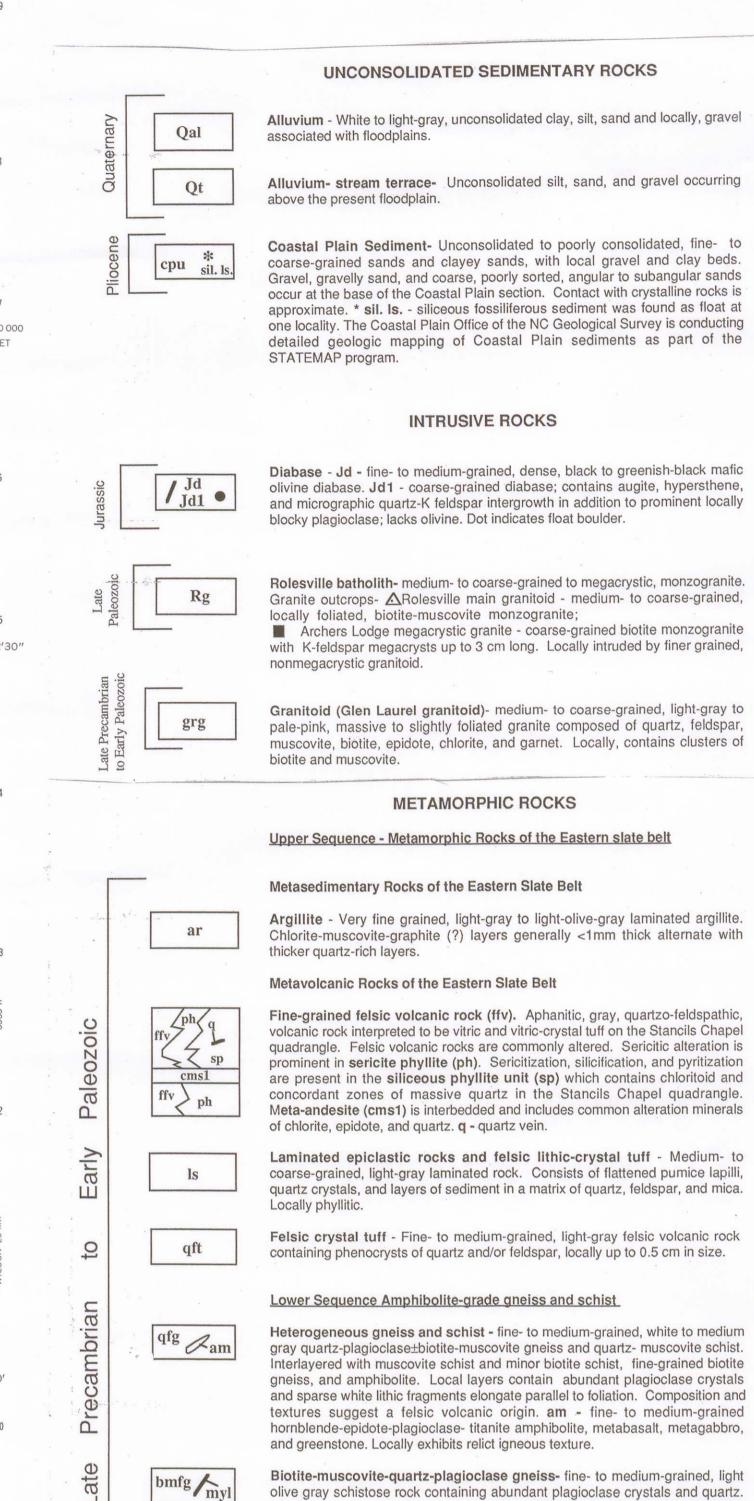
Geology mapped 1992 - 1994.

89 MILS 1°34′ 28MILS

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Release date: January 1998.

Summary of Map Units



Contact - well located Contact - well located Contact - concealed Strike and dip of cleavage (primary schistosity) Strike of vertical bedding Strike of vertical cleavage (primary schistosity) Cobservation site in crystalline rocks Outcrop locality 1. Quartzofeldspathic gneiss and Schist - qfg 2. Quartzofeldspathic gneiss and Schist - qfg 3. Biotite-muscovite-quartz-plagioclase gneiss - bmfg

Contains pyrite, locally. Crystals are particularly prominent on weathered surfaces. Includes discontinuous, narrow elongated, and pod-like lenses of very fine-grained, very finely striped felsic rock enveloped in biotite-rich schist. Gneiss (bmfg) from the Mill Creek area has been given a U-Pb date of 620 \pm 9

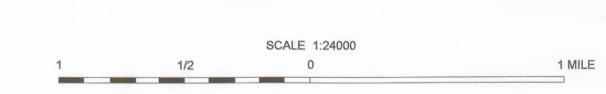
Garnet-muscovite-biotite schist- medium-grained, gray to black muscovite-biotite schist containing small scattered pink garnets and, locally, staurolite. Contains minor interbedded felsic gneiss, biotite gneiss, and

Ma (Goldberg, 1994). myl - mylonite to protomylonite.

RL-3 Geothermal test well

Available of

sil. ls. - siliceous fossiliferous





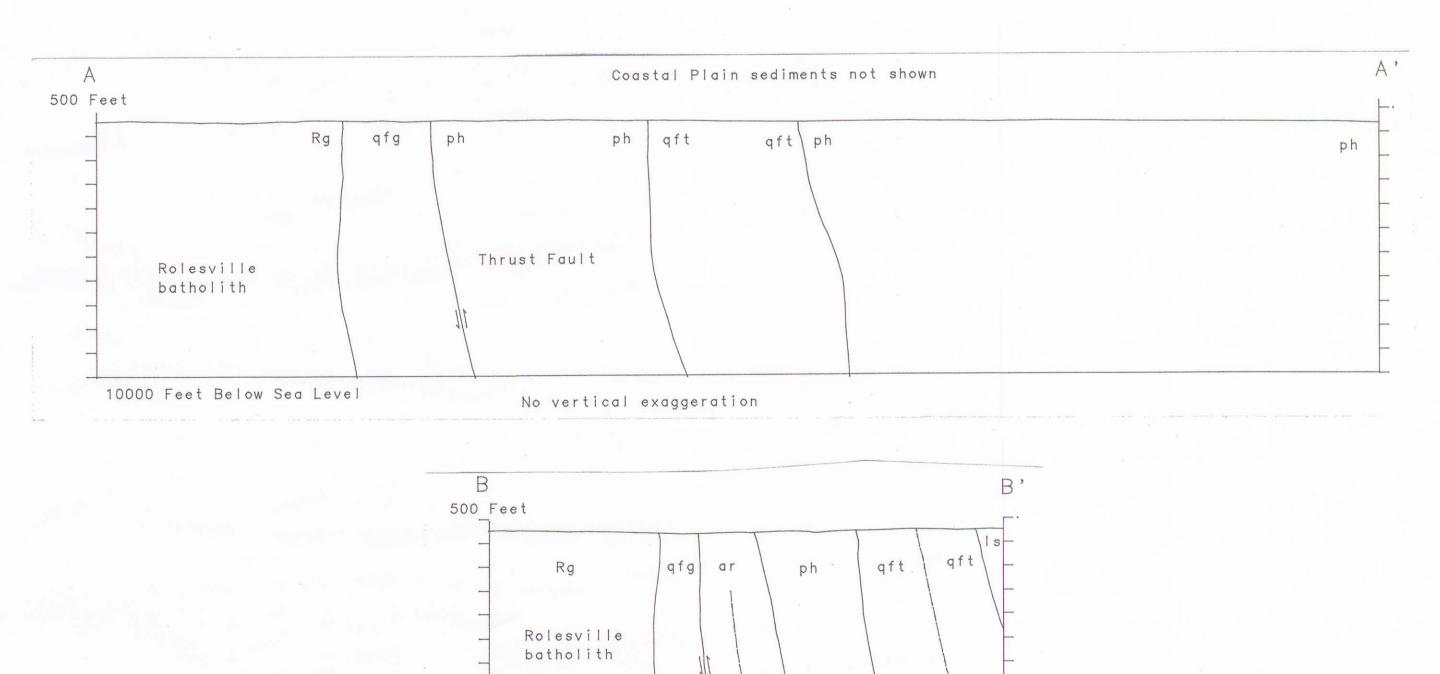
DIVISION OF LAND RESOURCES assistance award 1434-93-A-1165. qft 3957 FL-D (cms) LEB (cms) FL-K (qft) O-FL-J (qft) WILSON MILES

BEDROCK GEOLOGIC MAP OF THE FLOWERS 7.5-MINUTE QUADRANGLE, JOHNSTON COUNTY, NORTH CAROLINA

By

P. Albert Carpenter III, Robert H. Carpenter, Edward F. Stoddard, John R. Huntsman, and J. Alexander Speer

1998



antiform

10000 Feet Below Sea Level

of

No vertical exaggeration