



GEOLOGY OF CHATHAM COUNTY, N.C.
BY
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This report is preliminary and has not been edited or reviewed for conformity with North Carolina Geological Survey standards and nomenclature.

LEGEND

<p>IGNEOUS ROCKS</p> <p>diabase dike, dd; diabase sill, ds</p> <p>felsic igneous complex</p> <p>mafic igneous complex</p> <p>ultramafic rocks</p> <p>SEDIMENTARY ROCKS</p> <p>floodplain alluvium</p> <p>gravel deposit (alluvial)</p> <p>Coastal Plain sands and clays, unconsolidated</p> <p>gravel deposits (marine?)</p> <p>limonitic sediment</p> <p>Sanford Formation, fanglomerate</p> <p>Sanford Formation</p> <p>Cumock Formation</p> <p>Pekin Formation</p> <p>Pekin Formation, basal conglomerate</p>	<p>METASEDIMENTARY AND METAVOLCANIC ROCKS</p> <p>argillite</p> <p>arkose</p> <p>graywacke</p> <p>wacke conglomerate</p> <p>abyssite flows</p> <p>abyssite tuffs</p> <p>felsic crystal tuffs and felsic tuffs</p> <p>felsic crystal-lithic tuffs</p> <p>andesitic-dacitic tuffs</p> <p>andesitic crystal tuffs</p> <p>andesitic crystal-lithic tuffs</p> <p>andesite flows</p> <p>mafic tuffs</p> <p>basalt flows</p> <p>sericite phyllite</p> <p>phyllite, meta-arkose and greenstone</p> <p>hornblende gneisses</p> <p>mica and schists, injected gneisses and schists</p> <p>felsic gneisses; graphitic schist, gs</p>
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SYMBOLS

Contact

Dashed where approximately located; dotted where concealed by Coastal Plain sediments

Gradational contact

Shear zone

Anticline Syncline

Fault

Dashed where approximately located; U, upstream side; D, downstream side