

Rock Units of the Kent Quadrangle

To be used with the Bedrock Geologic Map (Plate 2)

Igneous Rocks

Ordovician
Op Oc **Candlewood Lake Pluton (Oc):** Massive or foliated, light-gray, muscovite-biotite... Quartz Monzonite. **Pegmatite (Op):** Country rock inclusions within the Pluton.

Precambrian
p-Epa p-Ep **Granitic Gneiss (p-Cpa):**
p-Ea **Pink Granitic Gneiss (p-Cp):** Massive, pink, quartz-microcline gneiss...
p-Eu **Augen Gneiss (p-Ca):** Well foliated, pink and black... biotite-quartz-microcline gneiss with abundant microcline augen
Ultramafic Rock (p-Cu): Coarse, massive, gray, olivine-anthophyllite... rock with varied amounts of talc and serpentine

— formation

Displaced

Ociaw

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Autochthonous Rocks Stratigraphic Units Allochthonous Rocks

Middle Ordovician
Omag **Manhattan A**
Granulite Member (Omag): Well foliated, gray... biotite schistose granulite and Calc-silicate rock...
Omam **Marble Member (Omam):** Well foliated, tan... weathering, calcite marble

Unconformity

Cambrian and/or Ordovician
O-Eib **Inwood Marble**
Member B (O-Eb): Thin interbedded granulite... calc-silicate, calcite marble, and dolomite marble...
O-Eia **Member A (O-Ea):** White and gray dolomite... marble...
Subdivisions of Member A:
O-Eiad (O-Eiad): White and gray dolomite marble...
O-Eiaw (O-Eiaw): White dolomite...
O-Eiaq (O-Eiaq): Quartzite...
O-Eiaq (O-Eiaq): Gray dolomite

Middle Ordovician
Omo **Moretown Formation (Omo):** Massive, glassy... micaceous quartzite and well foliated, gray, biotite-gamet-muscovite schist. Amphibolite Member... (Omoa)

Cambrian
-Eip **Lowerre Quartzite**
Peat Hill Member (Eip): Well foliated, gray... micaceous or schistose feldspathic granulite and... calc-silicate...
-Ei **Lowerre Quartzite (Ei):** Quartzite, micaceous... granulite, schistose feldspathic granulite, schist... and minor calc-silicate rock

Cambrian
-Emcaa **Manhattan C**
Above-All Member (Emcaa): Well foliated, mica- feldspar-quartz schist with abundant quartz and... pegmatite lenses...
-Emcgr **Schistose Granulite Member (Emcgr):** Massive or well foliated, gray, schistose gneiss, micaceous... gneiss and granulite...
-Emca **Amphibolite Member (Emca):** Massive, gamet- quartz-plagioclase amphibolite...
-Emcsg **Siliceous Granulite Member (Emcsg):** Well foliated, tan-weathering, micaceous or schistose granulite... and quartzite...
-Emcgn **Schistose Gneiss Member (Emcgn):** Well foliated, gray, schist with abundant sillimanite nodules

Unconformity

Precambrian
p-Ec **Calc-silicate (p-Cc):** Massive, greenish black and... white, biotite-dioptide-hornblende calc-silicate rock... and minor dacite marble...
p-Eha **Gray Hornblende Gneiss-Amphibolite (p-Cha):** Amphibolite and well foliated, gray, biotite- hornblende gneiss...
p-Eg **Gray Biotite Gneiss (p-Cg):** Well foliated, biotite- quartz-plagioclase gneiss

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