

LEGEND

This legend is common to maps 1979A, 1980A, 1981A, 1982A, 1983A, 1984A, and 1985A.  
All units and symbols may not appear on all maps

QUATERNARY

Q

Till, outwash, deltaic gravel, and sandy alluvium

----- unconformity -----

ORDOVICIAN

OI

Limestone (Amadjuak and Frobisher Bay formations, undivided)

----- unconformity -----

NEOPROTEROZOIC

Nd

Diabase dyke

----- intrusive contact -----

STRUCTURAL LEVEL 3

PALEOPROTEROZOIC

CUMBERLAND BATHOLITH

PCd

Hornblende-orthopyroxene-clinopyroxene quartz diorite; locally layered with compositions ranging from leucodiorite to anorthosite

PCme

Epidote-biotite monzogranite

PCmb

Biotite±orthopyroxene monzogranite; with garnet±cordierite

PCmg

Biotite-garnet monzogranite; commonly contains inclusions of metasedimentary rock

PCmo

Orthopyroxene-biotite monzogranite to syenogranite; locally with K-feldspar megacrysts

----- intrusive contact -----

BLANDFORD BAY ASSEMBLAGE

PBBm

Metaperidotite, metagabbro, layered metaperidotite-metagabbro, metapyroxenite

PBBq

Feldspathic quartzite; pelite, semipelite

----- faulted unconformity ? -----

LAKE HARBOUR GROUP

PLHw

White biotite-garnet monzogranite; commonly interlayered with metasedimentary rock

PLHd

Metaleucodiorite, metatonalite

PLHm

Metagabbro, amphibolite

PLHu

Metaperidotite, metapyroxenite, metadunite

PLHc

Marble, calc-silicate; minor siliciclastic layers; white biotite-garnet monzogranite pods and seams

PLHp

Dominantly psammite; semipelite, orthoquartzite, pelite; minor marble and calc-silicate; white biotite-garnet monzogranite pods and seams

PLHs

Dominantly semipelite; pelite, psammite, orthoquartzite; minor marble and calc-silicate; white biotite-garnet monzogranite pods and seams

----- faulted unconformity ? -----

RAMSAY RIVER ORTHOGNEISS

PRm

Orthopyroxene-biotite±hornblende monzogranite-tonalite orthogneiss; hornblende-biotite-clinopyroxene±orthopyroxene quartz diorite; orthopyroxene-biotite±hornblende monzogranite to syenogranite veins

----- fault -----

STRUCTURAL LEVEL 2

PALEOPROTEROZOIC

NARSAJUAQ ARC

PNd

Hornblende-clinopyroxene±orthopyroxene-biotite quartz diorite; orthopyroxene-biotite±hornblende monzogranite and hornblende-biotite tonalite veins

PNa

Hornblende±clinopyroxene anorthosite; orthopyroxene-biotite±hornblende monzogranite to syenogranite veins

PNm

Orthopyroxene-biotite±hornblende monzogranite, layered orthopyroxene-biotite±hornblende±garnet±clinopyroxene tonalite, granodiorite and quartz diorite gneiss; hornblende anorthosite layers; amphibolite, hornblendite and metapyroxenite enclaves; orthopyroxene-biotite±hornblende monzogranite to syenogranite veins

----- fault, intrusive contact -----

SUGLUK GROUP

Pss

Dominantly semipelite; pelite; minor quartzite and amphibolite

----- fault -----

STRUCTURAL LEVEL 1

PALEOPROTEROZOIC

POVUNGNITUK GROUP

PPm

Amphibolite, quartzite, semipelite; pelite; metaperidotite, metapyroxenite

----- faulted unconformity ? -----

ARCHEAN OR PALEOPROTEROZOIC

SUPERIOR PROVINCE ?

ASmt

Layered hornblende±biotite±orthopyroxene mafic tonalite and hornblende±biotite±orthopyroxene±clinopyroxene quartz diorite gneiss; pyroxenite, amphibolite and hornblendite enclaves; biotite monzogranite to syenogranite veins

----- fault -----

ARCHEAN

SUPERIOR PROVINCE

ASg

Biotite±hornblende±orthopyroxene granite, granodiorite; biotite±hornblende syenogranite; commonly contains inclusions of tonalite gneiss

ASt

Biotite±hornblende±orthopyroxene±clinopyroxene±garnet tonalite; pyroxenite, amphibolite and hornblendite enclaves; biotite monzogranite veins

Geological contact (defined, approximate)

Form lines

D<sub>1</sub> thrust fault (defined, approximate); teeth on hanging wall

D<sub>2</sub> thrust fault (defined, approximate); teeth on hanging wall

Oblique-slip fault (defined)

Normal fault (defined); solid circle on hanging wall

Compositional layering

45

Foliation

27

Extension lineation

21

Fold axis

55

Intersection lineation

30

D<sub>2</sub> synform (upright, overturned)

f<sub>2</sub>

D<sub>2</sub> anti-form (upright, overturned)

f<sub>2</sub>

D<sub>3</sub> synform (upright, overturned)

f<sub>3</sub>

D<sub>3</sub> anti-form (upright, overturned)

f<sub>3</sub>

D<sub>4</sub> synform (upright, overturned)

f<sub>4</sub>

D<sub>4</sub> anti-form (upright, overturned)

f<sub>4</sub>

Radiometric age

mz - monazite   t - titanite   xz - xenocrystic zircon   z - zircon

Sample number

Age (in Ma) (mineral)