

# 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	
Foliation	
Extension lineation	
Fold axis	
Intersection lineation	
D <sub>2</sub> synform (upright, overturned)	
D <sub>2</sub> anti-form (upright, overturned)	
D <sub>3</sub> synform (upright, overturned)	
D <sub>3</sub> anti-form (upright, overturned)	
D <sub>4</sub> synform (upright, overturned)	
D <sub>4</sub> anti-form (upright, overturned)	
Radiometric age mz - monazite t - titanite xz - xenocrystic zircon z - zircon	

Sample number  
Age (in Ma) (mineral)