

LEGEND

MESOPROTEROZOIC

Pmdb

Mackenzie diabase dykes.

PALEOPROTEROZOIC

DUBAWNT SUPERGROUP (units P_{CI}–P_T)

BARRENSLAND GROUP (units P_{Tr}–P_T)

PT

THELON FORMATION; quartz arenite; cross-stratified fluvial sandstone; very large-scale cross-stratified eolian sandstone.

PTr

SUB-THELON FORMATION; regolith; silcrete; pervasive quartz-hematite-illite-kaolinite or chlorite-muscovite-dolomite alteration (e.g. Chiarenzelli, 1983).



WHARTON GROUP (units P_A–P_{PP})

PP

PITZ FORMATION; rhyolite and interbedded conglomerate and sandstone.

PA

AMAROOK FORMATION; very large-scale cross-stratified, subarkosic arenite (eolian facies); conglomerate and pebbly sandstone (fluvial facies).



BAKER LAKE GROUP (units P_{gt}–P_M)

PM

Martell Syenite; brown to red, fine- to coarse-grained equigranular or porphyritic syenite.

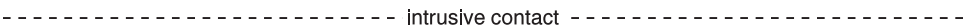
PCI

CHRISTOPHER ISLAND FORMATION; massive minette flows; interbedded lithic arenite and cobble- to boulder-grade, clast-supported conglomerate (alluvial fan and fluvial facies).



Pgt

Hudson Granite; pink leucocratic; medium grained equigranular to weakly porphyritic, minor biotite; 1835 ± 1 Ma (Roddick et al., 1992).



KETYET RIVER GROUP (informal) (units P_{mi}–P_{wk})

Pwk

Metawacke; buff, grey to pale-brown weathering, typically flaggy to schistose, pervasive carbonate, rare granular to pebbly interbeds.

Pif

Iron-formation; sulphide-silicate facies; hematite, pyrrhotite, grunerite, biotite.

Pcg

Polymictic boulder, cobble and pebble conglomerate with wacke and slate interbeds; matrix- and clast-supported; < 2.0 Ga (Pehrsson et al., 2002).

Pdb

Undifferentiated diabase or metagabbro dykes.

Pqz

Quartzite, locally crossbedded and rippled; white, but locally hematitic; minor metamorphic kyanite; fuchsite; minor oligomictic conglomerate; < 2.45 Ga (Pehrsson et al., 2002).

Pqcg

Oligomictic conglomerate; locally with chert and quartzite clasts.

Pmi

Mafic to intermediate volcanic rocks; dark to medium green, fine- to medium-grained, ophitic to subophitic, commonly plagioclase porphyritic and locally megacrystic (1–3 cm), variably foliated, minor volcaniclastic rocks.

ARCHEAN OR PROTEROZOIC

APgd

Granodiorite, diorite; age uncertain.

NEOARCHEAN

Agt

Granite; medium- to coarse-grained; biotite, amphibole, and/or magnetite-bearing; massive to variably foliated.

Ag

Agcfz

Un-subdivided granitoid rocks: granite, granodiorite, tonalite, minor diorite and gabbro; biotite ± hornblende; medium- to coarse grained; foliated to gneissic; 2695 ± 4 Ma (LeCheminant and Roddick, unpublished data); locally mylonitic, e.g. extension of Chesterfield Fault Zone (Agcfz) of Schau et al. (1982).

Atng

Porphyritic to inequigranular granodiorite, tonalite, and amphibolite; gneissic to layered (extension of Akutuak Gneiss from Schau et al., 1982).

WOODBURN GROUP (informal) (units A_m–A_{wkq})

Awkq

Arkosic metawacke; buff to medium grey; poorly sorted, massive to graded beds; with interbedded iron-formation, volcaniclastic and minor mafic to felsic volcanic rocks, psammite to rare pelite.

Afvc

Felsic to intermediate volcaniclastic rocks and volcanic wacke; fine-grained to gritty to pebbly with abundant quartz and plagioclase crystals; muscovite, carbonate and chlorite.

Aqz

Quartzite; massive to schistose; local muscovite, biotite, sillimanite; local kyanite-chloritoid schist.

Aif

Iron-formation; oxide, carbonate, and silicate facies; predominantly white, also grey, blue, or pink.

Am

Mafic volcanic rocks; minor intermediate to felsic volcanic and volcaniclastic rocks, also undifferentiated metasedimentary rocks; locally schistose; minor komatiite flows (K).

MESOARCHEAN

Agd

Granodiorite; foliated to schistose, typically with strong fabrics; chlorite-biotite bearing; medium- to coarse-grained; white weathering.

