



CENOZOIC	
QUATERNARY	
PLEISTOCENE-RECENT	Unconsolidated glacial drift with associated marine, lake, river and bog deposits. Chiefly marine muds on coastal areas. Includes some felsic mica-schists.
ORDOVICIAN	Dolomitic limestone; minor calcareous dolomite
UPPER MIDDLE AND UPPER ORDOVICIAN	Ols
UPPER LOWER AND LOWER MIDDLE ORDOVICIAN	Ols
SHIP POINT FORMATION	Dolostone, in part sandy, silty, argillaceous; dolomitic flat-pebble conglomerate; minor dolomitic sandstone, siltstone, breccia, quartz-cemented sandstone
RADINIAN	Hd
FRANKLIN INTRUSIONS	Tholeiitic diabase dykes
AMERIAN	Ay
Massive, fine-to coarse-grained, pink granite-granodiorite; chiefly quartz monzonite; abundant crosscutting veins and sheets of aplite and pegmatite; local weak foliation	Ay
Massive, white muscovite-biotite granite-quartz monzonite	Ay
Pegmatite; white to light grey; massive; includes some aplite and granite; may contain muscovite, biotite, garnet, tourmaline and beryl; chiefly sills and dykes but also crosscutting veins and sheets; local deformation and foliation; mapped and schistose bodies	Ay
FILLING GROUP (Ad-Ap)	Undivided Filling Group
Ap	Metamorphosed iron formation; chiefly oxide facies with silicate facies; metallic group: fine-to coarse-grained; laminated to bedded; includes quartzite, variegated, amphibolite and basic metavolcanic horizons
Alb	LONGSTAFF BLUFF FORMATION: gneissocore, psammite, slate and metamorphic equivalents (schist, paragneiss, migmatitic paragneiss); interbedded; thin to thick bedded, light to dark grey; graded beds and typical calcilithic structures; some rusty schist; minor calcilithic rocks
Aar	ASTARTE RIVER FORMATION: dolomite, marble and calcilicate gneiss; chiefly white to grey or buff weathering; minor paragneiss, quartzite, and rusty schist
Ari	FLINT LAKE FORMATION: dolomite, marble and calcilicate gneiss; chiefly white to grey or buff weathering; minor paragneiss, quartzite, and rusty schist
Alq	DEWAR LAKES FORMATION: quartzite and feldspathic quartzite; grey, white and black; laminated, bedded and massive; includes muscovite schist, commonly with sillimanite, and paragneiss; some rusty horizons
ARCHEAN	
MANT	GIVER GROUP (Agn, Agm)
Agn	Meta-anorthosite-metapabbr: white to grey; banded to massive; foliated; fine-to coarse-grained; megacrystic with local football anorthosite; cumulate textures; layers of amphibolite and hornblende; foliated amphibolite dykes
Ap	Slate, greywacke and metamorphic equivalents (schist, paragneiss, migmatitic paragneiss); laminated to thick bedded; light to dark grey; rusty; minor impure quartzite, conglomerate, amphibolite and volcanoclastic rocks
Agm	Mafic metavolcanics; chiefly magnetized amphibolite; dark grey, brown, green, black; fine-to medium-grained; foliated, banded and massive
Amz	Quartzite; white to pale grey; thin bedded to massive; fine grained to very fine grained; sheared; shaly; minor schist and paragneiss horizons; amphibolite sills; includes coarse cobble conglomerate with acid metavolcanic clasts and some quartzite with green mica (fuchsite)
Aam	Amphibolite and hornblende gneiss dykes; medium-to coarse-grained; dark grey green to black; commonly foliated and banded
Amr	Ultramafic rocks; serpentinized peridotite and hornblende; foliated to schistose; dark green or brown weathering
Agf	Weakly mineral foliated quartz monzonite-granodiorite; monzonite granite; pale pink to grey; medium-to coarse-grained
Aag	Potash feldspar augen gneiss; quartz monzonite-granodiorite; grey to pink; streaky appearance; medium-to coarse-grained; pervasive mineral lineation
Agm	Quartz monzonite-granodiorite gneiss; banded and foliated; medium-to coarse-grained; light grey to pink granitic bands alternate with darker more mafic bands
Ang	Migmatites and leucitic migmatites; chiefly massive, foliated; thin banded, fluidal or streaky granitic to granodioritic gneiss; grey to pink; fine-to medium-grained; amphibolite and metasedimentary schlieren and nebulae common; local well banded gneisses, mixed rocks and agmatite; may include some Aphanitic rocks



LAKE GILLIAN  
DISTRICT OF FRANKLIN  
NORTHWEST TERRITORIES

Scale 1:250,000 Echelle  
Miles 4 Kilometres 4 0 5 10 15 20 Miles Kilometres 0 5 10 15 20

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