

# LEGEND

## PROTEROZOIC

**A'gbm** Gabbro dykes (Mackenzie swarm); not shown on the map

**A'bl** Biotite lamprophyre dykes (not shown on the map)

**A'gf** Granite, massive to weakly cleaved, pink, equigranular toporphyritic; in part fluorite-bearing, and contains chalcopyrite and specularite on Fairway Island

## ARCHEAN AND/OR EARLY PROTEROZOIC

**A'gq** Quartz diorite to granite plutons; massive to weakly foliated centres, and well foliated migmatitic margin

**A'gm** Biotite-muscovite leucogranite, in part contains xenocrystic garnets; intrudes layered gneiss and paragneiss (units Agn and As)

**A'gb** Gabbro: massive to weakly foliated, coarse grained by pink; locally cut pegmatite dykes

**A'gp** Granite - magnetite bearing, porphyritic, mylonitized margins

## HANBURY ISLAND SHEAR ZONE (HISZ)

**A'his** Protoliths: granulite, tonolitic gneiss, paragneiss, gabbro, anorthositic, gabbro pyroxenite, and granitoids

## ARCHEAN

**Ag** Megacrystic (K-feldspar) granite; coarse grained, well foliated

**Amv** Amphibolite; minor metavolcanic rocks, and garnet-biotite schist

**As** Garnet + biotite +/- staurolite +/- kyanite +/- sillimanite +/- muscovite paragneiss; metamorphosed quartz-magnetite banded iron formation, amphibolite; contain small metagabbro intrusions, and migmatitic gneiss

**Agn** Layered to banded hornblende-biotite (grey) orthogneiss, migmatite quartz-biotite; schist includes minor proportions of metamorphosed iron formation, garnet + biotite + sillimanite paragneiss, and two-pyroxene granulite (mostly northeast of Hanbury Island); contains xenoliths of metamafic rocks (garnet amphibolite, pyroxenite), in part and rafts of magnetite-rich coronite gabbro; cut by pegmatite, in part lamprophyre and diabase dykes, and quartz syenite plugs

**Agrn** Granulite suite (granitoid to mafic composition), in part includes minor proportions of layered anorthosite and gabbro; intruded by several generations of gabbro, lamprophyre, and granite

NOTE: Relative ages of units for the most part are uncertain and no chronological order is implied.

Rock outcrop	..... x
Lithological boundary (approximate)	-----
Regional Foliation (generation unknown, 1st, 2nd)	.....
Axial Plane (F2)	.....
Intersection Lineation	.....
Mineral stretching Lineation	.....
Fold Axis (F2, F3)	.....
Fold style (U-fold, S-fold, Z-fold)	.....
Fault (approximate)	.....
Thrust fault (approximate)	.....
Minor Fault (sense unknown)	.....
Shear Zone (sense unknown, dextral, sinistral)	.....
Joint, Vein and Dyke (pegmatite)	.....
Trace of axial plane (antiform, synform)	.....
Slicken Striae	.....
Zircon age (Ga)	..... 2.61
Mineral occurrence	..... Gt