

LEGEND

MISSISSIPPIAN

MCR CAPE ROUGE FORMATION: Grey to brown sandstone and plant-bearing siltstone and shale

MCH CROUSE HARBOUR FORMATION: Brown to red conglomerate, minor sandstone

AUTOCHTHONE

ALLOCHTHONE

CRYSTALLINE BELT

AUTOCHTHONE	(EMPLACED DURING MIDDLE ORDOVICIAN)					CRYSTALLINE BELT	
	NORTHWEST ARM SLICE [Structurally overlies Goose Tickle Formation]	MAIDEN POINT SLICE ASSEMBLAGE [Structurally overlies NORTHWEST ARM SLICE and GOOSE TICKLE FORMATION]	GRANDOIS SLICE [Structurally overlies MAIDEN POINT SLICE ASSEMBLAGE]	MILAN ARM MÉLANGE [Structurally overlies MAIDEN POINT SLICE ASSEMBLAGE and GOOSE TICKLE FORMATION]	CAPE ONION SLICE [Structurally overlies MAIDEN POINT SLICE ASSEMBLAGE and GOOSE TICKLE FORMATION]	ST. ANTHONY SLICE ASSEMBLAGE [Structurally overlies MAIDEN POINT SLICE ASSEMBLAGE, CAPE ONION SLICE, GOOSE TICKLE FORMATION and MILAN ARM MÉLANGE]	DEVONIAN Dg BELL ISLAND GRANITE: Massive, medium-grained, grey to pink microcline granite
<p>MIDDLE ORDOVICIAN</p> <p>mOgt GOOSE TICKLE FORMATION: Grey, siltstone, shale, slate, and greywacke; mOgt includes pebbles to cobble conglomerates, made up of debris derived from the Northwest Arm Formation; mOgt includes marble and limestone boulders; SUPREMACY SCHIST MEMBER (mOgt) includes semi-pelitic, pelitic, and calc-silicate schist and minor marble</p> <p>mOth TABLE HEAD FORMATION: Light to dark grey, hackly-weathering limestone and dark grey shale</p> <p>OST Undivided ST. GEORGE GROUP and TABLE HEAD FORMATION</p> <p>LOWER ORDOVICIAN</p> <p>ST. GEORGE GROUP IOs IOs1 IOs2 IOs3 IOs4</p> <p>IOs UNDIVIDED: Light to dark grey and buff dolomite and limestone</p> <p>IOs1 DIVISION D: Mottled white and brown dolomite containing greater than thirty percent white sparry dolomite</p> <p>IOs2 DIVISION C: Grey, fine- to medium-grained stylonitic limestone</p> <p>IOs3 DIVISION B: Dark brown to tan, porous, coarsely crystalline dolomite</p> <p>IOs4 DIVISION A: Grey to light brown, fine-grained dolomite with grey to brown chert nodules</p> <p>LOWER AND MIDDLE CAMBRIAN and (?) UPPER CAMBRIAN</p> <p>CHB HAWKE BAY FORMATION UPPER MEMBER: Light to dark grey dolomite and interbedded grey shale</p> <p>CHB1 LOWER MEMBER: White orthoquartzite</p> <p>CFH Undivided FORTEAU and HAWKE BAY FORMATIONS</p> <p>LOWER CAMBRIAN</p> <p>ICF FORTEAU FORMATION: Red to grey nodular limestone and grey shale; (ICF) includes basal unit at Table Head and white limestone of the DEER'S COVE FORMATION; (ICF) includes upper unit on Belle Isle of white-weathering sandstone, siltstone, chert and grey fragmental limestone of the WHITE POINT FORMATION</p> <p>LOWER CAMBRIAN and (?) HADRYNIAN</p> <p>ICB BRADORE FORMATION: Red to pale pink and maroon arkosic sandstone, minor conglomerate</p> <p>HADRYNIAN and/or LOWER CAMBRIAN</p> <p>HCL LIGHTHOUSE COVE FORMATION: Black to dark green and purple to reddish brown basalt, green and purple agglomerate, breccia and tuff</p> <p>HCB BATEAU FORMATION: white quartzite, minor grey to purple shale and plutonic boulder conglomerate</p> <p>LONG RANGE SWARM: Diabase and metabasalt dykes</p>	<p>IONA NORTHWEST ARM FORMATION: Black, green and grey shale with well-bedded units of buff-weathering calcareous siltstone and limestone breccia; displays chaotic internal structure with resistant beds forming boulders and blocks within a shaly matrix</p>	<p>IOI IRISH FORMATION: Sandy limestones and green schist</p> <p>IOJ ST. JULIEN ISLAND FORMATION: Red to purple polytactic conglomerate, minor greywacke, includes local pre-tectonic gabbro</p>	<p>OMA MILAN ARM MÉLANGE: Black and green shale matrix containing a variety of rock fragments up to a mile in length; large tabular fragments etc. - (OMA) MAIDEN POINT mafic volcanic rocks (OMA) MAIDEN POINT greywacke (OMA) dolomite, (OMA) Cape Onion mafic volcanic rocks, (OMA) WHITE HILLS PERIDOTITE, (OMA) GREEN RIDGE AMPHIBOLITE, foliated gabbro, basic schist and coarse-grained pyroxenite and hornblende</p>	<p>IOCO CAPE ONION FORMATION: Dark green to black mafic pillow lava, minor agglomerate, tuff and black, pyritic, graphite-bearing shale</p>	<p>IOUB WHITE HILLS PERIDOTITE: Brown-weathering, serpenitised and foliated harzburgite, dunite and theryolite, including finely-named amphibolite-bearing rocks at its base</p> <p>ST. ANTHONY COMPLEX</p>	<p>FLEUR DE LYS SUPERGROUP HCF1 HCF2 HCF3 HCF1 Meta-greywacke, pebbly psammitic and semi-pelitic schist HCF2 Actinolite-chlorite schist HCF3 Albite-muscovite psammitic and pelitic schist with minor graphitic schist, marble and pebbly quartzite</p>	
<p>GRENVILLE OROGEN</p> <p>HELIKIAN and/or HADRYNIAN Hd Basic dykes of southeast Labrador; Metabasalt dykes</p> <p>HELIKIAN</p> <p>Megacrystic Granitic Rocks Hsm Quartz, monzonite, granodiorite, some granite</p> <p>ANORTHOSITE SUITE</p> <p>Hsm2 Hornblende-bearing intrusive granitic rocks Quartz monzonite, granite Hsd1 Granodiorite, quartz monzonite Hsm Fine-grained quartz monzonite Hsh Mangerite</p> <p>METAMORPHOSED BASIC AND ULTRAMAFIC INTRUSIVE ROCKS (units not arranged in order of intrusion)</p> <p>Hm Amphibolite Hmb Hyperthene-bearing amphibolite Hms Metatroctolite Hmb Meta-ultramafite Hms Norite, augite-bearing amphibolite Hmb Mangeronite (norite-like rock bearing substantial potash in antiperthite) Hms Anthophyllite-bearing amphibolite Hb Undivided</p> <p>HELIKIAN and/or APHEBIAN</p> <p>BASEMENT GNEISS COMPLEX (units not arranged in order of intrusion)</p> <p>AMn Leucocratic to melanocratic gneiss; some quartz-rich gneiss, pelitic gneiss and schist and amphibolite; minor calc-silicate gneiss AMnb Chiefly leucocratic (quartz-muscovite-plagioclase) gneiss, color index 0 to 5 AMnb1 Chiefly mesocratic (biotite-quartz-muscovite-plagioclase) gneiss, color index 5 to 8 AMnb2 Chiefly melanocratic (hornblende-biotite-quartz-muscovite-plagioclase) gneiss, color index 8 to 15 AMn Quartz-rich leucocratic and mesocratic gneiss, quartzite AMn1 Pelitic gneiss and schist (chiefly sillimanite-microlite-condensite-bearing rock and retrograde equivalents) AMn2 Leucocratic and mesocratic gneiss undivided</p> <p>AMd FOURCHÉ POINT SCHIST: Quartz-egg schist AMn3 felsic protomylonite</p> <p>TORRENT COVE ASSEMBLAGE AMs1 Pyroxenite AMs2 Schistose mesocratic biotite-quartz feldspar gneiss AMs3 Muscovite-chlorite-quartz-feldspar schist and quartz-rich gneiss</p>	<p>HEC1 Minor serpenitised ultramafic rocks (made up of a rock in a matrix) located in the MAIDEN POINT SLICE ASSEMBLAGE</p> <p>HEM1 MAIDEN POINT FORMATION: (HEM1a) coarse-grained troctolite, red, green, purple and black slate, quartz pebbly conglomerate, minor basaltic conglomerate; (HEM1b) post-tectonic cordierite-andalusite hornblende; (HEM1c) mafic agglomerate and tuff; medium-basaltic flows, local pillow lava (HEM1d) medium- to coarse-grained diorite and gabbro, orthopyroxene and sillite</p>	<p>HEC2 GREEN RIDGE AMPHIBOLITE: Well-foliated amphibolite and quartziferous amphibolite, minor mafic and pre-tectonic gabbro, includes pyroxene-bearing amphibolite at the WHITE HILLS PERIDOTITE contact. Gradational metamorphic contact with the Goose Cove Schist</p> <p>HEC3 GOOSE COVE SCHIST: Greenschist derived mainly from tholeiitic gabbro; mafic, amphibolite and feldspar schist; thin mafic sill and pre-tectonic gabbro sills</p> <p>HEC4 FISHER ISLANDS MEMBER: Gabbro and psammite schist. Gradational metamorphic contact with the Ireland Point Volcanics</p> <p>HEC5 IRELAND POINT VOLCANICS: Schistose to relatively undeformed purple, red and green agglomerate and mafic pillow lava</p>					

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