

A preliminary version of this map was originally published uncoloured (Nunn and van Nostrand, 1996a) and a brief description of rock types in the area was given by Nunn and van Nostrand (1996b). Unfortunately, the field notebooks of G.A.G. Nunn were lost and all his samples discarded, so the current digital database relies on the original field records of Eade (1962) and Emslie (1976) and their assistants; the field records of T. van Nostrand and R.F. Emslie collected in 1995; and data collected by C.F. Gower during brief field visits in 2007 and 2009. G.A.G. Nunn's data station locations are known, however, and have been shown on the map. A U-Pb geochronological result (Gower et al., 2008b) and Nd-Sm isotopic data (Ashwal et al., 1986; R.A. Creaser, unpublished - see digital database) are included. Localities designated as mineral occurrences are based on earlier reported observations (see Mineral Occurrence Table; current to 2009). Note that several of these are magnetic anomalies rather than ground-discovered mineralization. The present map is modified from that of Nunn and van Nostrand (1996a) on the basis of C.F. Gower's observations, particularly with respect to the interpretation of thrusts (which have yet to be confirmed), and the distribution of cordierite-bearing metasedimentary gneiss in the eastern part of the map region. Unit modification is also partly related to an integrated compilation approach applied to the whole of eastern Labrador, and border regions of the map have been revised as a result of data collected from adjacent map areas. Geological boundaries are poorly controlled, and have been extrapolated using structural observations, regional aeromagnetic data and topographic trends. Pre-1996 data station sites have been digitized from where originally located on aerial photographs or (rarely) on topographic maps, so reliability of location is likely mostly dependent on initial plotting accuracy. As is characteristic of metamorphic and plutonic terranes, individual outcrops are typically very complex, and commonly embody several different rock types. Generally, the unit polygon depicted is based on what was judged to be the dominant rock type present, but this approach was not universally followed, due to the exigencies of specific situations, such as the need to

emphasize minor rock types deemed to have high significance. All rock types recorded from any individual outcrop may be

determined by consulting the 'Unit designator' string for that locality given in the digital database. The user is alerted to the fact that, in the digital database, no attempt has been made to reconcile rock names applied to field outcrops, versus those applied to stained slabs, or petrographic thin sections. Differences may be due to subsequent, more refined identifications, but other reasons may apply, such the sample (or thin section) not being representative of its source. Unit designator and polygon labels applied are based on an awareness of such factors. REFERENCES Ashwal, L.D., Wooden, J.L. and Emslie, R.F. 1986: Sr, Nd, and Pb isotopes in Proterozoic intrusives astride the Grenville Front in Labrador: implications for crustal contamination and basement mapping. Geochimica et Cosmochimica Acta, Volume 50, pages 2571-2585. Fade K F

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Kents, P. 1980: Geological report Nalco N-1 area N 53°15' W 59°30'. Nalco Ltd. Newfoundland and Labrador Geological Survey, Assessment File 013G/06/0040. 5 pages plus additional material. Nunn, G.A.G. and van Nostrand, T. 1996a: Geology of the Kenemich River map area, Labrador. Newfoundland and Labrador Geological Survey, Open File 13G/0048 [Map 96-034].

Nunn, G.A.G. and van Nostrand, T. 1996b: Geology of the Kenemich River map area (NTS 13G/SW), Labrador. In Current Research. Newfoundland Department of Natural Resources, Geological Survey Branch, Report 96-1, pages 73-83.

MacDougall, J.F. 1953: Geological and geophysical report for Mealy Mountains area, Labrador. Newfoundland and Labrador Corporation Limited. Newfoundland and Labrador Geological Survey, Assessment File 013G/0004.

MacDougall, J.F. 1954: Exploration in the Mealy Mountains of Labrador. Newfoundland and Labrador Corporation Limited. Newfoundland and Labrador Geological Survey, Assessment File 013G/0005, 6 pages plus additional material.

KENEMICH RIVER

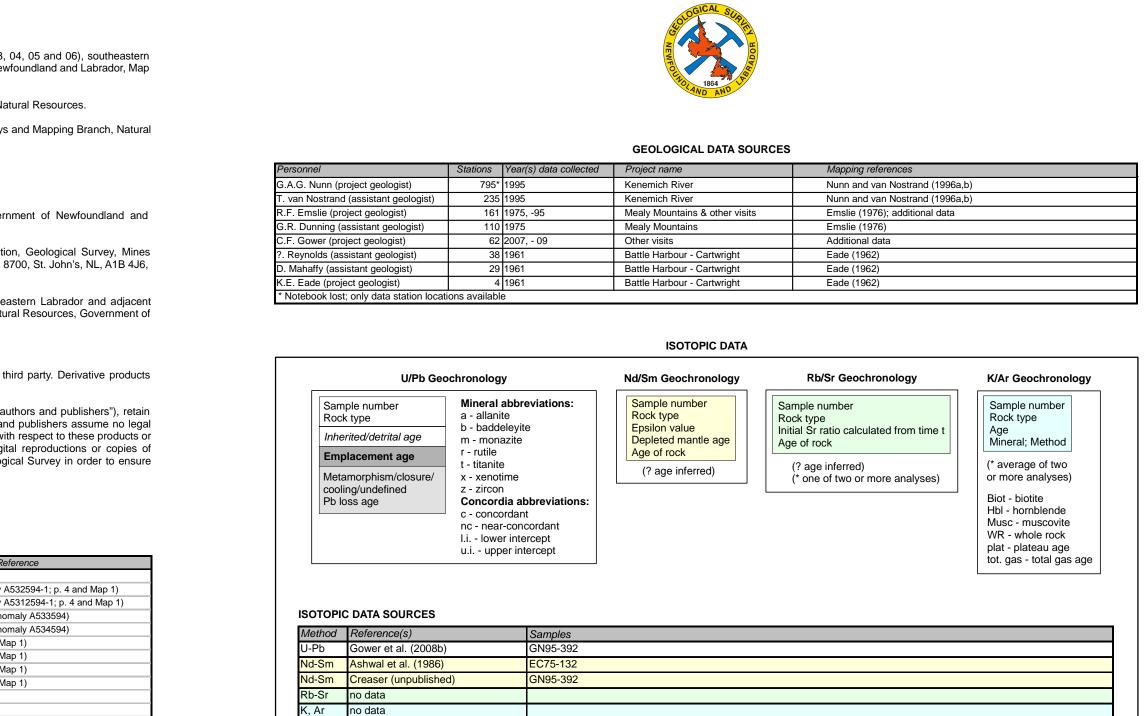
nmended citatio Gower, C.F. and Nunn, G.A.G., 2010: Geology of the Kenemich River area (NTS sheets 13G/03, 04, 05 and 06), southeastern Labrador. Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador, Map 2010-13, Open File 013G/0056. Geological cartography by T. Paltanavage, Cartographic Unit, Geological Survey, Department of Natural Resources. Digital NTS base maps (NTS 13G/03, 04, 05 and 06) used for this map are available from Surveys and Mapping Branch, Natural Resources Canada. Magnetic declination at the centre of the map at the start of 2010 was 22° 36' W. Elevations are in metres above sea level. Contour interval is 20 metres. UTM (Universal Transverse Mercator) Grid Zone 21, NAD (North American Datum) 27. Dr. C.F. Gower, Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador, P.O. Box 8700, St. John's, NL, A1B 4J6, Canada. Email: cgower@gov.nl.ca. Copies of this map may be obtained from the Geoscience Publications and Information Section, Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador, P.O. Box 8700, St. John's, NL, A1B 4J6, Canada. Email: pub@gov.nl.ca.

NOTE: Map 2010-13 is one of twenty-five maps on the geology of the Grenville Province in eastern Labrador and adjacent eastern Makkovik Province produced by the Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador. Mines Branch website: http://www.nr.gov.nl.ca/nr/mines/index.html. NOTE: The purchaser agrees not to provide a digital reproduction or copy of this product to a third party. Derivative products should acknowledge the source of the data.

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MINERAL OCCURRENCE DATA SOURCES							
Inventory No.	Map label	Status	Easting	Northing	Reference		
013G/03/Mo 001	Mo (?)	Indication	337188	5902643	Hegler (1979)		
013G/04/Fe 001	Mgt	Showing	308000	5901000	MacDougall (1953; Anomaly A532594-1; p. 4 and Map		
013G/04/Fe 002	Mgt	Showing	316181	5886306	MacDougall (1953; Anomaly A5312594-1; p. 4 and Ma		
013G/05/Fe 001	Mgt	Showing	324535	5909217	MacDougall (1953, 1954; Anomaly A533594)		
013G/05/Fe 002	Mgt	Showing	317830	5919141	MacDougall (1953, 1954; Anomaly A534594)		
013G/05/Fe 003	Mgt	Indication	332400	5920700	MacDougall (1953, p.4 and Map 1)		
013G/05/Fe 004	Mgt	Showing	330200	5924500	MacDougall (1953, p.3 and Map 1)		
013G/05/Fe 005	Mgt	Indication	330200	5925200	MacDougall (1953, p.3 and Map 1)		
013G/05/Fe 006	Mgt	Indication	331200	5926000	MacDougall (1953, p.3 and Map 1)		
013G/05/Fe 007	Mgt	Prospect	333500	5927000	MacDougall (1953, 1954)		
013G/05/Fe 008	Mgt	Prospect	333900	5929400	MacDougall (1953, 1954)		
013G/06/Cu 001	Cu, Pyr	Indication	356050	5921960	Jones (1997)		
013G/06/Fe 001	Mgt	Prospect	334500	5929800	MacDougall (1953, 1954)		
013G/06/Mo 001	Mo	Indication	338292	5905423	Kents (1980: NALCO N-1)		





Amz Amazonite Gold Au Biotite Clay Chromium Copper Iron Feldspar Fluorite Garnet Ilmenite Limestone Mgt Magnetite Molybdenite Muscovite Ms Nepheline Nickel Lead Paladium Pd Pvrrhotite Platinum Pyrite Sapphire Sapl Silica Dimension stone Thorium Tourmaline Topaz Tpz Uranium Vanadium Zinc Zirconium Occurrence reported (?) but validity suspect

MINERAL OCCURRENCE

ABBREVIATIONS

NOTE: All mineral occurrence and structural symbols do not appear on each map. Vertical structures use 90° dip value. * Generation of structure only applicable at observation site.

SYMBOLS Geological contact ____ Normal fault ____ Strike-slip fault Thrust fault Normal fault reactivating thrust _**__** Fold axial plane (1st, 2nd, 3rd generation)* ···· ···· S-fold axis (1st generation) ····· ∠ + ∠ Z-fold axis (1st generation) z+→ Dyke (affinity unspecified) ······ Fault (sense of movement unknown, dextral, sinistral, normal) الما المنا المناط Joint ······ Linear fabric (1st, 2nd, 3rd generation)*..... Fold axis (1st, 2nd, 3rd generation)* $\cdots \cdots \cdots \cdots \cdots \longrightarrow \longrightarrow \longrightarrow \longrightarrow$ Slickenside ····· Geological data station.....× Geological data station (no fabric measured) * Bedding (tops known, unknown) ······ Enclave Foliation (1st, 2nd, 3rd generation)* Gneissosity (1st, 2nd generation)* ····· Igneous layering (tops known, unknown) Vein ------ === Shear zone (sense of movement unknown, dextral, sinistral, reverse) Mineral occurrence Geochronology location

Scale 1:100 000

Kilometres

6

4

DEVONIAN (?) Dd Sandwich Bay and Battle Harbour dykes EARLY CAMBRIAN CFOI Forteau Formation Bradore Formation (subdivided into L'Anse-au-Clair, Crow Head and Blanc-Sablon members) NEOPROTEROZOIC – EARLY CAMBRIAN NCLc Lighthouse Cove Formation NCBa Bateau Formation NEOPROTEROZOIC NDm NGi NSb NDm Double Mer Formation NGi Gilbert arkose NSb Sandwich Bay conglomerate Nc 🗡 Nd 🗡 Nq Nc Clastic dykes Nd Long Range dykes Nq Quartz veins LATE MESOPROTEROZOIC (M₃ 1200 – 900 Ma) LATE POST-GRENVILLIAN INTRUSIONS (M_{3D} ca. 975 – 955 M e.g., Chateau Pond granite M_{3D}gp M_{3D}gr M_{3D}ln M_{3D}mn M_{3D}mq M_{3D}mz M_{3D}yq M_{3D}d M_{3D}gp Massive to weakly foliated megacrystic/porphyritic grani M_{3D}gr Massive to weakly foliated granite to alkali-feldspar gran M_{3D}In Massive to weakly foliated leucogabbro to leuconorite M_{3D}mn Massive to weakly foliated monzogabbro and monzono M_{3D}mq Massive to weakly foliated quartz monzonite; mantled fe M_{3D}mz Massive to weakly foliated monzonite to monzodiorite M_{3D}yq Massive to weakly foliated syenite, quartz syenite and a M_{3D}d Unnamed mafic dykes EARLY POST-GRENVILLIAN INTRUSIONS (M_{3C} ca. 985 – 975 e.g., Beaver Brook and Picton Pond plutons M_{3c}gr M_{3c}ln M_{3c}mn M_{3c}mq M_{3c}rg M_{3c}yq M_{3c}d \searrow M_{3C}gr Weakly to moderately foliated granite to alkali-feldspar M_{3C}In Weakly to moderately foliated leucogabbro to leuconorit M_{3C}mn Weakly to moderately foliated monzogabbro to monzono M_{3C}mq Weakly to moderately foliated monzonite to quartz monz M_{3C}rg Weakly to moderately foliated gabbro, norite and troctol M_{3C}yq Weakly to moderately foliated syenite, quartz syenite ar M_{3C}d L'Anse-au-Diable, York Point, Gilbert Bay mafic dykes SYN-GRENVILLIAN INTRUSIONS (M_{3B} ca. 1085 – 985 Ma) M_{3B}gd M_{3B}go M_{3B}gr M_{3B}yn M_{3B}d M_{3B}gd Moderately to strongly foliated granodiorite to quartz dic M_{3B}gp Moderately to strongly foliated megacrystic/porphyritic g M_{3B}gr Moderately to strongly foliated granite to alkali-feldspar g M_{3B}yn Moderately to strongly foliated aegerine- or nepheline-b M_{3B}d Unnamed mafic dykes (Makkovik Province and adjacen PRE-GRENVILLIAN INTRUSIONS (M_{3A} ca. 1200 – 1085 e.g., Gilbert Bay pluton M_{3A}gr M_{3A}mn M_{3A}gr Weakly to strongly foliated granite M_{3A}mn Weakly to strongly foliated monzonite to monzonorite MIDDLE MESOPROTEROZOIC (M₂ 1350 – 1200 Ma) e.g., Upper North River intrusion M₂gr M₂rg M₂yq M₂d M₂gr Weakly to strongly foliated granite and alkali-feldspar gr M₂rg Weakly to strongly foliated gabbronorite (in database onl M₂yq Weakly to strongly foliated syenite, quartz syenite and al M₂d Mealy dykes EARLY MESOPROTEROZOIC (M₁ 1600 – 1350 Ma) e.g., Upper Paradise River, Kyfanan Lake and 13B/12 i $M_1an \quad M_1am \quad M_1dr \quad M_1gp \quad M_1gr \quad M_1ln \quad M_1mn \quad M_1mq$ M1an Massive or weakly foliated anorthosite to leucogabbrone M₁am Weakly to markedly foliated amphibolite, plus leucocratic granulite facies equivalents M1dr Massive, weakly or strongly foliated diorite to amphibolite of monzodiorite or leucogabbronorite M₁gp Moderately to strongly foliated megacrystic/porphyritic g M₁gr Massive, weakly or strongly foliated granite to quartz mo M₁In Massive, weakly or strongly foliated leucogabbronorite a grading into gabbronorite, locally coronitic M₁mn Moderately to strongly foliated monzonorite M₁mq Moderately to strongly foliated monzonite to quartz monz M₁mz Moderately to strongly foliated monzonite to monzodiorite M₁rg Massive to strongly foliated gabbro, norite and troctolite, and locally coronitic; includes recrystallized derivatives re M₁um Massive, weakly or strongly foliated ultramafic rocks, co cumulate textures M₁yq Moderately to strongly foliated syenite and quartz syenit M₁d Mafic dykes; includes Michael Gabbro LATE PALEOPROTEROZOIC AND EARLY MESOPROT (Ages generally unknown, but ca. 1650 Ma and 1500 -RECRYSTALLIZED IGNEOUS ROCKS PMdr PMgd PMgp PMgr PMln PMmd PMmq PMrg PMdr Medium-grained, equigranular, recrystallized weakly to and to leucoamphibolite PMgd Weakly to strongly foliated granite to granodiorite PMgp Megacrystic/porphyritic recrystallized granite to quartz r PMgr Medium- to coarse-grained, recrystallized weakly to stro granite PMIn Medium- to coarse-grained, recrystallized leuconorite, le PMmd Medium- to coarse-grained, recrystallized, weakly to str PMmq Medium- to coarse-grained, recrystallized, weakly to str PMrg Medium- to coarse-grained, gabbro, norite and troctolite PMtn Medium- to coarse-grained, recrystallized, weakly to str PMyq Medium- to coarse-grained, recrystallized, weakly to stro syenite and quartz syenite PMam Amphibolite; generally thought to be derived from mafic of SUPRACRUSTAL ROCKS PROVISIONALLY ASSIGNED AS PI PMsc PMsp PMsq PMss PMsx PMvf PMvm Sedimentary protolith PMsc Calc-silicate rocks, compositionally layered, medium gra PMsp Pelitic schist and gneiss PMsq Quartzite, meta-arkose, thin to thick bedded PMss Quartz-feldspar psammitic schist and gneiss; medium g PMsx Coarse-grained to pegmatitic-granitic material (diatexite) psammitic gneiss and quartzite Volcanic protolith PMvf Fine- to medium-grained, banded quartzofeldspathic rocks; locally having lensoid shapes, possibly indicating felsic volcaniclastic protolith PMvm Fine- to medium-grained, banded amphibolite containing quartz-feldspar layers and calc-silicate pods; interpreted as mafic volcanic rocks

AGE GENERALLY POORLY CONSTRAINED

	β	δ					
	β	Brittle deformation; cataclastic rocks, pseudotacholite					
	δ	Ductile deformation; mylonite, straight gneiss					
AGE GENERALLY POORLY CONSTRAINED							
	f	k	р	q]		
	f	Aplite, microgranite (felsite)					
	k	Carbonate vein					
	р	Pegmatite					
	q	Quartz vein					

MAP 2010-13 OPEN FILE 013G/0056 **GEOLOGY OF THE KENEMICH RIVER AREA** (NTS SHEETS 13G/03, 04, 05 & 06) SOUTHEASTERN LABRADOR

LEGEND

	LATE L	PALEOPROTEROZOIC (P ₃ 1800 – 1600 Ma) ABRADORIAN GRANITOID INTRUSIONS (P _{3C} 1660 – 1600 Ma) radise Arm intrusion and Hawke Bay intrusive suite
	P _{3C} dr	Pacga Pacgd Pacgr Pacgr Pacmn Pacmq Pacmz Pacyq Pacd
	P _{3C} dr P _{3C} ga	Diorite, quartz diorite and tonalite; locally grading into leucogabbronorite Alkali-feldspar granite, granite and quartz syenite forming discrete plutons
	P _{3C} gd	Granite to granodiorite forming discrete unmigmatized plutons
	P _{3C} gp	Megacrystic/porphyritic granite to granodiorite
	P _{3C} gr	Granite and minor alkali-feldspar granite
	P _{3C} mn P _{3C} mq	Monzonorite and monzogabbro Quartz monzonite, including rare quartz syenite
	P _{3C} mz	Monzonite, including minor syenite
	P _{3C} yq	Syenite to quartz syenite forming discrete plutons
	$P_{3C}d$	Unnamed mafic dykes
		ABRADORIAN ANORTHOSITIC AND MAFIC INTRUSIONS (P _{3C} 1660 – 1600 Ma) ite Bear Arm complex and Sand Hill Big Pond intrusion
	P _{3C} ag:	P _{3C} am P _{3C} rg P _{3C} In P _{3C} It P _{3C} um
	P₃cag	Weakly to markedly foliated mafic granulite, plus leucocratic and melanocratic variants
Ma)	P _{3C} am P _{3C} an	Weakly to markedly foliated amphibolite, plus leucocratic and melanocratic variants Massive to strongly foliated anorthosite and leucogabbronorite
	P _{3C} rg	Massive to strongly foliated gabbro and norite, commonly layered; subophitic and locally
nite to quartz monzonite	P₃cln	coronitic Primary textured to recrystallized leucogabbronorite and leucogabbro; coronitic locally
anite	P _{3C} lt	Primary textured to recrystallized leucotroctolite
prite	$P_{3C}um$	Massive, weakly or strongly foliated ultramafic rocks, commonly layered and locally showing cumulate textures
feldspar textures		LABRADORIAN MAFIC AND ASSOCIATED ROCKS (P₃B 1710 – 1660 Ma) exis River anorthosite (assigned here although age is uncertain)
	P _{3B} ag	$P_{3B}an P_{3B}ln P_{3B}m P_{3B}rg P_{3B}um$
alkali-feldspar quartz syenite	P _{3B} ag	Weakly foliated to gneissic amphibolite and mafic granulite, plus leucocratic and melanocratic variants
	P _{3B} an	Weakly foliated to gneissic anorthosite and leucogabbronorite
i Ma)	P _{3B} In	Weakly foliated to gneissic leucogabbronorite and leucogabbro; coronitic locally
	Р _{зв} mn Р _{зв} rg	Weakly foliated to gneissic monzonorite and monzogabbro Weakly foliated to gneissic gabbro and norite
granite	P _{3B} um	Massive, weakly or strongly foliated ultramafic rocks, commonly layered and locally
norite	FARIY	showing cumulate textures LABRADORIAN GRANITOID AND ASSOCIATED ROCKS (ca. 1678 and 1671 Ma)
nzonite	e.g., Ne	veisik Island and Red Island events
blite	P _{3B} dr P _{3B} dr	P _{3B} gd P _{3B} gp P _{3B} gr P _{3B} mq P _{3B} mz P _{3B} ya P _{3B} am Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss;
and alkali-feldspar syenite	1 3801	in part derived from leucogabbronorite
	Р _{зв} gd Р _{зв} gp	Foliated to gneissic granodiorite and compositionally equivalent well-banded gneiss Foliated to gneissic megacrystic/porphyritic granitoid rocks, augen gneiss
	г _{зв} ур Р _{зв} gr	Foliated to gneissic granite and alkali-feldspar granite, and compositionally equivalent well-
iorite		banded gneiss
granodiorite to quartz diorite	P _{3B} mq	Foliated to gneissic quartz monzonite, grading into diorite or syenite, and compositionally equivalent well-banded gneiss
r granite	P _{3B} mz	Foliated to gneissic monzonite and monzodiorite, and compositionally equivalent well-banded gneiss
bearing syenite	P _{3B} ya	Foliated to gneissic syenite, alkali-feldspar syenite and alkali-feldspar granite, and compositionally equivalent well-banded gneiss
nt Grenville Province)	_	
5 Ma)	P _{3B} am	Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
	PRE-LA	BRADORIAN GRANITOID ROCKS (P _{3A} 1800 – 1710 Ma) P _{3A} dr P _{3A} gg P _{3A} gr P _{3A} ln P _{3A} am
	P _{3A} ag	Mafic granulite skialiths, lenses and layers
	P _{3A} dr	Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss
	P _{3A} gd	Foliated to gneissic granodiorite and compositionally equivalent well-banded gneiss
	P _{3A} gp P _{3A} gr	Foliated to gneissic megacrystic/porphyritic granitoid rocks, augen gneiss Foliated to gneissic granite and alkali-feldspar granite, and compositionally equivalent well-
granite		banded gneiss
only - Lourdes-de-Blanc-Sablon intrusion,	P _{3A} In	Foliated to gneissic leucogabbronorite, and compositionally equivalent well-banded gneiss
alkali-feldspar syenite	P _{3A} am	Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
	PRE-LA (Age un	BRADORIAN SUPRACRUSTAL ROCKS (P _{3A} 1800 – 1710 Ma) certain; certainly pre-1670 Ma, probably 1800 – 1770 Ma)
intrusions, and Michael Gabbro	P _{3A} sc	P _{3A} sp P _{3A} ss P _{3A} ss P _{3A} vf P _{3A} vm
M_1mz M_1rg M_1um M_1yq M_1d	P _{3A} sc	ntary protolith Calc-silicate rocks, compositionally layered, medium grained
norite, indistinctly layered in places	P _{3A} sp	Fine- to medium-grained pelitic schist and gneiss
tic and melanocratic variants;	P _{3A} sq	Quartzite, meta-arkose, thin to thick bedded
lite, may be metamorphic derivative	P _{3A} ss	Quartz-feldspar psammitic schist and gneiss; medium grained and commonly rusty-weathering
granitoid rocks	P _{3A} sx Volcanio	Metasedimentary diatexite; coarse grained to pegmatitic and characteristically white-weathering
nonzonite	P _{3A} vf	Fine- to medium-grained, banded quartzofeldspathic rocks; locally have lensoid shapes, possibly indicating felsic volcanoclastic protolith
and anorthositic gabbro, locally	P _{3A} vm	Fine- to medium-grained, banded amphibolite containing quartz-feldspar layers and calc-silicate
		pods; interpreted as mafic volcanic rocks LEOPROTEROZOIC (P ₂ 2100 – 1800 Ma)
nzonite	LATE M	ID PALEOPROTEROZOIC (P ₂ c 1900 – 1800 Ma) id and related intrusive rocks
rite		P _{2c} ga P _{2c} gd P _{2c} gp P _{2c} gr P _{2c} mq P _{2c} mz P _{2c} ya P _{2c} yq
e, commonly layered; subophitic retaining igneous textures	P _{2C} dr	Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss
commonly layered and locally showing	P _{2C} ga	Alkali-feldspar granite, granite and quartz syenite
ite	P₂cgd P₂cgp	Foliated to gneissic granodiorite and compositionally equivalent well-banded gneiss Foliated to gneissic megacrystic/porphyritic granitoid rocks, augen gneiss
	P _{2C} gp	Foliated to gneissic granite and alkali-feldspar granite, and compositionally equivalent well-banded
FEROZOIC (PM 1800 – 1350 Ma)	P _{2C} mq	gneiss Foliated to gneissic quartz monzonite, grading into diorite or syenite, and compositionally
- 1470 Ma rocks identified)	F 2CITIQ	equivalent well-banded gneiss
PMtn PMyq PMam	P _{2C} mz	Foliated to gneissic monzonite to monzodiorite, and compositionally equivalent well-banded gneiss Foliated to gneissic syenite to alkali-feldspar syenite, and compositionally equivalent well-banded
strongly foliated diorite, quartz diorite	P _{2C} ya	gneiss
	P _{2C} yq	Syenite to quartz syenite
monzonite	Mafic ar P _{2C} am	nd associated intrusive rocks
rongly foliated granite and alkali-feldspar	P _{2C} am	Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
leucogabbro	P _{2C} rg	Massive to strongly foliated gabbro and norite, commonly layered; subophitic and locally coronitic
trongly foliated, monzodiorite to monzonite	_	
trongly foliated quartz monzonite te	P _{2C} d Sedimer	Unnamed mafic dykes
trongly foliated tonalite to granodiorite	P _{2C} sc	$P_{2C}so P_{2C}sp P_{2C}sq P_{2C}ss$
trongly foliated syenite, alkali-feldspar	P _{2C} sc	Calc-silicate rocks, compositionally layered, medium grained
	P _{2C} so	Conglomerate and agglomerate, partially of volcanic origin
c dykes	P _{2C} sp P _{2C} sg	Fine- to medium-grained pelitic schist and gneiss
ITTS HARBOUR GROUP	P₂ _C sq P₂ _C ss	Quartzite, meta-arkose, thin to thick bedded Quartz-feldspar psammitic schist and gneiss; medium grained and commonly rusty-weathering
		c protolith
rained	P _{2C} vb	P _{2C} vf P _{2C} vi P _{2C} vm P _{2C} vp
	P _{2C} vb P _{2C} vf	Volcanic breccia, angular clasts, grading into agglomerate Fine- to medium-grained, banded guartzofeldspathic rocks; locally have lensoid shapes, possibly
grained	P _{2C} vf	indicating felsic volcanoclastic protolith
e), characteristically associated with	P _{2C} vi P _{2C} vm	Intermediate volcanic rocks Fine- to medium-grained, banded amphibolite containing guartz-feldspar layers and calc-silicate
		pods; interpreted as mafic volcanic rocks
ocks; locally having lensoid shapes,	P _{2C} vp	Felsic volcanic porphyry interpreted to be hypabyssal

NOTES

1. Legend is common to all maps (Map 2010-01 to Map 2010-25), but all units do not appear on every map.

2. Uncoloured units do not appear as polygons on maps,

but are in unit-designator strings in database.

3. Some mafic dykes also shown as polygons (especially where orientation is unknown).