

A preliminary coloured version of this map appeared page-size, together with a report based on data collected during the 1997 field season (Gower, 1998), but additional data were collected in subsequent visits, especially during mapping by C.F. Gower in 2007 and 2008 along Highway 510. The present map also incorporates field data collected by Eade (1962), making use of original field notes recorded by K.E. Eade and assistants. The map is augmented by follow-up examination of stained slabs, petrographic thin sections, and whole-rock geochemical analyses. U-Pb geochronological results (Gower et al., 2008b), and Nd-Sm isotopic data (R.A. Creaser, unpublished - see digital database) are also shown. Localities designated as mineral occurrences are based on observations made during the 1997 field season (see Mineral Occurrence Table; current to 2009). Since the preliminary report, there has been minor re-interpretation and redefinition of geological boundaries and units, mostly resulting from additional data obtained during road construction. Other changes result from a compilation approach applied to the whole of eastern Labrador, and from integration with data from adjacent map areas. Data station locations are based on GPSsupported readings. Geological boundaries are poorly controlled, being positioned from outcrop data and extrapolated using structural observations, regional aeromagnetic data and topographic trends 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 material. Unit designator and polygon labels applied are based on an awareness of such factors.

REFERENCES Eade, K.E.

1962: Geology, Battle Harbour - Cartwright, coast of Labrador, Newfoundland. Geological Survey of Canada, Map 22-1962. Gower. C.F. 1998: Geology of the upper Eagle River map region, Grenville Province, southeast Labrador. In Current Research. Newfoundland Department of Mines and Energy, Geological Survey Branch, Report 98-1, pages 125-141.

Gower, C.F., Kamo, S. and Krogh, T.E. 2008a: Indentor tectonism in the eastern Grenville Province. Precambrian Research, Volume 167, pages 201-212.

Gower, C.F., Kamo, S., Kwok, K. and Krogh, T.E. 2008b: Proterozoic southward accretion and Grenvillian orogenesis in the interior Grenville Province in eastern Labrador; evidence from U-Pb geochronological investigations. Precambrian Research, Volume 165, pages 61-95.

EAGLE RIVER

Recommended citation

Gower, C.F., 2010: Geology of the Eagle River area (NTS sheets 13B/09, 10, 15 and 16), southeastern Labrador. Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador, Map 2010-18, Open File 013B/0028. Geological cartography by T. Paltanavage, Cartographic Unit, Department of Natural Resources. Digital NTS base maps (NTS 13B/09, 10, 15 and 16) 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° 21' 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.

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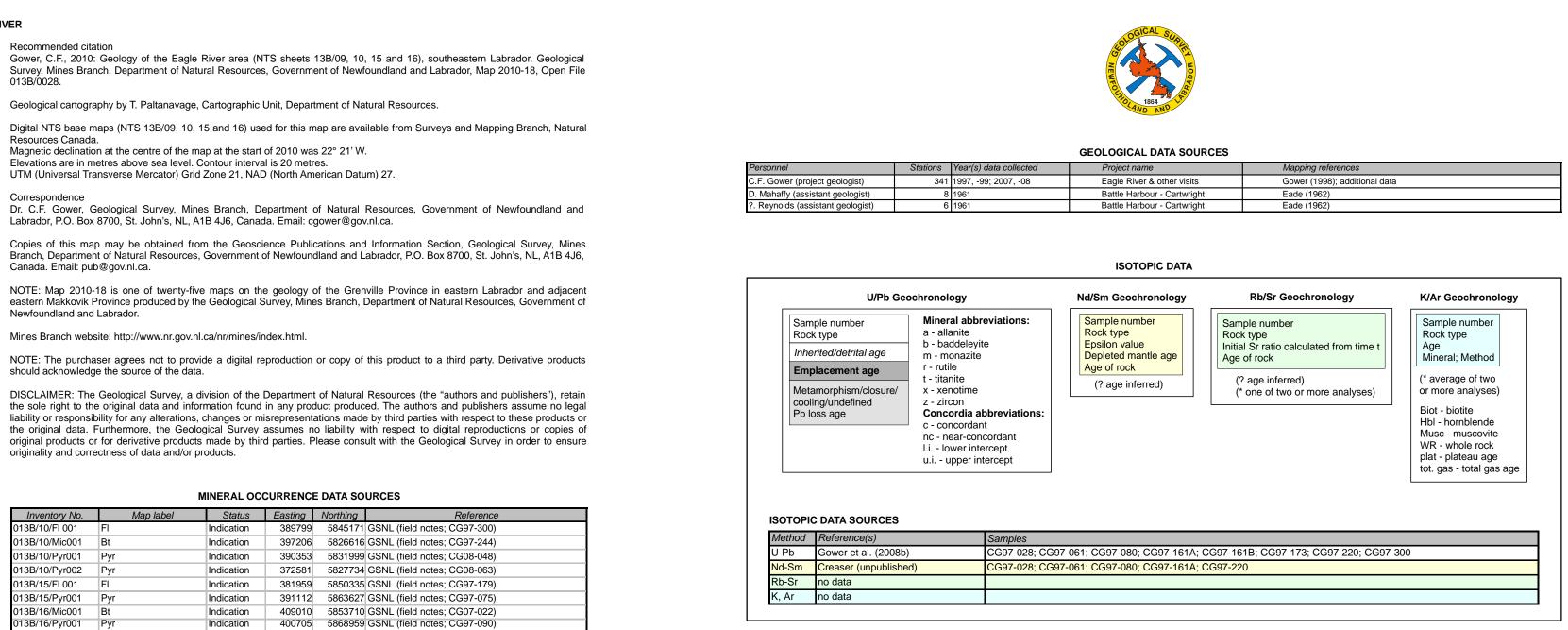
NOTE: Map 2010-18 is one of twenty-five maps on the geology of the Grenville Province in eastern Labrador and adjacent eastern Makkovik Province produced by the Geological Survey, Mines Branch, Department of Natural Resources, Government of Newfoundland and Labrador. Mines Branch website: http://www.nr.gov.nl.ca/nr/mines/index.html.

should acknowledge the source of the data. DISCLAIMER: The Geological Survey, a division of the Department of Natural Resources (the "authors and publishers"), retain the sole right to the original data and information found in any product produced. The authors and publishers assume no legal liability or responsibility for any alterations, changes or misrepresentations made by third parties with respect to these products or the since data. The distribution of the product of the distribution of the distributication of the di

originality and correctness of data and/or products.

	MINERAL OCCURRENCE DATA SOURCES						
Inventory No.	Map label	Status	Easting	Northing			
013B/10/FI 001	FI	Indication	389799	5845171	GSNL (field notes;		
013B/10/Mic001	Bt	Indication	397206	5826616	GSNL (field notes;		
013B/10/Pyr001	Pyr	Indication	390353	5831999	GSNL (field notes;		
013B/10/Pyr002	Pyr	Indication	372581	5827734	GSNL (field notes;		
013B/15/FI 001	FI	Indication	381959	5850335	GSNL (field notes;		
013B/15/Pyr001	Pyr	Indication	391112	5863627	GSNL (field notes;		
013B/16/Mic001	Bt	Indication	409010	5853710	GSNL (field notes;		
013B/16/Pyr001	Pyr	Indication	400705	5868959	GSNL (field notes;		





MINERAL OCCURRENCE ABBREVIATIONS Amz Amazonite Gold Au Biotite Clay Chromium Copper Iron Feldspar Fluorite Garnet Ilmenite Fel Gnt llm Limestone Magnetite Molybdenite Lst Mgt Muscovite Ms Neph Nepheline Nickel Lead Paladium Pyrrhotite Pd Platinum Pt Pyrite Sapphire Pyr Saph Silica Stn Dimension stone Thorium Tourm Tourmaline Topaz Uranium Vanadium Zinc Zirconium Occurrence reported but validity suspect

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.

Geological contact ____ Normal fault ____ Strike-slip fault \sim \sim \sim \sim \sim \sim Thrust fault Normal fault reactivating thrust _____ Fold axial plane (1st, 2nd, 3rd generation)* S-fold axis (1st generation) ······ 5+ > Z-fold axis (1st generation) Dyke (affinity unspecified) ____ Fault (sense of movement unknown, dextral, sinistral, normal) المنا المنا المناه المناه المناه Joint -----Linear fabric (1st, 2nd, 3rd generation)* ····· Fold axis (1st, 2nd, 3rd generation)*..... 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

4 6

Kilometres

8

SYMBOLS

	Sandwich Bay and Battle Harbou
EARLY	CAMBRIAN Forteau Formation
CBr	Bradore Formation (subdivided in Crow Head and Blanc-Sablon me
	OTEROZOIC – EARLY CAME Lighthouse Cove Formation
NCLc NCBa	Bateau Formation
NEOPR	OTEROZOIC
NDm	Double Mer Formation
NGi NSb	Gilbert arkose Sandwich Bay conglomerate
Nc	Nd 🗡 Nq
Nc Nd	Clastic dykes Long Range dykes
Nq LATE M	Quartz veins
LATE PC	IESOPROTEROZOIC (M₃ 120 DST-GRENVILLIAN INTRUSIONS ateau Pond granite
M _{3D} gp M _{3D} gp	M _{3D} gr M _{3D} ln M _{3D} mn M _{3D} mq M Massive to weakly foliated mega
M _{3D} gp	Massive to weakly foliated granite
M _{3D} In M _{3D} mn	Massive to weakly foliated leucog Massive to weakly foliated monzo
M _{3D} mq	Massive to weakly foliated quartz
M _{3D} mz M _{3D} yq	Massive to weakly foliated monzo Massive to weakly foliated syenite
M _{3D} d	Unnamed mafic dykes
	POST-GRENVILLIAN INTRUSION
M _{3C} gr	M _{3C} In M _{3C} mn M _{3C} mq M _{3C} rg M
M _{3C} gr M _{3C} In	Weakly to moderately foliated gra Weakly to moderately foliated leu
M _{3C} mn	Weakly to moderately foliated mo
M _{3C} mq M _{3C} rg	Weakly to moderately foliated mo
M _{3C} yq	Weakly to moderately foliated sys
M _{3C} d	L'Anse-au-Diable, York Point, Gill
SYN-GR M _{3B} gd	ENVILLIAN INTRUSIONS (M _{3B} ca M _{3B} gp M _{3B} gr M _{3B} yn M _{3B} d
M _{3B} gd	Moderately to strongly foliated gra Moderately to strongly foliated me
M _{3B} gp M _{3B} gr	Moderately to strongly foliated gr
M _{3B} yn	Moderately to strongly foliated ae
M _{3B} d	Unnamed mafic dykes (Makkovik
	RENVILLIAN INTRUSIONS (M Ibert Bay pluton
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M _{3A} gr M _{3A} mn	Weakly to strongly foliated granite Weakly to strongly foliated monzo
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M _{3A} gr M _{3A} mn MIDDLE	Weakly to strongly foliated granite Weakly to strongly foliated monzo EMESOPROTEROZOIC (M ₂ 1 oper North River intrusion M ₂ rg M ₂ yq M ₂ d
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M _{3A} gr M _{3A} mn MIDDLE e.g., Up M ₂ gr M ₂ rg M ₂ rg M ₂ yq M ₂ yq	Weakly to strongly foliated granite Weakly to strongly foliated monze EMESOPROTEROZOIC (M ₂ 1 Deer North River intrusion M ₂ rg M ₂ yq M ₂ d Weakly to strongly foliated granite Weakly to strongly foliated gabbr Quebec) Weakly to strongly foliated syenit Mealy dykes
M _{3A} gr M _{3A} mn MIDDLE e.g., Up M ₂ gr M ₂ rg M ₂ rg M ₂ yq M ₂ d EARLY e.g., Up	Weakly to strongly foliated granite Weakly to strongly foliated monze EMESOPROTEROZOIC (M ₂ 1 oper North River intrusion M ₂ rg M ₂ yq M ₂ d Weakly to strongly foliated granite Weakly to strongly foliated gabbr Quebec) Weakly to strongly foliated syenit Mealy dykes MESOPROTEROZOIC (M ₁ 16 oper Paradise River, Kyfanan
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AGE GENERALLY POORLY CONSTRAINED					
β	δ]			
β	Brittle	deforma	tion; cat	aclastic rocks, ps	
δ	Ductile deformation; mylonite, straight g				
AGE GENERALLY POORLY CONSTRAINED					
f	k	р	q		
		•	ч		
f	Aplite,	microgr		lsite)	
f k	•		anite (fe	lsite)	
-	•	microgr nate vei	anite (fe	lsite)	
k	Carbo	microgr nate vei atite	anite (fe	lsite)	

MAP 2010-18 OPEN FILE 013B/0028 **GEOLOGY OF THE EAGLE RIVER AREA** (NTS SHEETS 13B/09, 10, 15 & 16) SOUTHEASTERN LABRADOR

LEGEND

pur dykes	LATE L e.g., Pa	PALEOPROTEROZOIC (P ₃ 1800 – 1600 Ma) ABRADORIAN GRANITOID INTRUSIONS (P _{3C} 1660 – 1600 Ma) aradise Arm intrusion and Hawke Bay intrusive suite
	P _{3C} dr P _{3C} dr	P3cga P3cgd P3cgr P3cmn P3cmq P3cmz P3cyq P3cd Diorite, quartz diorite and tonalite; locally grading into leucogabbronorite
into L'Anse-au-Clair, nembers)	P _{3C} ga	Alkali-feldspar granite, granite and quartz syenite forming discrete plutons
IBRIAN	P _{3C} gd P _{3C} gp	Granite to granodiorite forming discrete unmigmatized plutons Megacrystic/porphyritic granite to granodiorite
	P _{3C} gr	Granite and minor alkali-feldspar granite
	P _{3C} mn	Monzonorite and monzogabbro
	P _{3C} mq P _{3C} mz	Quartz monzonite, including rare quartz syenite 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) hite Bear Arm complex and Sand Hill Big Pond intrusion
	P _{3C} ag	P _{3C} am P _{3C} an P _{3C} rg P _{3C} ln P _{3C} lt P _{3C} um
00 000 Ma)	P _{3C} ag P _{3C} am	Weakly to markedly foliated mafic granulite, plus leucocratic and melanocratic variants Weakly to markedly foliated amphibolite, plus leucocratic and melanocratic variants
00 – 900 Ma) IS (M₃ _D ca. 975 – 955 Ma)	P _{3C} an	Massive to strongly foliated anorthosite and leucogabbronorite
M _{3D} mz M _{3D} yq M _{3D} d	P _{3C} rg	Massive to strongly foliated gabbro and norite, commonly layered; subophitic and locally coronitic
acrystic/porphyritic granite to quartz monzonite	P_{3C} In	Primary textured to recrystallized leucogabbronorite and leucogabbro; coronitic locally
ite to alkali-feldspar granite ogabbro to leuconorite	P _{3C} lt P _{3C} um	Primary textured to recrystallized leucotroctolite Massive, weakly or strongly foliated ultramafic rocks, commonly layered and locally showing
zogabbro and monzonorite		cumulate textures
tz monzonite; mantled feldspar textures		LABRADORIAN MAFIC AND ASSOCIATED ROCKS (P _{3B} 1710 – 1660 Ma) exis River anorthosite (assigned here although age is uncertain)
zonite to monzodiorite ite, quartz syenite and alkali-feldspar quartz syenite	P _{3B} ag P _{3B} ag	$P_{3B}an$ $P_{3B}ln$ $P_{3B}mn$ $P_{3B}rg$ $P_{3B}um$ Weakly foliated to gneissic amphibolite and mafic granulite, plus leucocratic and
	_	melanocratic variants
NS (M₃c ca. 985 – 975 Ma)	P _{3B} an P _{3B} In	Weakly foliated to gneissic anorthosite and leucogabbronorite Weakly foliated to gneissic leucogabbronorite and leucogabbro; coronitic locally
M _{3C} yq M _{3C} d	P _{3B} mn	Weakly foliated to gneissic monzonorite and monzogabbro
ranite to alkali-feldspar granite	P _{3B} rg	Weakly foliated to gneissic gabbro and norite
eucogabbro to leuconorite	P _{3B} um	Massive, weakly or strongly foliated ultramafic rocks, commonly layered and locally showing cumulate textures
nonzogabbro to monzonorite nonzonite to quartz monzonite	e.g., Ne	LABRADORIAN GRANITOID AND ASSOCIATED ROCKS (ca. 1678 and 1671 Ma) eveisik Island and Red Island events
abbro, norite and troctolite	P _{3B} dr	P _{3B} gd P _{3B} gr P _{3B} mq P _{3B} mz P _{3B} ma P _{3B} am Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss;
yenite, quartz syenite and alkali-feldspar syenite		in part derived from leucogabbronorite
ilbert Bay mafic dykes	P _{3B} gd P _{3B} gp	Foliated to gneissic granodiorite and compositionally equivalent well-banded gneiss Foliated to gneissic megacrystic/porphyritic granitoid rocks, augen gneiss
ca. 1085 – 985 Ma)	P _{3B} gr	Foliated to gneissic granite and alkali-feldspar granite, and compositionally equivalent well-
granodiorite to quartz diorite	P _{3B} mq	banded gneiss Foliated to gneissic quartz monzonite, grading into diorite or syenite, and compositionally
negacrystic/porphyritic granodiorite to quartz diorite	P _{3B} mz	equivalent well-banded gneiss Foliated to gneissic monzonite and monzodiorite, and compositionally equivalent well-banded
granite to alkali-feldspar granite aegerine- or nepheline-bearing syenite		gneiss
	Р _{зв} уа	Foliated to gneissic syenite, alkali-feldspar syenite and alkali-feldspar granite, and compositionally equivalent well-banded gneiss
ik Province and adjacent Grenville Province) M _{3A} ca. 1200 – 1085 Ma)	P _{3B} am	Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
		ABRADORIAN GRANITOID ROCKS (P _{3A} 1800 – 1710 Ma) P _{3A} dr P _{3A} gd P _{3A} gg P _{3A} gr P _{3A} ln P _{3A} am
ite	P _{3A} ag	Mafic granulite skialiths, lenses and layers
zonite to monzonorite	P _{3A} dr	Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss
1350 – 1200 Ма)	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-
ite and alkali-feldspar granite	P _{3A} In	banded gneiss Foliated to gneissic leucogabbronorite, and compositionally equivalent well-banded gneiss
pronorite (in database only - Lourdes-de-Blanc-Sablon intrusion,		
ite, quartz syenite and alkali-feldspar syenite	P _{3A} am PRE-LA	Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
	(Age ur P _{3A} sc	ncertain; certainly pre-1670 Ma, probably 1800 – 1770 Ma) P _{3A} sp P _{3A} sq P _{3A} ss P _{3A} sx P _{3A} vf P _{3A} vm
600 – 1350 Ma) n Lake and 13B/12 intrusions, and Michael Gabbro		entary protolith
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	P _{3A} sc	Calc-silicate rocks, compositionally layered, medium grained
thosite to leucogabbronorite, indistinctly layered in places phibolite, plus leucocratic and melanocratic variants;	P _{3A} sp P _{3A} sq	Fine- to medium-grained pelitic schist and gneiss Quartzite, meta-arkose, thin to thick bedded
ated diorite to amphibolite, may be metamorphic derivative	P _{3A} ss	Quartz-feldspar psammitic schist and gneiss; medium grained and commonly rusty-weathering
norite	P _{3A} sx	Metasedimentary diatexite; coarse grained to pegmatitic and characteristically white-weathering
negacrystic/porphyritic granitoid rocks ated granite to quartz monzonite	P _{3A} vf	c protolith Fine- to medium-grained, banded quartzofeldspathic rocks; locally have lensoid shapes, possibly indicating felsic volcanoclastic protolith
ated leucogabbronorite and anorthositic gabbro, locally y coronitic	P _{3A} vm	Fine- to medium-grained, banded amphibolite containing quartz-feldspar layers and calc-silicate
nonzonorite		pods; interpreted as mafic volcanic rocks
nonzonite to quartz monzonite	LATE M	IID PALEOPROTEROZOIC (P _{2C} 1900 – 1800 Ma) iid and related intrusive rocks
nonzonite to monzodiorite bro, norite and troctolite, commonly layered; subophitic	P _{2C} dr	P2cga P2cgd P2cgr P2cgr P2cmq P2cya P2cyq
ecrystallized derivatives retaining igneous textures	P _{2C} dr	Foliated to gneissic diorite to quartz diorite, and compositionally equivalent well-banded gneiss
ated ultramafic rocks, commonly layered and locally showing	P _{2⊂} ga P _{2⊂} gd	Alkali-feldspar granite, granite and quartz syenite Foliated to gneissic granodiorite and compositionally equivalent well-banded gneiss
syenite and quartz syenite	P _{2C} gp	Foliated to gneissic megacrystic/porphyritic granitoid rocks, augen gneiss
Gabbro	P _{2C} gr	Foliated to gneissic granite and alkali-feldspar granite, and compositionally equivalent well-banded gneiss
EARLY MESOPROTEROZOIC (PM 1800 – 1350 Ma) 1650 Ma and 1500 – 1470 Ma rocks identified)	P _{2C} mq	Foliated to gneissic quartz monzonite, grading into diorite or syenite, and compositionally equivalent well-banded gneiss
	P _{2C} mz	Foliated to gneissic monzonite to monzodiorite, and compositionally equivalent well-banded gneis
PMmd PMrg PMtn PMyq PMam recrystallized weakly to strongly foliated diorite, quartz diorite	P _{2C} ya	Foliated to gneissic syenite to alkali-feldspar syenite, and compositionally equivalent well-banded gneiss
ite to granodiorite	P _{2C} yq	Syenite to quartz syenite
illized granite to quartz monzonite		nd associated intrusive rocks
rystallized weakly to strongly foliated granite and alkali-feldspar	P _{2C} am P _{2C} am	P _{2C} rg P _{2C} d Amphibolite skialiths, lenses and layers (mainly remnants of former dykes)
rystallized leuconorite, leucogabbro	P _{2C} rg	Massive to strongly foliated gabbro and norite, commonly layered; subophitic and locally
rystallized, weakly to strongly foliated, monzodiorite to monzonite		coronitic
rystallized, weakly to strongly foliated quartz monzonite	P _{2C} d	Unnamed mafic dykes
rystallized, weakly to strongly foliated tonalite to granodiorite		P2cso P2csq P2css
rystallized, weakly to strongly foliated syenite, alkali-feldspar	P _{2C} sc	Calc-silicate rocks, compositionally layered, medium grained
to be derived from mafic dykes	P₂cso P₂csp	Conglomerate and agglomerate, partially of volcanic origin Fine- to medium-grained pelitic schist and gneiss
ALLY ASSIGNED AS PITTS HARBOUR GROUP	P₂csp P₂csq	Quartzite, meta-arkose, thin to thick bedded
PMvf PMvm	P _{2C} ss	Quartz-feldspar psammitic schist and gneiss; medium grained and commonly rusty-weathering
ally layered, medium grained		c protolith
. -	P _{2C} vb P _{2C} vb	P2cvf P2cvn P2cvp Volcanic breccia, angular clasts, grading into agglomerate
hick bedded	P _{2C} vf	Fine- to medium-grained, banded quartzofeldspathic rocks; locally have lensoid shapes, possibly indicating felsic volcanoclastic protolith
st and gneiss; medium grained ranitic material (diatexite), characteristically associated with	P _{2C} vi	Intermediate volcanic rocks
	$P_{2C}vm$	Fine- to medium-grained, banded amphibolite containing quartz-feldspar layers and calc-silicate pods; interpreted as mafic volcanic rocks
ed quartzofeldspathic rocks; locally having lensoid shapes,	P _{2C} vp	Felsic volcanic porphyry interpreted to be hypabyssal
iclastic protolith ed amphibolite containing quartz-feldspar layers and calc-silicate		
anic rocks		
INED		
		NOTES

c rocks, pseudotacholite , straight gneiss

- 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).