

STRATIFIED ROCKS								LATE DEVONIAN TO CARBONIFEROUS								PLUTONIC ROCKS									
Carboniferous				VISEAN				FAMENNIAN-TOURNAISIAN				FISSET BROOK FORMATION				CARBONIFEROUS				PLUTONIC ROCKS					
C	undifferentiated Carboniferous units	CCPHm	Middle Port Hood Formation: sandstone, shale, coal and impure limestone	CM	undifferentiated Mabou Group			CHA	Ainslie Formation: cross-bedded sandstone and conglomerate, siltstone, mostly fluviatile deposits		DCFb	Fisset Brook Formation, basalt member: vesicular porphyritic basalt and andesite, with minor interbedded red siltstone and conglomerate			HSGd	granodiorite									
WESTPHALIAN-STEPHANIAN CUMBERLAND GROUP		CCPHl	Lower Port Hood Formation: channelized sandstone deposits, siltstone, shale		WINDSOR GROUP			CHw	Upper member including Herbert River limestone: red siltstone and sandstone with intercalated shallow marine limestone, dolostone, gypsum and halite		DCFr	Fisset Brook Formation, rhyolite member: varicoloured rhyolite, porphyritic rhyolite, flow-banded rhyolite			HSt	tonalite, granodiorite									
CCSM	Sydney Mines Formation: mudstone, siltstone, shale, sandstone, limestone, and major coal deposits	CC	cross-bedded and trough cross-bedded white medium sand arkose, minor siltstone, shale, and coal					CWm	Middle member: red siltstone, sandstone, and conglomerate with gypsum and anhydrite and thin intercalated marine carbonate beds		CHs	Strathmore Formation: grey and red siltstone, sandstone, micritic limestone, conglomerate with carbonate clasts		DCFc	Fisset Brook Formation, clastic member: pebble to cobble conglomerate, breccia, red siltstone										
CCSB	South Bar Formation: sandstone, pebbly sandstone, minor conglomerate, mudstone, and rare coal	NAMURIAN MABOU GROUP		CMu	Upper member including Pomquet Formation: red and green siltstone and sandstone, minor conglomerate			CWl	Lower member: limestones, variably dolomitic and fossiliferous limestone, red siltstone, and thick units of gypsum and halite, and including basal laminated peloidal Macumber Formation limestone		CHj	Judique Formation: red cross-bedded medium to coarse sand lithic arkose, sandstone, minor conglomerate		DCF	Fisset Brook Formation: vesicular basalt, rhyolite, red siltstone, sandstone, conglomerate										
CCI	Inverness Formation: arkose, pebbly sandstone and conglomerate, shale and coal			Cml	Lower member including Hastings Formation: shale and siltstone, dolomitic siltstone, and thin stromatolitic dolostone beds			CW	undifferentiated Windsor Group		DCH	Craigish Formation: dominantly conglomerate with red and grey sandstone, thick and thinly bedded		DCM	MacAdam Lake Formation: arkose, conglomerate, shale										
CCPHu	Upper Port Hood Formation: arkose, pebbly arkose and conglomerate, shale, and siltstone										DCH	undifferentiated Horton Group													
CENTRAL AND NORTHERN CAPE BRETON ISLAND		SOUTHEASTERN CAPE BRETON ISLAND HADRYNAN - DEVONIAN																							
ORDOVICIAN-SILURIAN																									
OSM	Money Point Group		HDa	grey andesite to dacite lithic lapilli tuff				Hfm	basaltic to andesitic flows and tuffs, dacite crystal tuff, minor sandstone		HEac	andesite crystal tuff and lapilli tuff, minor rhyolite and siltstone (623 ± 3 Ma, U-Pb zircon, Bevier et al. 1993)													
OS (M)t	rhyolite, felsic to intermediate tuff, lapilli tuff and volcanic breccia, minor volcanic flows and slate (433 ± 7-4 Ma, U-Pb zircon in rhyolite from Sarah Brook Formation, Dunning et al. 1990). OSMt: 427 ± 4 Ma, U-Pb zircon, Money Point Group, Keppele et al. 1992)		ORDOVICIAN	HMI	varied lapilli tuff, mainly dacitic to rhyolitic			Hfa	andesite lapilli tuff and flows		HEad	andesitic, dacitic, and rhyolitic lapilli tuff and crystal tuff													
OS (M)c	pelitic schist, foliated quartz-rich wacke, quartz pebble conglomerate, siltstone, polymictic meta-conglomerate and meta-sandstone	OM	McAdam's Brook Formation: quartz-rich siltstone and sandstone	HMS	siltstone, lithic arkose, minor basalt			Hfr	dacite to rhyolite crystal-lithic lapilli tuff, chert, rhyolite flows		HEdc	andesite to dacite crystal tuff and lapilli tuff, minor rhyolite (593 ± 20 Ma, U-Pb zircon, Bevier et al. 1993)													
OS (M)c	OSmc: equivalent unit in Money Point Group	CMCL	MacLean Brook Formation: quartz arenite, siltstone, shale	HMr	rhyolite lapilli tuff and flows, minor siltstone (563 ± 2 Ma, U-Pb zircon, Bevier et al. 1993)			Hfg	dacite to andesite crystal-lithic lapilli tuff, basaltic flows (574 ± 1 Ma, U-Pb zircon, Bevier et al. 1993)		HEdt	dacite lapilli tuff, minor andesite and basalt tuff													
MIDDLE CAMBRIAN																									
OSv	chloritic schist, meta-volcanic rocks, metabasalt and mylonitic diorite	CT	Trout Brook Formation: shale, siltstone, and minor sandstone	HMcB	tuffaceous conglomerate, siltstone, basalt			HFbl	basaltic and andesitic lapilli tuff and flows		HEt	andesite and dacite lapilli tuff, minor rhyolite													
LOWER CAMBRIAN																									
OSd	diorite, schistose diorite, chloritic schist, mylonite, and amphibolite	CCB	Canoe Brook Formation: mudstone, siltstone, and minor sandstone	HMC	maroon to green conglomerate, laminated siltstone, lapilli tuff, basalt			HP	basaltic to rhyolitic lapilli tuff and ash tuff, minor rhyolite flows		HSrf	rhyolite flows and lapilli tuff, minor andesite													
ORDOVICIAN - CAMBRIAN																									
OCM	McLeod Brook Formation and Northern Boidale Hills volcanic unit: shale, siltstone, sandstone, basalt, andesite	CMC	MacCudron Formation: siltstone and shale	Hmb	basaltic flows and lapilli tuff, siltstone			HCr	rhyolite tuff, lapilli tuff, rhyolite flows, minor basalt to dacite flows (613 ± 15 Ma, U-Pb zircon, Bevier et al. 1993)		Hsb	basalt, andesite and dacite flows, breccia and lapilli tuff													
MIDDLE TO UPPER CAMBRIAN																									
CMM	MacNeill and MacMullin Formations: quartzite, shale, siltstone, minor limestone	CS	Sgadon Lake Formation (part of Morrison River Formation of Hutchinson, 1949): quartz arenite and quartz pebble conglomerate	Hmb	basaltic flows and lapilli tuff, siltstone			Hca	andesite tuff, lapilli tuff and flows, minor rhyolite and basalt		Hsa	conglomerate, sandstone, siltstone, chert and dolomite													
CB	Bourinot Group including Eskasoni, Dugald, and Gregoire Formations: sandstone, wacke, siltstone, shale, breccia, amygdaloidal basalt, andesite, and volcanic tuff	HCK	Kelvin Glen Group: red pebble to cobble conglomerate, arkose, sandstone, siltstone	FOURCHU GROUP	Little Lorraine unit: lithic lapilli tuff and conglomerate, siltstone, dacite sills			Hcb	basalt flows, tuff and lapilli tuff, minor rhyolite, dacite and andesite		Hsa	andesite, lapilli tuff and ash tuff, minor dacite													
LATE HADRYNIAN																									
MAIN-A-DIEU GROUP																									
HADRYNIAN - DEVONIAN																									
ODCp	pelitic gneiss, quartzofeldspathic gneiss, mica schist, minor calc-silicate rock, meta-conglomerate (462 ± 2 Ma, U-Pb detrital zircon, Chen et al. 1995)	REFERENCE LIST OF MAPS AND REPORTS USED IN COMPILEMENT OF OPEN FILE 3159a	HMm	heterolithic lapilli tuff, basalt flows, conglomerate, sandstone, siltstone				Hfc	dacite crystal tuff, lapilli tuff, minor rhyolite and conglomerate		HEb	amygdaloidal basalt, porphyritic basalt, tuff and lapilli tuff, minor conglomerate and sandstone													
Psgn	biotite gneiss, amphibolite, pegmatite and local migmatite, pelitic schist, meta-quartzite, minor marble																								
PSMR	Middle River metamorphic suite: amphibolite, gneiss, kyanite-muscovite schist, and minor marble																								
PSCN	Cape North Group: gneiss, high-grade pelitic and semi-pelitic schist, calc-silicate rock, marble, and amphibolite																								
Hogn	diorite, mylonite and schistose to gneissic diorite, biotite-garnet schist, minor sheared granite																								
PROTEROZOIC																									
HCKgn	Kellys Mountain gneiss: cordierite-bearing paragneiss																								
HPv	Price Point Formation: sub-volcanic dacite and andesite, some lapilli tuff and volcanic flows																								
PLHgn	Lime Hill gneissic complex: marble, calc-silicate rock, cordierite-andalusite/sillimanite gneiss, multiphase granitic injection complex																								
PM PG	Pm: marble, calc-silicate rock, gneiss,																								