

LEGEND

DEVONIAN

MUSQUODOBOIT BATHOLITH

DM Im Leucomonzogranite: buff, white and pink, medium- to coarse-grained, seriate to megacrystic (5-15%) monzogranite; biotite (4-8%, average 6%), muscovite (trace-1%), cordierite (trace-1%).

DM mbmg Muscovite-biotite monzogranite: buff, white and pink, medium- to coarse-grained, seriate to megacrystic (5-15%) monzogranite; biotite (6-12%, average 8%), muscovite (trace-1%), cordierite (trace-1%). Metasedimentary xenoliths common.

Note: subdivisions of Musquodoboit Batholith inferred from distribution of units on adjacent map sheets.

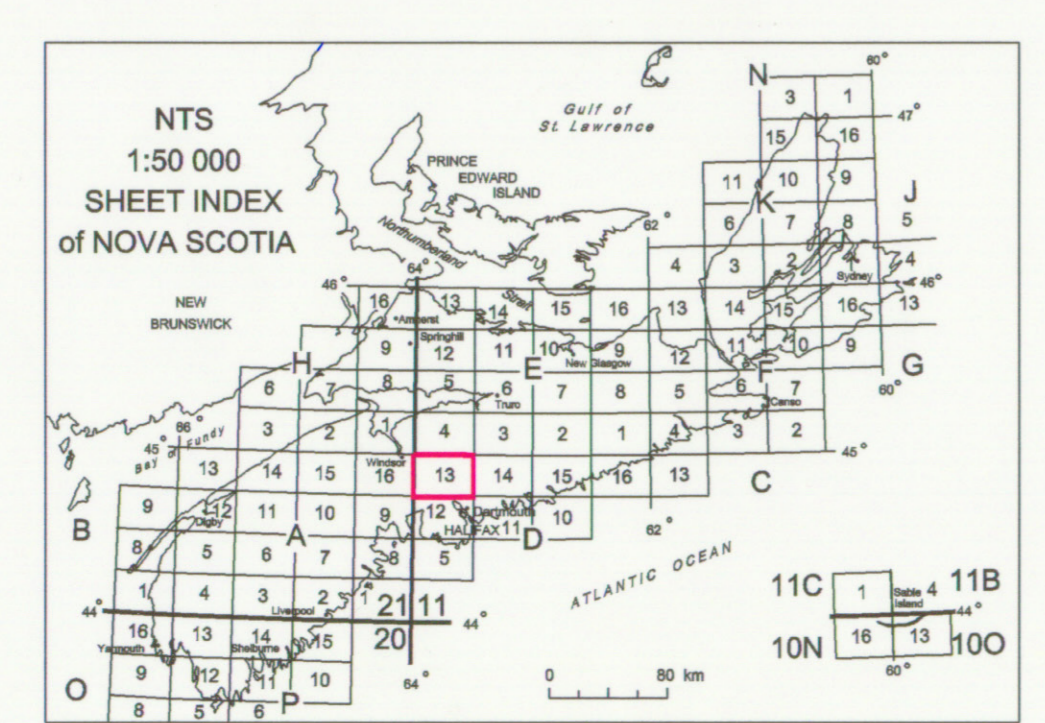
CAMBRIAN-ORDOVICIAN

MEGUMA GROUP

GOLDENVILLE FORMATION

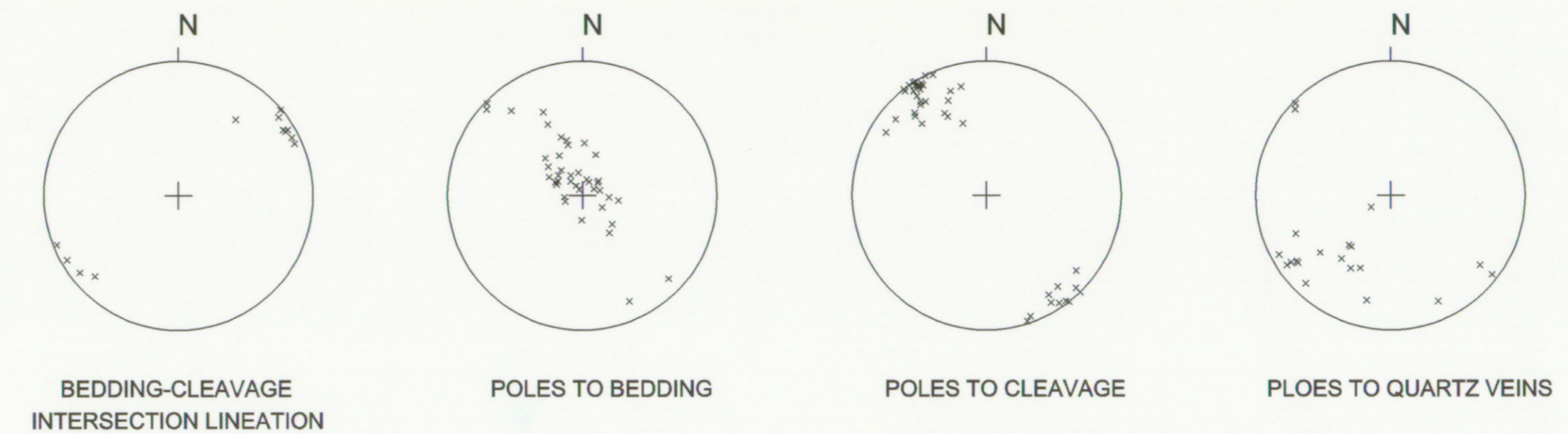
COG Undivided: thickly bedded, massive to locally laminated metasediments with lesser greenish, commonly laminated, metasilstone.

- ### Symbols
- Outcrop, continuous outcrop
 - Bedding (inclined, vertical, overturned)
 - Cleavage (inclined, vertical)
 - Shear (unknown)
 - Parasitic f1 fold (m-fold)
 - Bedding-cleavage intersection lineation
 - Mineral lineation
 - Slickenstria
 - Vein (inclined, vertical)
 - Joint (inclined, vertical)
 - Cataclastic zone
 - Shaft
 - Glacial stria (ice flow direction unknown)
 - Mineral occurrence
 - Pit
 - (Number from Nova Scotia Department of Natural Resources mineral occurrence database)
 - Trace of F1 anticline (approximate)
 - Trace of F1 syncline (approximate, assumed)
 - Geological contact (approximate or assumed)
 - Geological contact (gradational)
 - Fault (approximate)
 - Bedding form lines interpreted from air photographs (defined)



Index map of Nova Scotia digital topographic database, 1:10 000 scale map series for NTS sheet 11D/13

10 44 9000 63 900	10 44 9000 63 800	10 44 9000 63 700	10 44 9000 63 600	10 44 9000 63 500
10 44 8000 63 900	10 44 8000 63 800	10 44 8000 63 700	10 44 8000 63 600	10 44 8000 63 500
10 44 7000 63 900	10 44 7000 63 800	10 44 7000 63 700	10 44 7000 63 600	10 44 7000 63 500



Stereonet projections of structural data for the map sheet

MAP NOTES:

Geology of the Meguma Group by R.J. Home and D.E. Baker (1997).
 Geology of the Musquodoboit Batholith by L.J. Ham (1995).
 Base map derived from Nova Scotia digital topographic database, 1:10 000 mapping series
 3 degree MTM, ATS 77.
 Geological symbology generated by Fledgling V3.0Beta (B. Brodard, Geological Survey of Canada).
 Data entry by D. Baker, L. MacDonald, and P. Terriere
 Note: symbol orientation relative to grid north; approximately 1 degree E.
 Location of mineral occurrences were relocated from database to locations indicated in source.

Suggested Citation:
 Home R.J., Baker, D.E. and Ham, L.J. 1998: Geological map of Waverley (part of NTS sheet 11D/13), Halifax Regional Municipality, Nova Scotia; Nova Scotia Department of Natural Resources, Minerals and Energy Branch.
 Open File Map 1998-008, scale 1:10 000.

Nova Scotia Department of Natural Resources
 Minerals and Energy Branch
 OFM 1998-009
 Geological Map of
WAVERLEY
 (Part of NTS SHEET 11D/13,
 Halifax County,
 NOVA SCOTIA)

R. J. Home, D.E. Baker and L.J. Ham
 Scale 1:10 000
 0 0.5 1
 Kilometres
 Nova Scotia digital topographic database
 1:10 000 scale map
 series map 10 44 7500 63 500

Nova Scotia Department of Natural Resources
 Halifax, Nova Scotia
 1998