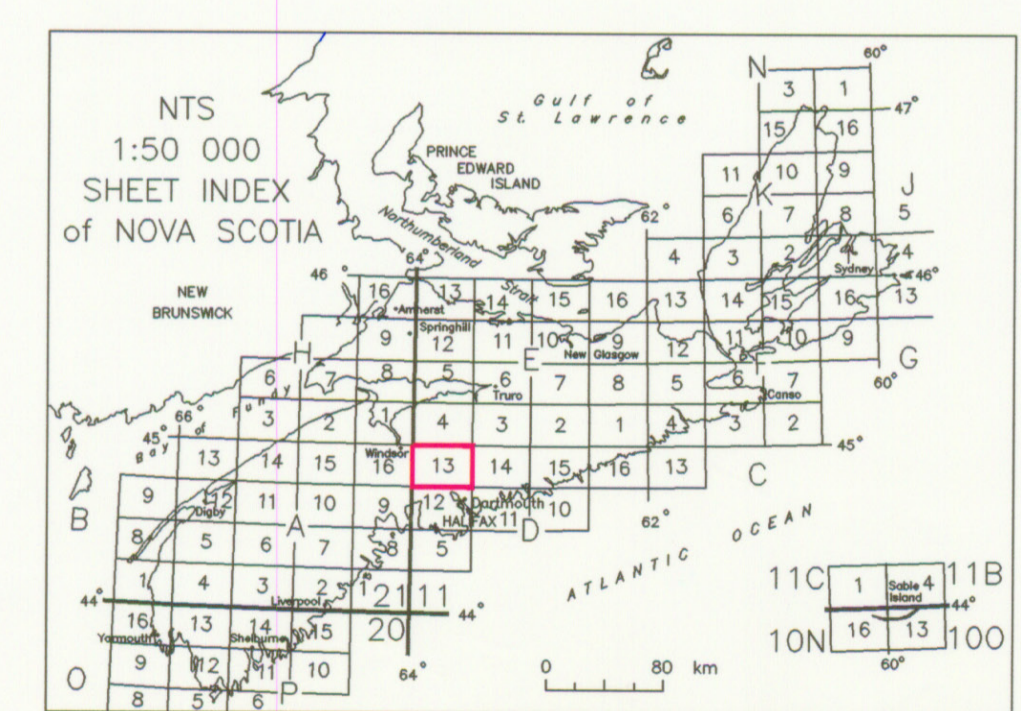


- ### LEGEND
- #### CAMBRIAN-ORDOVICIAN
- MEGUMA GROUP
- HALIFAX FORMATION
- COHg** Glen Brook unit: pale green and grey, banded, well cleaved slate-metasilstone and lesser thin metasediments.
  - COHc** Cunard unit: predominantly black, finely laminated slate with thin, interbedded, planar to cross-bedded metasilstone and metasediments; generally sulphide-rich with significant pyrite as coarse cubes and fine to coarse pyrrhotite along cleavage.
- GOLDENVILLE FORMATION
- COG** Undivided; typically thickly bedded, massive to locally laminated metasediments with lesser greenish, commonly laminated, metasilstone; sedimentary groove marks locally; coarse pyrite locally common in metasediments.
- Map boundaries for Halifax Formation determined from adjacent maps and aeromagnetic data (Nova Scotia Department of Natural Resources Open File Map 97-009).

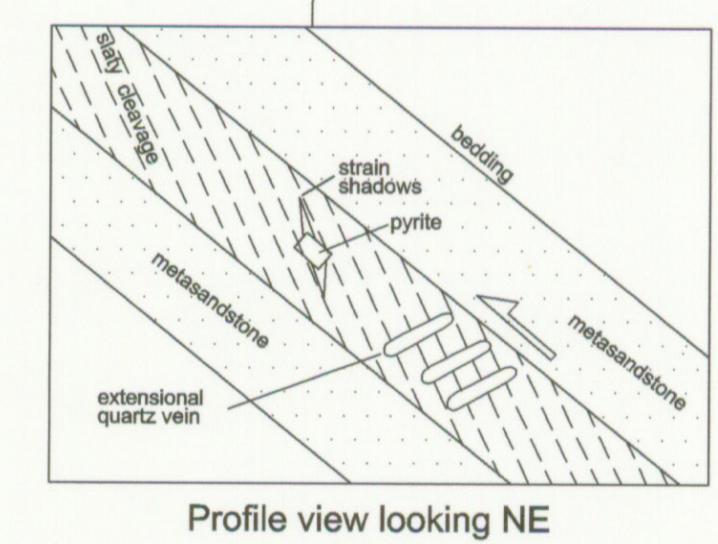
- ### Symbols
- Outcrop, continuous outcrop
  - Bedding (inclined, vertical)
  - Cleavage (inclined, vertical)
  - Bedding-cleavage intersection lineation
  - Crenulation cleavage
  - Crenulation lineation
  - Joint (inclined, vertical)
  - Mineral lineation
  - Vein (inclined, vertical)
  - Glacial stria (ice flow direction unknown)
  - Slickenstria
  - Paleocurrent direction (trend and plunge)
  - Shear (unknown)
  - Cataclastic zone
  - Abandoned quarry
  - Pit
  - Mineral occurrence (Number from Nova Scotia Department of Natural Resources mineral occurrence database)
  - Trace of F1 anticline (approximate)
  - Trace of F1 syncline (approximate)
  - Trend and plunge of fold hinge
  - Geological contact (approximate or assumed)
  - Geological contact (gradational)
  - Fault (approximate)
  - Bedding form lines interpreted from air photographs (defined, probable)
  - Concretion

Note: strong correlation of quartz veins (bedding parallel, discordant, en echelon) to the hinge zone of the Waverley Anticline.



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

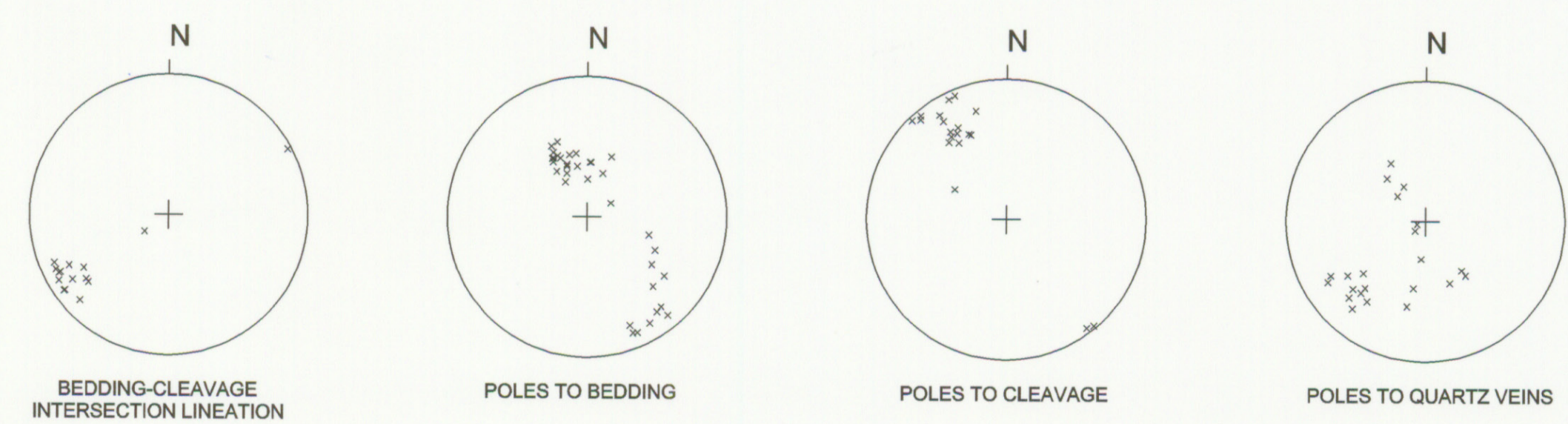
10 44 9500 63 9000	10 44 9500 63 9000	10 44 9500 63 7000	10 44 9500 63 5000	10 44 9500 63 3000
10 44 9500 63 9000	10 44 9500 63 8000	10 44 9500 63 7000	10 44 9500 63 6000	10 44 9500 63 5000
10 44 9500 63 9000	10 44 9500 63 8000	10 44 9500 63 7000	10 44 9500 63 6000	10 44 9500 63 5000
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10 44 9500 63 9000	10 44 9500 63 8000	10 44 9500 63 7000	10 44 9500 63 6000	10 44 9500 63 5000



Sketch of metasediment-slate interval illustrating bedding-cleavage relations in the slate, en echelon quartz veins and quartz strain shadows around pyrite cubes. Location indicated by arrow.

#### MAP NOTES:

Geology of the Meguma Group by R.J. Home, L.A. MacDonald and D.E. Baker (1996-1997).  
 Base map derived from Nova Scotia digital topographic database, 1:10 000 mapping series 3 degree MTM, ATS 77.  
 Geological symbology generated by Fieldlog V3.0Beta (B. Brodarcic, Geological Survey of Canada).  
 Data entry by D. Baker, L. MacDonald and P. Teniere.



Stereonet projections of structural data for the map sheet

#### Suggested Citation:

Home, R.J., L.A. MacDonald and D.E. Baker, 1997: Geological map of Middle Sackville (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.

Note: symbol orientation relative to grid north; approximately 1 degree E.  
 Location of mineral occurrences were relocated from database locations to locations indicated in source.  
 Map boundaries for Halifax Formation determined from adjacent maps and aeromagnetic data (Nova Scotia Department of Natural Resources Open File Map 97-009).

Nova Scotia Department of Natural Resources  
 Minerals and Energy Branch  
 OFM 1998-008  
 Geological Map of  
**MIDDLE SACKVILLE**  
 (Part of NTS SHEET 11D/13),  
 Halifax County,  
 NOVA SCOTIA  
 R. J. Home, L.A. MacDonald and D.E. Baker  
 Scale 1:10 000  
 0 0.5 1  
 Kilometres  
 Nova Scotia digital topographic database  
 1:10 000 scale map  
 series map 10 44 7500 63 600  
 Nova Scotia Department of Natural Resources  
 Halifax, Nova Scotia  
 1998