

**LEGEND**  
**CARBONIFEROUS**

WINDSOR GROUP  
**Cw** undivided; marine evaporites, carbonates and mudrocks

HORTON GROUP  
**CH** undivided; conglomerate, sandstone, mudrocks

ANGULAR UNCONFORMITY

### CAMBRIAN–ORDOVICIAN

MEGUMA GROUP  
HALIFAX FORMATION

**COHg** Glen Brook unit: pale green and grey, banded, well-cleaved slate-metapsilstone; homogeneous unit with only very minor metasandstone near the base.

**COHcb** Cunard subunit b: predominantly black, finely laminated slate with thin, interbedded, planar to cross bedded metapsilstone and metasandstone.

**COHaa** Cunard subunit a: predominantly black, finely laminated slate with thin, interbedded, planar to cross bedded metapsilstone and metasandstone; generally sulphide-rich with significant coarse pyrite cubes and pyrrhotite, the pyrrhotite occurring along cleavage.

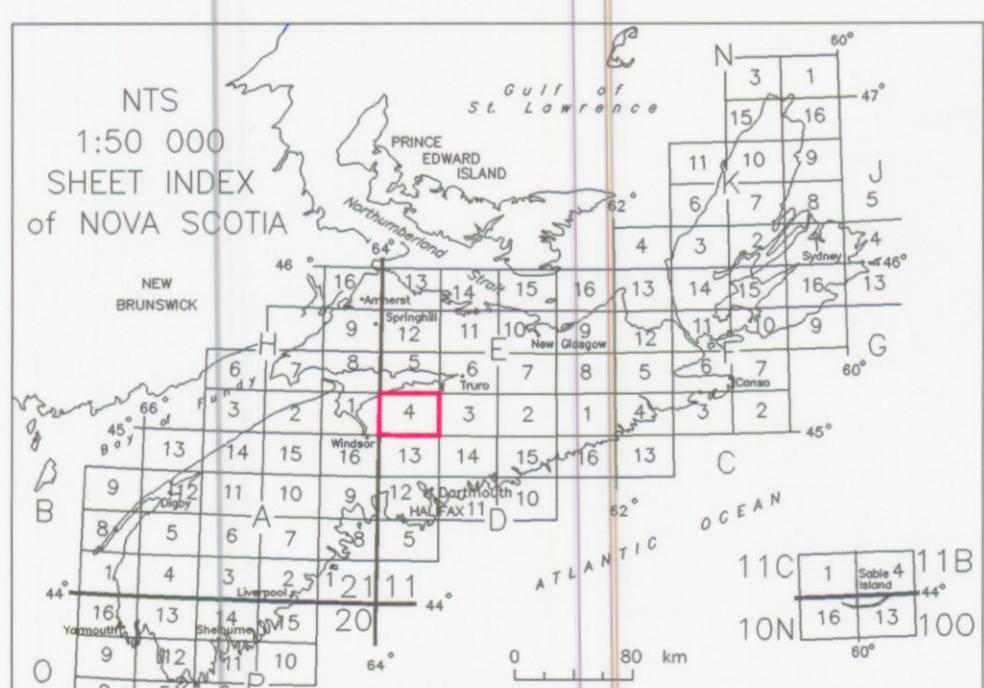
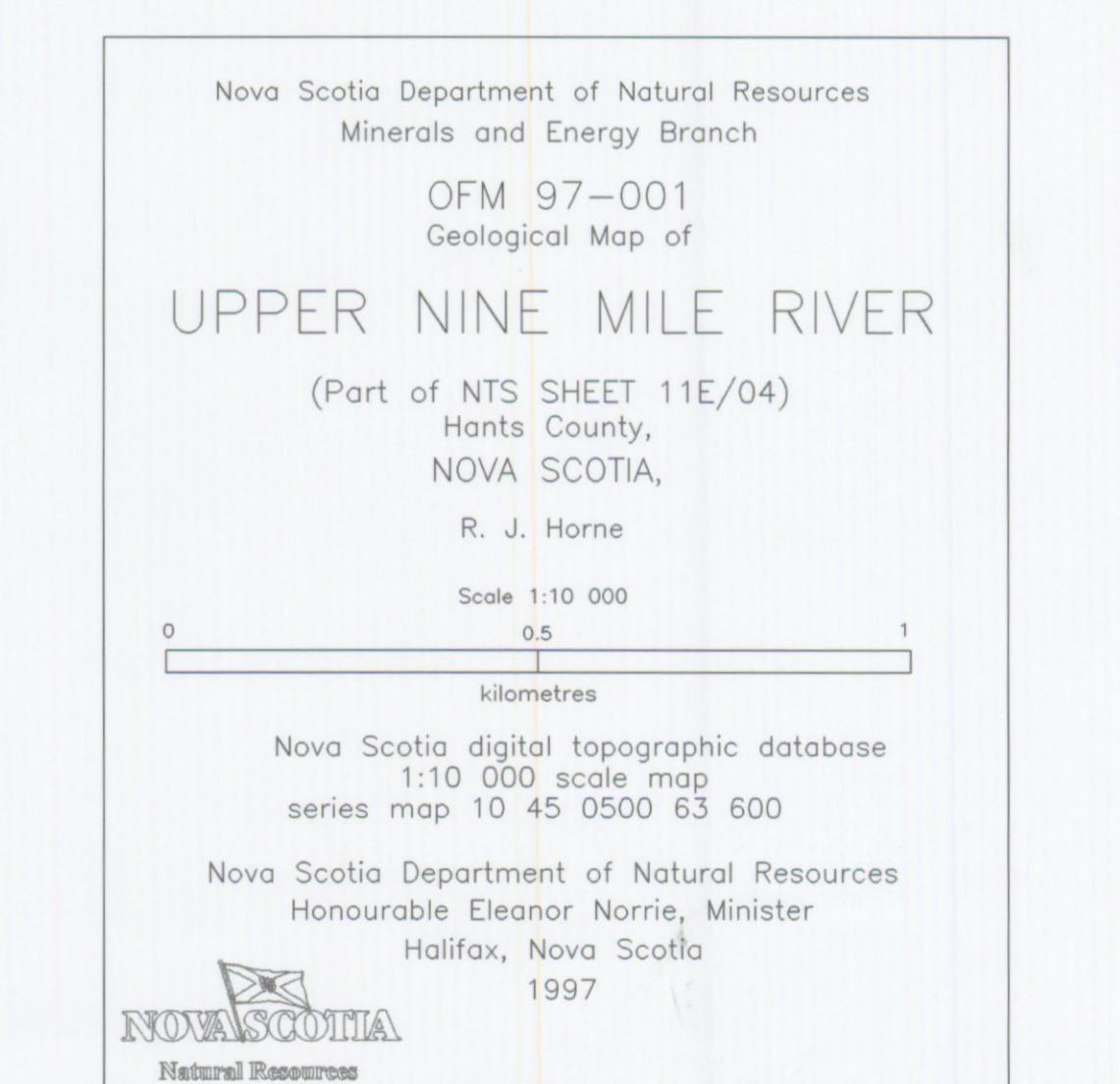
**COH** Undivided, after Stevenson (1959, Geological Survey of Canada, Map 1075A)

GOLDENVILLE FORMATION

**COG** Undivided, after Stevenson (1959, Geological Survey of Canada, Map 1075A)

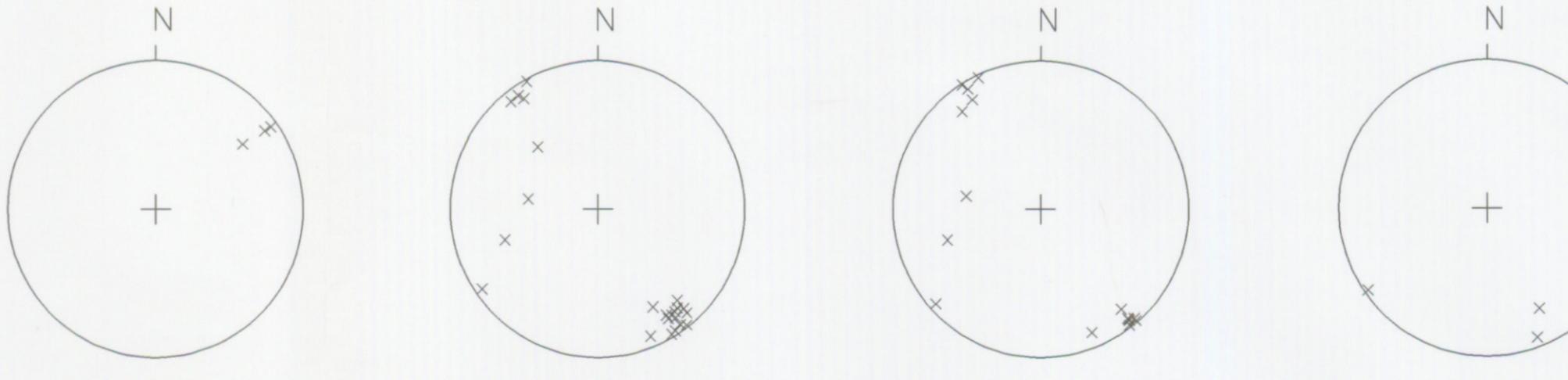
### Symbols

- Outcrop
- Bedding (inclined, vertical, tops unknown, overturned)
- Cleavage (inclined, vertical)
- Bedding cleavage intersection lineation (left)
- Kink (sinistral, dextral; arrow=hinge)
- Vein (inclined, vertical)
- Joint (inclined)
- Glacial stria (ice flow direction unknown)
- Mineral occurrence
- (Number from Nova Scotia Department of Natural Resources mineral occurrence database)
- Diamond-drill hole
- (Number from Nova Scotia Department of Natural Resources drill hole database)
- Trace of F1 anticline
- Trace of F1 syncline
- Geological contact (approximate or assumed)
- Geological contact (gradational)
- Fault (approximate)



Index map of Nova Scotia digital topographic database, 1:10 000 scale map series  
for NTS sheet 11E/04

10	45 2000	45 2000	45 2000	45 2000	45 2000
10	63 900	63 800	63 700	63 600	63 500
10	45 1500	45 1500	45 1500	45 1500	45 1500
10	63 900	63 800	63 700	63 600	63 500
10	45 1000	45 1000	45 1000	45 1000	45 1000
10	63 900	63 800	63 700	63 600	63 500
10	45 0500	45 0500	45 0500	45 0500	45 0500
10	63 900	63 800	63 700	63 600	63 500
10	45 0000	45 0000	45 0000	45 0000	45 0000
10	63 900	63 800	63 700	63 600	63 500



### MAP NOTES:

Geology of the Meguma Group by R.J. Horne (1993-1995). Areas of Carboniferous rocks not mapped and distribution of basic map units compiled from Stevenson (1959; Geological Survey of Canada Map 1075A, scale 1:63 360). Base map derived from Nova Scotia digital topographic database, 1:10 000 mapping series 3 degree MTR ATC 77-100.

Geological symbology generated by Fieldlog V2.83 (B. Brodrick, Geological Survey of Canada). Data entry by G. Chapman, B. Creaser, D. Baker and L. MacDonald.

Note: symbol orientation relative to grid north; approximately 1 degree E. Location of mineral occurrences and diamond-drill holes were relocated from database locations to locations indicated in source.

### Suggested Citation:

Horne, R.J. 1997: Geological Map of Upper Nine Mile River (part of NTS sheet 11E/04), Hants County, Nova Scotia; Nova Scotia Department of Natural Resources, Minerals and Energy Branch, Open File Map 97-001, scale 1:10 000.