

### 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-metasilstone; homogeneous unit with only very minor metasandstone near the base.

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

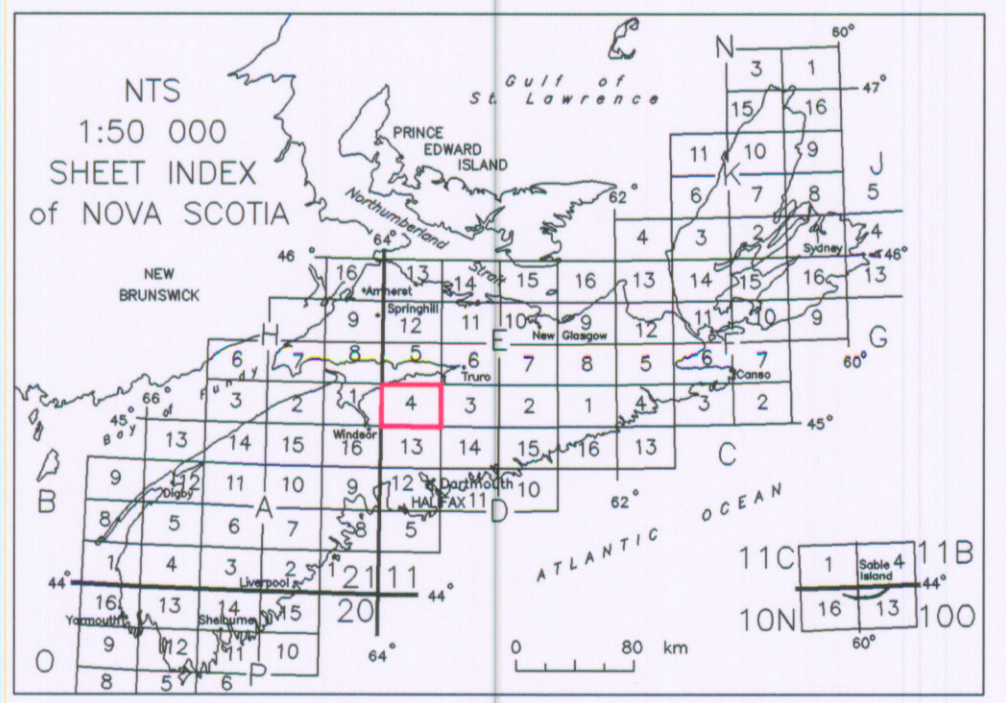
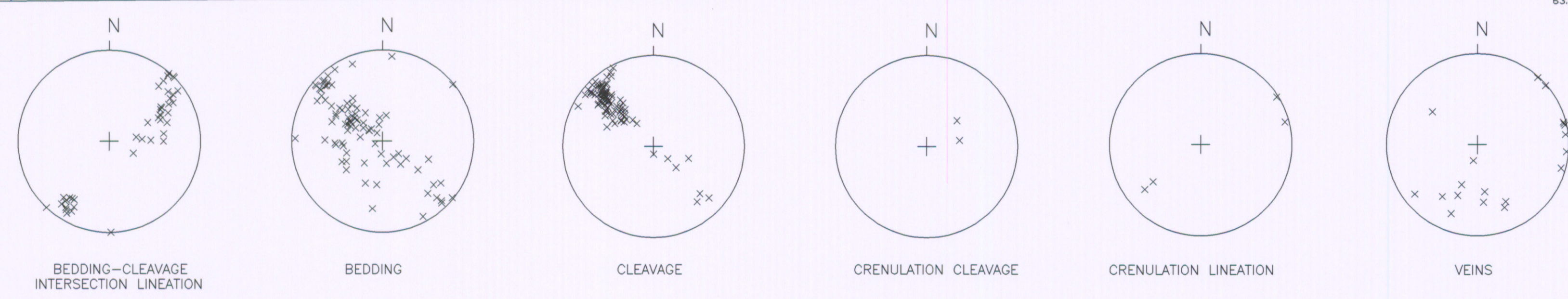
GOLDENVILLE FORMATION

**COG** undivided metasandstone and minor slate

#### Symbols

- Outcrop, stream section
- Bedding (inclined, overturned, vertical)
- Cleavage (inclined)
- Bedding cleavage intersection lineation (unknown)
- Kink (sinistral, dextral, unknown; arrow=hing)
- Shear (normal, unknown)
- Crenulation cleavage
- Crenulation lineation
- Minor s-fold hinge (1st generation, 2nd generation)
- Parasitic f1 fold (m-fold, s-fold, z-fold)
- Trend and plunge of boudinage axis
- Stretching lineation
- Slickensitria
- Axial plane of second generation fold
- Vein (inclined, vertical)
- Joint (inclined, vertical)
- 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 database)
- Trace of F1 anticline (approximate)
- Trace of F1 syncline (approximate)
- Geological contact (approximate or assumed)
- Geological contact (gradational)
- Fault (approximate)
- Quartz vein

(Compiled from Geological Survey of Canada Maps 66 and 73)



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

10	10	10	10	10
45 2000	45 2000	45 2000	45 2000	45 2000
63 900	63 900	63 700	63 600	63 500
10	10	10	10	10
45 1500	45 1500	45 1500	45 1500	45 1500
63 900	63 900	63 700	63 600	63 500
10	10	10	10	10
45 1000	45 1000	45 1000	45 1000	45 1000
63 900	63 800	63 700	63 600	63 500
10	10	10	10	10
45 0500	45 0500	45 0500	45 0500	45 0500
63 900	63 800	63 700	63 600	63 500
10	10	10	10	10
45 0000	45 0000	45 0000	45 0000	45 0000
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 Moore (1989; Nova Scotia Department of Mines and Energy, OFM 89-004, scale 1:10 000). Base map derived from Nova Scotia digital topographic database, 1:10 000 mapping series 3 degree MTM, ATS 77. Geological symbology generated by Fieldlog V2.83 (B. Brodric, 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 Greenhill (part of NTS sheet 11E/04), Hants County, Nova Scotia; Nova Scotia Department of Natural Resources, Minerals and Energy Branch, Open File Map 97-004, scale 1:10 000.

Nova Scotia Department of Natural Resources  
 Minerals and Energy Branch

OFM 97-004  
 Geological Map of  
**GREENHILL**  
 (Part of NTS SHEET 11E/04),  
 Hants County,  
 NOVA SCOTIA

R. J. Horne

Scale 1:10 000

0 0.5 1  
 kilometres

Nova Scotia digital topographic database  
 1:10 000 scale map  
 series map 10 45 0000 63 800

Nova Scotia Department of Natural Resources  
 Honourable Eleanor Norrie, Minister  
 Halifax, Nova Scotia  
 1997