

- LEGEND**
- LITHOFACIES ASSEMBLAGES**
- Granule to cobble conglomerate, red, with subordinate poorly sorted red sandstone and sandy mudrock.
 - Pebble (occasional granule) to cobble conglomerate, green-grey, occasionally chloritic matrix.
 - Grey quartz granule conglomerate with grey, fine- to medium-grained sandstone, and grey mudstone. Rare thin <0.5 m thick coals.
 - Fine- to coarse-grained grey and red sandstone with subordinate red mudstone. Sandstones are generally greater than 4 m thick.
 - Red mudrock with subordinate to equal amounts of red and occasionally grey, very-fine grained sandstone.
 - Grey, fine- to medium-grained sandstone and grey with subordinate red mudstone, rare pelecypod-bearing limestone, rare to occasional coal, rare canal coal.

- GEOLOGICAL SYMBOLS**
- Bedding (horizontal, vertical, overturned, younging direction known, younging direction unknown).
 - Fault surface in outcrop with rake of slip in plane.
 - Strike consistent (dip direction variable).
 - dip direction consistent (dip variable (listric)).
 - Vertical.
 - Fault, mesoscale and regional (defined, approximate).
 - Unconformity (defined, assumed).
 - Anticline (broad arrow indicates plunge; regional).
 - Syncline (broad arrow indicates plunge; regional).
 - Rock outcrop (outcrop, area of outcrop, granite outcrop).
 - Diamond-drill hole (Nova Scotia Department of Mines and Energy (NSDME)).
 - Occurrence, coal.
 - Palynology samples.
 - Early, Middle, Late; WESTPHALIAN; b or c. e, m, l; W; b, c.
 - Seismic line (Curragh Resources, 1990).
 - Mine coal (abandoned).

- MAP SYMBOLS**
- Roads (highway, secondary).
 - Railway.
 - Waterways.
 - Power transmission lines.
 - County boundary.
 - Reserve, park, Department of National Defence (DND) boundary.
 - 1000 metre grid tick.

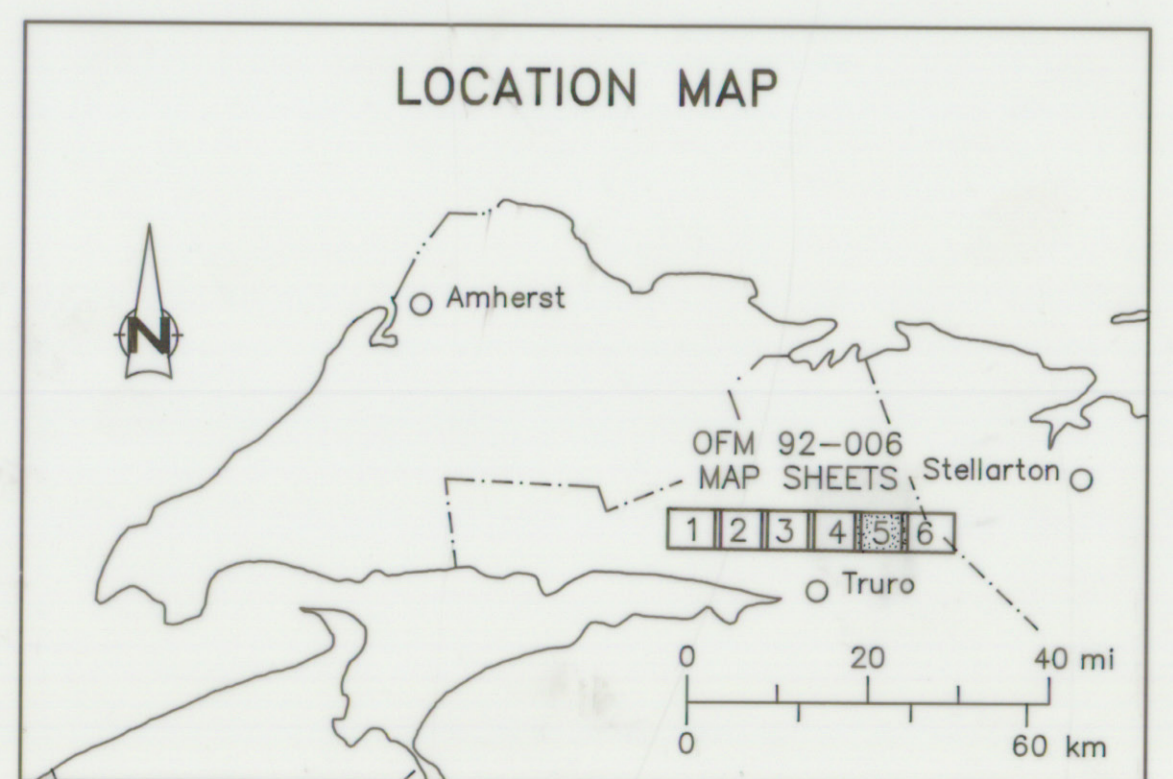
MAP NOTES

Planimetric base derived from Land Registration and Information Service (LRIS) 1:10 000 Orthophoto Maps, circa 1975 (see index map for sheet references).

Grid shown is based on the Nova Scotia 3rd M.T.M. Projection.

LRIS INDEX

11E/12 T2	11E/11 R1	11E/11 S1	11E/11 S2	11E/11 T1	11E/11 T2	11E/10 R1
11E/05 Z4	11E/06 X3	11E/06 Y4	11E/06 Y3	11E/06 Y4	11E/06 Z3	11E/06 X3
11E/05 Z2	11E/06 X2	11E/06 Y1	11E/06 Y2	11E/06 Z1	11E/06 Z2	11E/07 X1



Nova Scotia Department of Natural Resources
 Mines and Energy Branches
 Open File Map 92-006 (5 of 6)

**GEOLOGY OF THE
 DEBERT-KEMPTOWN COALFIELD
 NOVA SCOTIA**

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Scale 1:10 000

Nova Scotia Department of Natural Resources
 Honourable John G. Leefe, Minister
 Halifax, Nova Scotia

1992