

COOPERATION
 COOPERATION AGREEMENT ON MINERAL DEVELOPMENT
 ENTENTE DE COOPERATION SUR L'EXPLOITATION MINÉRALE
 Contribution to Canada-Nova Scotia Cooperation Agreement on Mineral Development (1992-1995), a subsidiary agreement under the Economic and Regional Development Agreement.
 Contribution à l'Entente de coopération Canada-Nouvelle-Écosse sur l'exploitation minière (1992-1995), entente assise sur négociée en vertu de l'Entente Canada-Nouveau-Brunswick de développement économique et régional.

LEGEND

- CARBONIFEROUS**
Windsor Group
 CW laminated limestone, limestone breccia, conglomerate, sandstone, shale
Horton Group
 CHss grey to red-brown sandstone, siltstone, shale
 CHcg conglomerate, pebbly arkosic sandstone
- LATE DEVONIAN**
 Fisset Brook Formation
 LDfBr rhyolite flows, tuffs
 LDfBb basalt flows, tuff, minor siltstone
 LDfBs red-brown conglomerate, sandstone, siltstone
- SILURIAN-DEVONIAN(?)**
 SDgr biotite-hornblende monzogranite
- ORDOVICIAN-SILURIAN(?)**
 OSdi diorite
 OSgn quartzite, quartzofeldspathic gneiss, minor biotite gneiss, pegmatite & apilite

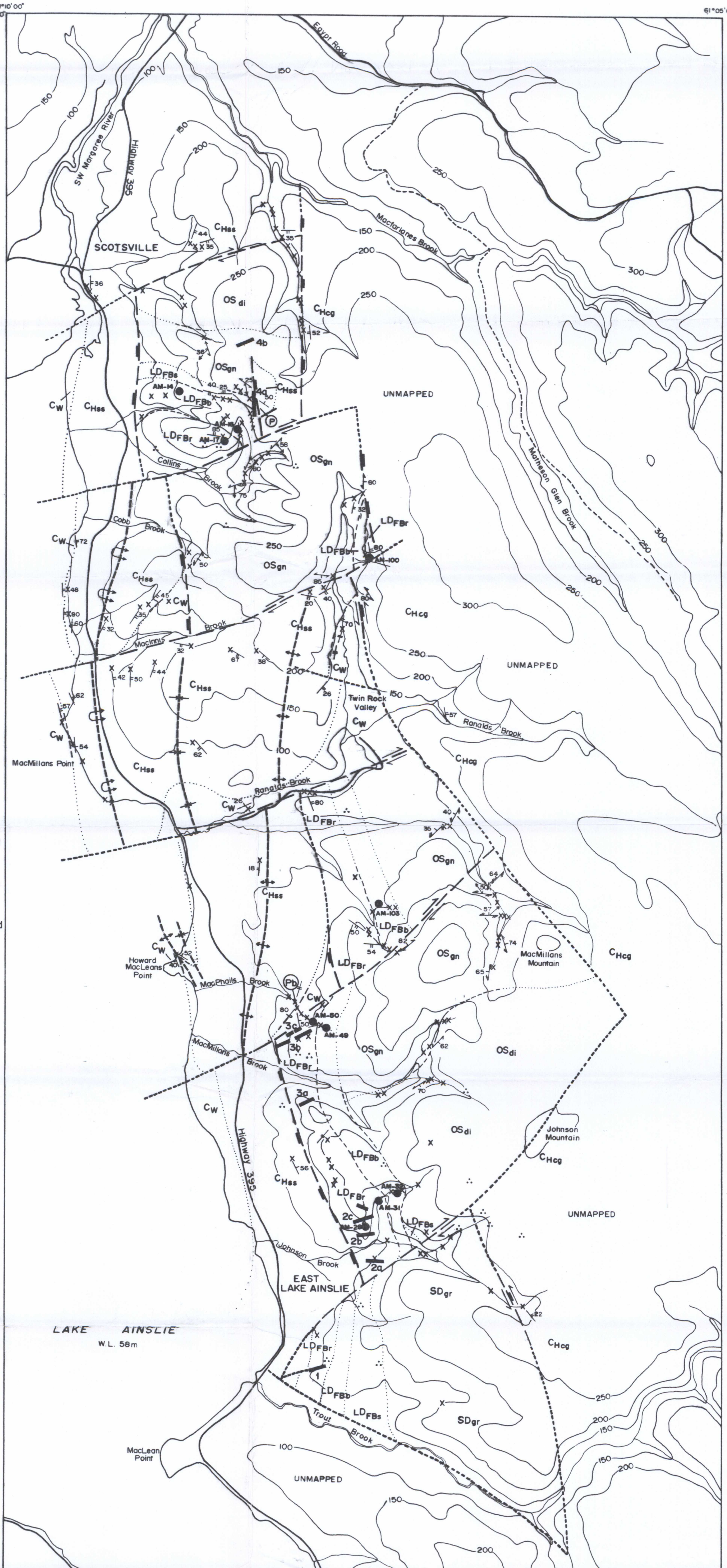
SYMBOLS

- 2a Barite-fluorite veins*
 X outcrop
 ∴ float
 ● geochemical sample
 ⊕ palynology sample
 ⊕ Pb-Zn sulphide occurrence
- bedding, top unknown, known, overturned
 cataclastic foliation
 gneissic foliation with crenulation lineation
 mylonitic foliation with stretching lineation
 contacts observed, approximate, assumed
- upright anticline
 fold axial traces: upright syncline
 overturned anticline
- fault trace: approximate,
 fault trace: assumed
- inferred dip-slip motion
 inferred strike-slip motion

- *BARITE-FLUORITE VEINS**
- 4b Peter Campbell
 - 4a Macinnis
 - 3c D.J. MacDougall
 - 3b Campbell-MacMillan
 - 3a MacLean
 - 2c Upper Johnson
 - 2b Lower Johnson
 - 2a J.A. MacDougall
 - 1 Evans

MAP A:
 Geological map of the east side of Lake Ainslie, Cape Breton Island, Nova Scotia

To accompany:
A.S. Macdonald:
 1999: Lake Ainslie barite-fluorite veins, Cape Breton Island, Nova Scotia; Geological Survey of Canada, Open File 3742, 52 p.



Base compiled from LRIS 1:10 000 Orthophoto Maps
 11K/03-Z1, W1, W3

SCALE 1:20,000

Contours at 50m intervals

Geology by A.S. Macdonald, 1995