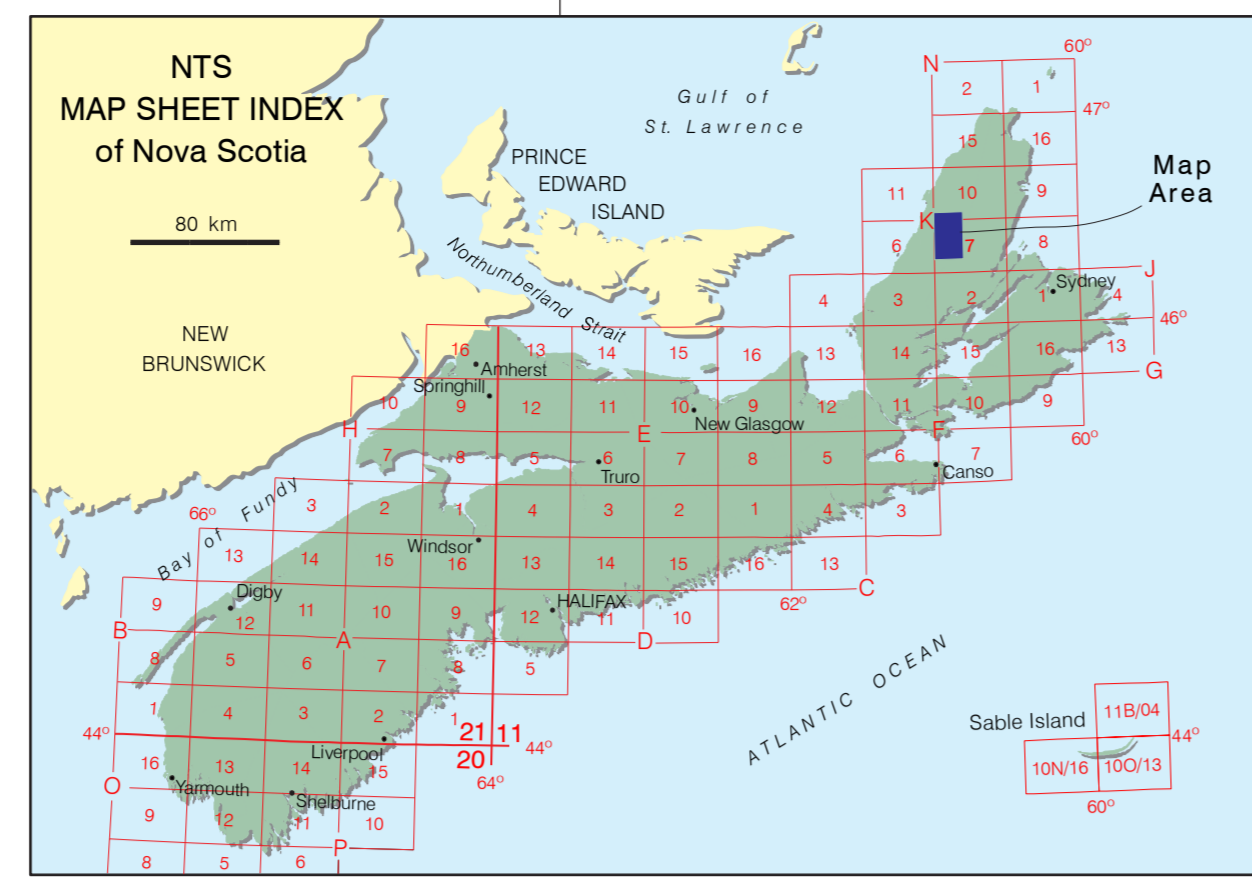


LEGEND

- DEVONIAN-CARBONIFEROUS**
- PETERS BROOK PLUTON**
- DCPb medium grained, equigranular, pink monzogranite; locally, intensely sheared
 - DCUp medium- to coarse-grained, megacrystic, biotite-hornblende(?) rapakivi granite
- MARGAREE PLUTON**
- DCUp medium- to coarse-grained, megacrystic, biotite-hornblende(?) rapakivi granite
- BOUNDARY LINE INTRUSIVE SUITE**
- DCBLm monzogranite; fine- to medium-grained, equigranular, pink monzogranite; abundant mafic dykes
 - DCBLd diorite; medium grained, equigranular diorite
- DEVONIAN**
- BOTHAN BROOK PLUTON**
- DBs medium- to coarse-grained, moderately equigranular, pink, biotite-hornblende monzogranite-syenogranite
- WEST BRANCH NORTH RIVER PLUTON**
- DWtm monzogranite; medium- to coarse-grained, moderately equigranular, pink, biotite-hornblende monzogranite-syenogranite
 - DWRg granodiorite; medium- to coarse-grained, light grey, megacrystic, biotite-hornblende granodiorite
- SILURIAN**
- TAYLORS BARREN PLUTON**
- STB variably isolated augen granite
- SARACH BROOK METAMORPHIC SUITE**
- Ssb undivided, fine- to coarse-grained, felsic to intermediate pyroclastics and flows and minor slate; locally mylonitic
- ORDOVICIAN OR OLDER**
- PLEASANT BAY COMPLEX**
- OPbc Belle Côte Road orthogneiss; light grey, homogeneous, quartz-feldspar-biotite-garnet gneiss, minor amphibolite and minor paragneiss
 - OPst First Fork Brook gneiss; banded, mafic, quartz-feldspar-biotite-hornblende-garnet gneiss, amphibolite, minor pelitic gneiss, minor orthogneiss
- MIDDLE RIVER METAMORPHIC SUITE**
- EOur undivided, medium- to high-grade metasedimentary rocks; includes psammitic units, biotite-garnet-kyanite schist, amphibolite, marble and minor deformed pegmatite
 - EOup mainly deformed pegmatite
- JUMPING BROOK METAMORPHIC SUITE**
- EOJbb George Brook amphibolite; fine- to coarse-grained amphibolite
 - EOJsb Corey Brook schist; medium- to coarse-grained, pelitic, mica-garnet-staurolite schist
 - EOJba Dauphinee Brook schist (subunit a); fine grained, pelitic, biotite-garnet schist
 - EOJbb Dauphinee Brook schist (subunit b); fine- to medium-grained, psammitic-semipelitic, chlorite-garnet schist
- PRECAMBRIAN**
- KATHY ROAD DIORITIC SUITE**
- EKR medium grained, equigranular diorite; locally, strongly sheared



MAP NOTES

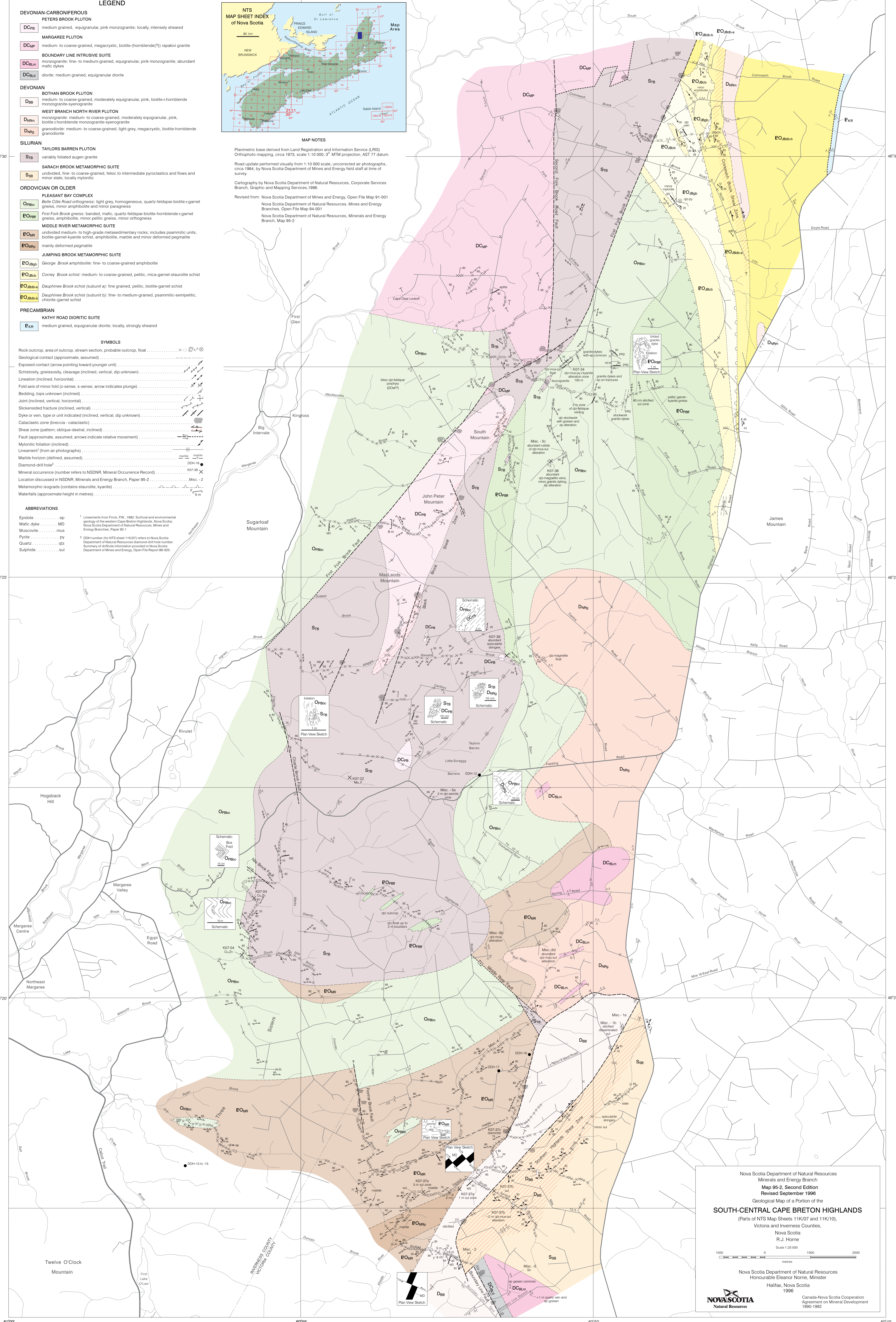
Planimetric base derived from Land Registration and Information Service (LRIS) Orthophoto mapping, circa 1973, scale 1:10 000, 3° MTM projection, AST 77 datum.

Road update performed visually from 1:10 000 scale, uncorrected air photographs, circa 1984, by Nova Scotia Department of Mines and Energy field staff at time of survey.

Cartography by Nova Scotia Department of Natural Resources, Corporate Services Branch, Graphic and Mapping Services, 1996.

Revised from: Nova Scotia Department of Mines and Energy, Open File Map 91-001 Nova Scotia Department of Natural Resources, Mines and Energy Branches, Open File Map 94-001 Nova Scotia Department of Natural Resources, Minerals and Energy Branch, Map 95-2

- SYMBOLS**
- Rock outcrop, area of outcrop, stream section, probable outcrop, float
 - Geological contact (approximate, assumed)
 - Exposed contact (arrow pointing toward younger unit)
 - Schistosity, gneissosity, cleavage (inclined, vertical, dip unknown)
 - Lineation (inclined, horizontal)
 - Fold axis of minor fold (Z-sense, S-sense; arrow indicates plunge)
 - Bedding, logs unknown (inclined)
 - Joint (inclined, vertical, horizontal)
 - Slickensided fracture (inclined, vertical)
 - Dyke or vein, type or unit indicated (inclined, vertical, dip unknown)
 - Cataclastic zone (breccia - cataclastic)
 - Shear zone (pattern; oblique-dextral, inclined)
 - Fault (approximate, assumed; arrows indicate relative movement)
 - Mylonitic foliation (inclined)
 - Lineament¹ (from air photographs)
 - Marble horizon (defined, assumed)
 - Diamond-drill hole²
 - Mineral occurrence (number refers to NSDNR, Mineral Occurrence Record)
 - Location discussed in NSDNR, Minerals and Energy Branch, Paper 95-2
 - Metamorphic isograds (contains staurolite, kyanite)
 - Waterfalls (approximate height in metres)
- ABBREVIATIONS**
- Epidote ep
 - Mafic dyke MD
 - Muscovite mus
 - Pyrite py
 - Quartz Qtz
 - Sulphide sul
- ¹ Lineaments from Finck, P.W., 1992: Surficial and environmental geology of the western Cape Breton Highlands, Nova Scotia. Nova Scotia Department of Natural Resources, Mines and Energy Branches, Paper 92-1
- ² DDH number (for NTS sheet 11K/07) refers to Nova Scotia Department of Natural Resources diamond-drill hole number. Summary of diamond-drill hole information provided in Nova Scotia Department of Mines and Energy, Open File Report 98-020.



Nova Scotia Department of Natural Resources
Minerals and Energy Branch
Map 95-2, Second Edition
Revised September 1996

Geological Map of a Portion of the
SOUTH-CENTRAL CAPE BRETON HIGHLANDS
(Parts of NTS Map Sheets 11K/07 and 11K/10),
Victoria and Inverness Counties,
Nova Scotia
R.J. Horne
Scale 1:25 000

Nova Scotia Department of Natural Resources
Honourable Eleanor Norrie, Minister
Halifax, Nova Scotia
1996

Canada-Nova Scotia Cooperation
Agreement on Mineral Development
1990-1992

Figure 4 to accompany Nova Scotia Department of Natural Resources, Minerals and Energy Branch, Paper 95-2