

Nova Scotia
Department of
Mines and Energy

MINERAL RESOURCE LAND USE

MAP

OF

LUNENBURG COUNTY

OFM 89-007
(21A/09)

Compiled By

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1989

HONOURABLE JACK Mac ISAAC
MINISTER
JOHN J. LAFFIN, P.ENG., FEIC
DEPUTY MINISTER

SCALE: 1:50 000

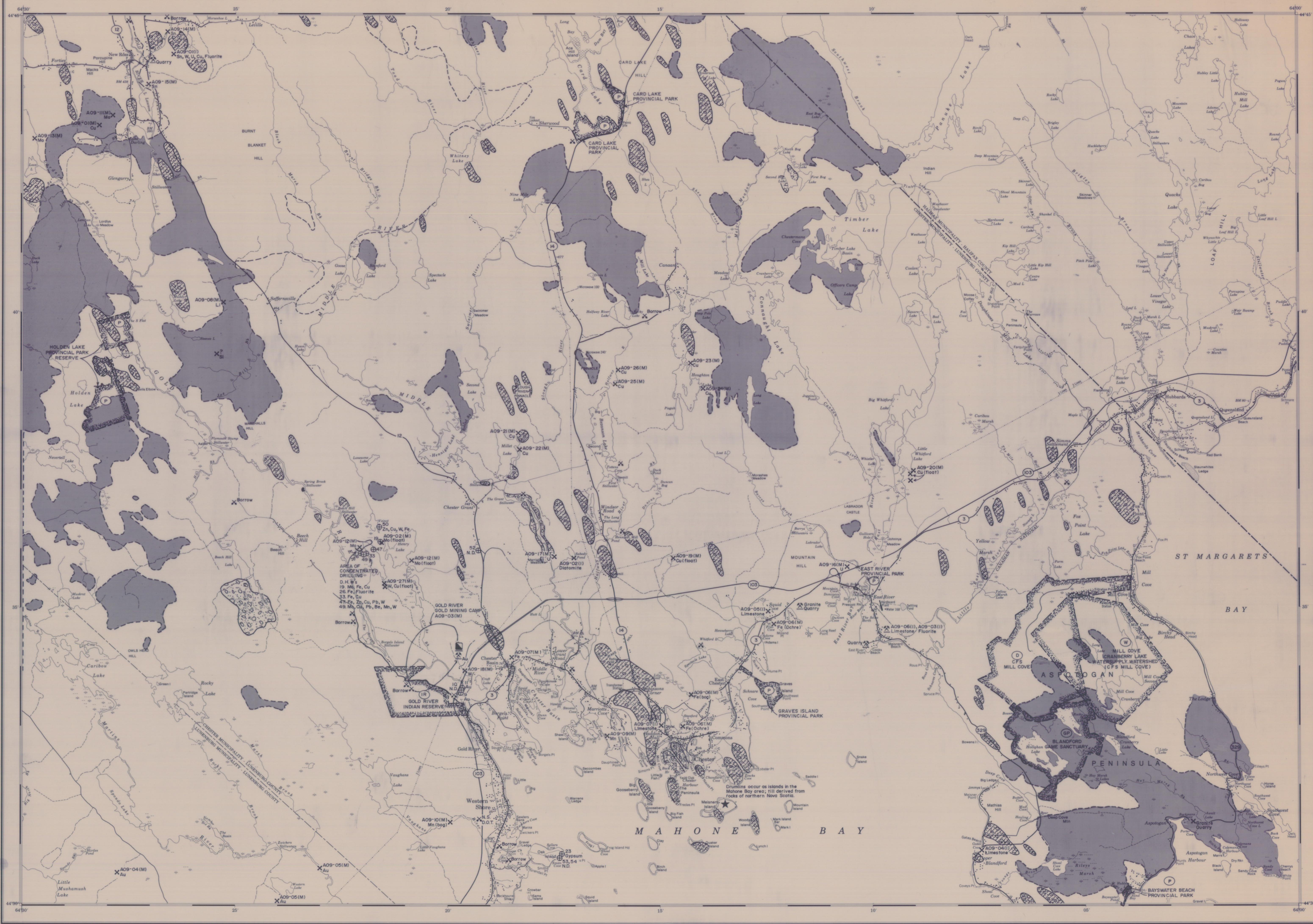
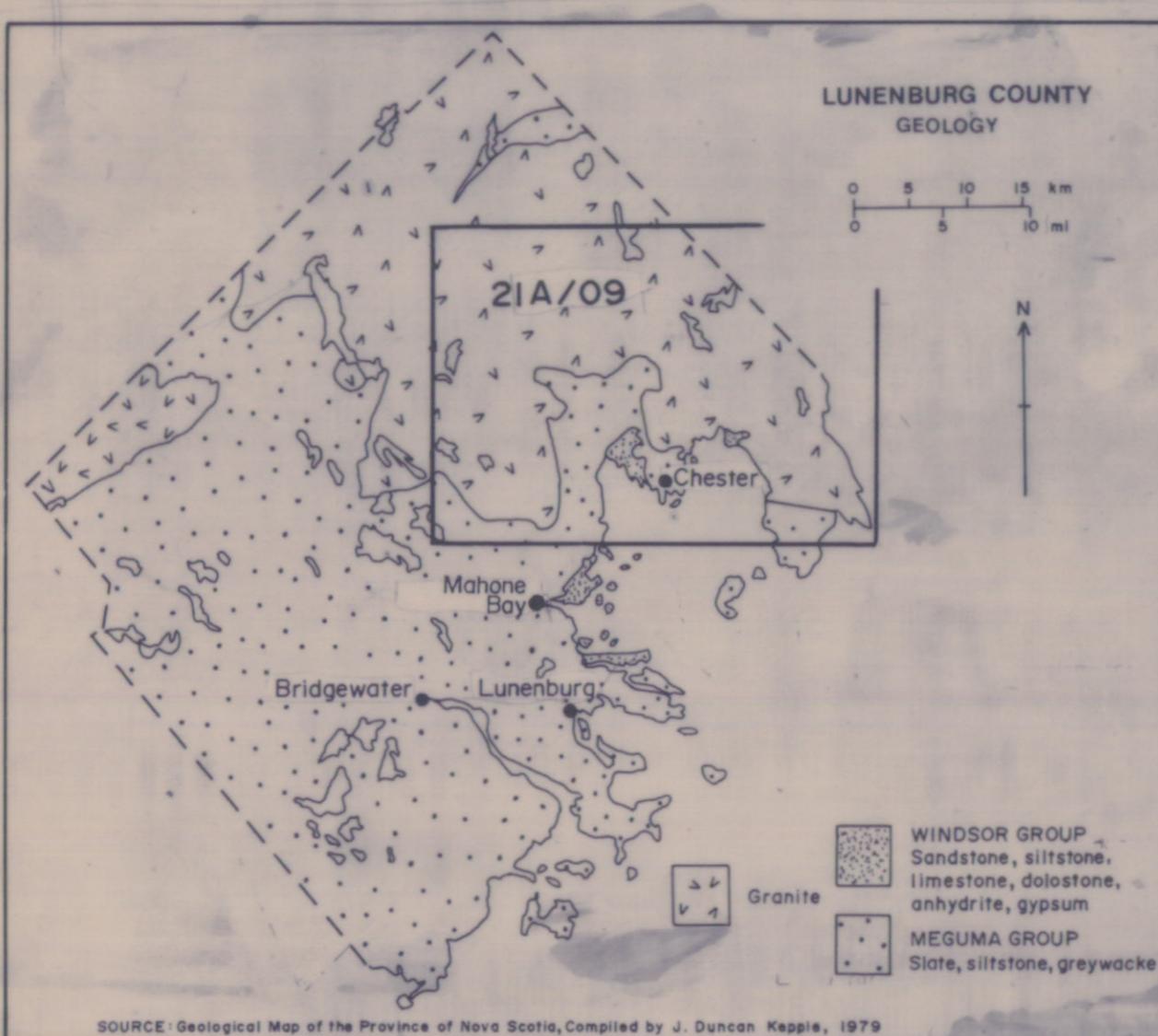
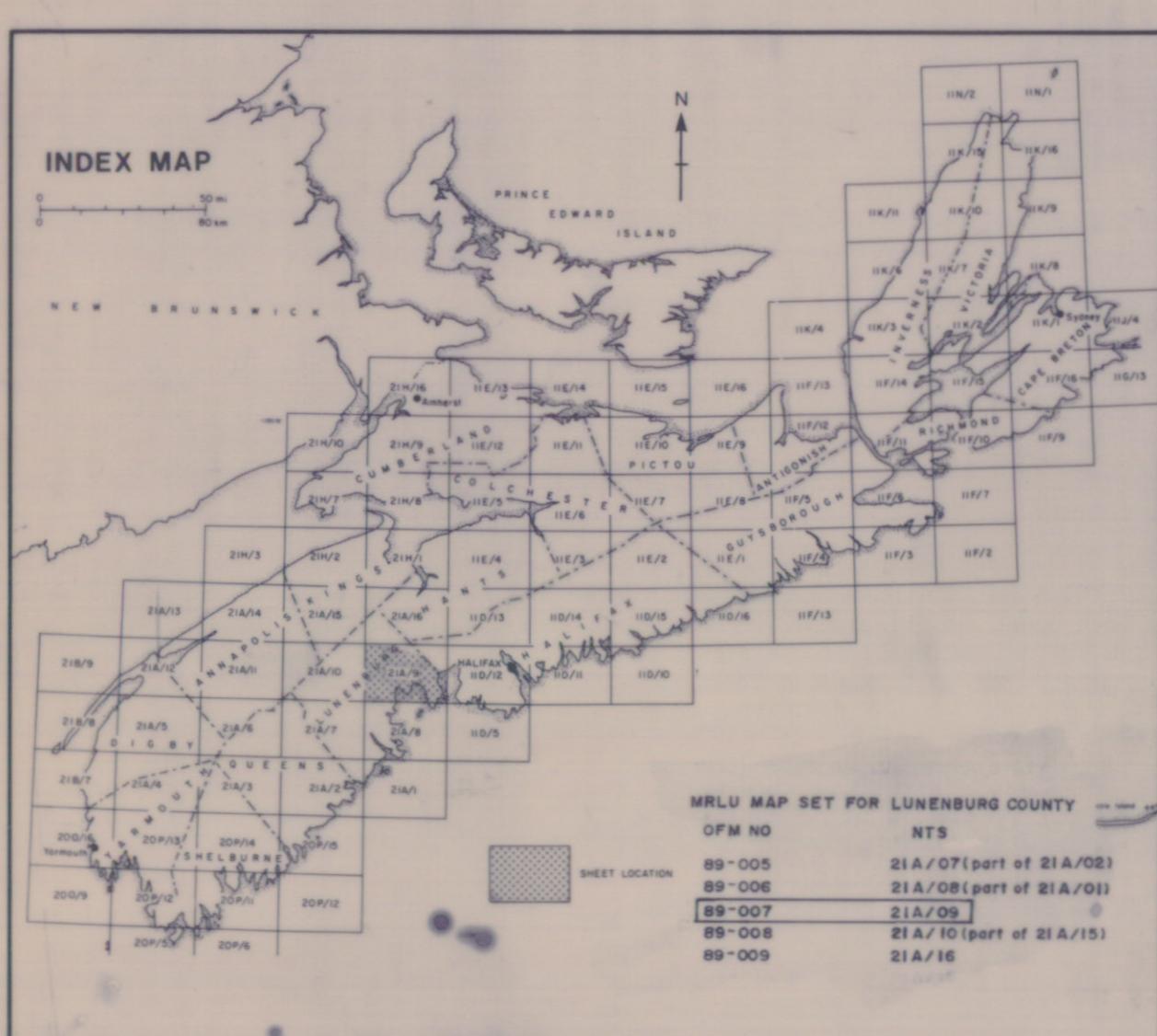
The Nova Scotia Department of Mines and Energy is responsible for the proper management of the Province's mineral and energy resources. Under the Canada-Nova Scotia Mineral Development Agreement, Mines and Energy has initiated a land use planning project aimed at developing a provincial mineral land use policy. The project is to develop a comprehensive database of mineral resource and land use information, and thereby provide the support data required to prepare the policy.

The Mineral Resource Land Use (MRLU) map series is part of that project. These maps provide information about the location and distribution of mineral resources in the Province. They also show areas of existing and potential land uses which affect, either positively or negatively, mineral exploration and mining. The objective behind compiling the MRLU map series is to provide input to resource planning and to establish a basis for identifying and resolving possible conflicts in land use.

The information presented in the MRLU maps is compiled from published and unpublished maps and reports available at Nova Scotia government offices. The data is then combined with other information to provide the spatial relationships between known mineral and energy resources and existing land use activities.

The alpha-numeric codes used to identify mineral and energy occurrences in MRLU maps correspond to a series of resource indexes prepared by this Department. Each MRLU map set has an accompanying handbook which describes each code in detail.

The MRLU map series organizes the information according to Nova Scotia's 18 counties. All MRLU maps are 1:50,000 National Topographic Series. The index map below shows each county and its corresponding set of NTS sheets.



SAND & GRAVEL RESOURCES

- Sand deposit
- Gravel deposit
- Sand & gravel deposit
- Pit (active, abandoned, or active on demand) (operator name given if available)

METALLIC MINERALS

- Metal occurrence
- Mine (active, inactive)
- Sample Inactive mine NSDME Industrial Mineral Commerce Data Card # HD-02 Primary metal - gold
- Sample Active mine NSDME Industrial Mineral Commerce Data Card # HD-02 Primary commodity - gypsum
- Mine tailings
- Gold mining camps **
- Shaft/drift (abandoned)

Metals:	Ag	As	Ba	Br	Cd	Co	Cr	Cu	Fe	Li	Mg	Mn	Mo	Pb	Sn	U	Zn
Dilithole																	ND***

Note: Each dilithole location or area of concentrated drilling will be accompanied by a reference number or range of numbers from the NSDME Dilithole Database, and a listing of the metals found in that location.

*NSDME: N.S. Department of Mines and Energy
**THE TERM GOLD MINING CAMP IS EQUIVALENT TO GOLD DISTRICT
***N.D. - NO DATA

INDUSTRIAL MINERALS

- Mineral/commodity occurrence
- Mine/Quarry (active, inactive)
- Sample Active quarry NSDME Industrial Mineral Commerce Data Card # HD-02 Primary commodity - gypsum
- Mine/Quarry boundary
- Mine tailings
- Peat bog (horizontal peat ≥ 100 ha)

Industrial Minerals & Commodities:	Apatite	Asbestos	Barite	Baryte	Bentonite	Beryl	Boron	Chalcocite	Copper	Gold	Iron	Lead	Magnesium	Manganese	Molybdenum	Phosphate	Pyrite	Rutile	Silica	Titanium	Uranium	Zinc
Dilithole																						

Note: Each dilithole location or area of concentrated drilling will be accompanied by a reference number or range of numbers from the NSDME Dilithole Database, and a listing of the commodities found in that location.

ENERGY RESOURCES

- Coal field boundary (approximate)
- Coal mine (active, inactive)
- Coal seam (approximate, inferred)
- Coal waste bank
- Near surface coal resource (≤ 100 feet below surface)
- Underground coal resource (≥ 100 feet below surface)
- Peat bog (fuel peat ≥ 100 ha)

Oil shale	Surface Petroleum shows
Drillhole	

Note: Each surface petroleum show location will be accompanied by a reference number from the NSDME publication Surface Petroleum Shows Ontario Nova Scotia.

Note: Each drillhole location or area of concentrated drilling will be accompanied by a reference number or range of numbers from the NSDME Drillhole Database, and a listing of the commodities found in that location.

LANDFORMS

- Glaciocluval deposits
- Kames, kame terraces, outwash
- Eskers
- Glaciolacustrine deposits
- Glaciomarine deposits
- Drumlins
- Sink hole, sink hole topography
- Exposed bedrock (or thin till veneer)

GEOLOGICAL POINTS OF INTEREST

Geological points of interest

(*Source: Geological Map of Nova Scotia by Bujak, J.P. and Donohoe, H.V., Jr., 1980. Atlantic Geoscience Society, Special Publication No. 1.)

LAND USE

- Land owned / leased by mining companies
- Note: The following categories are those land uses which completely or partially restrict mineral exploration and mining.
- COMPLETELY RESTRICTED**
- National Defence land
- National park, national historic park, national historic site, heritage canal
- Uranium closure area
- PARTIALLY RESTRICTED**
- Protected beach/protected under the Beaches Preservation and Protection Act
- Ecological protected site (designated under the Special Places Protection Act)
- Game preserve/wildlife management area
- Indian reserve
- Major airport (civilian)
- Preservation area (Peggy Cove and Sherbrooke Village)
- Provincial park (or park reserve)
- Township land
- Watersupply watershed
- Land Use Boundary

COMPILED MARCH, 1989
EDITION I

To accompany Nova Scotia Department of Mines and Energy Information Series No.

MRLU

LUNENBURG COUNTY
SHEET 21A/09