

OFM 88-038
11K/08

Department of Mines and Energy
MINERAL RESOURCE LAND USE
MAP
OF
CAPE BRETON COUNTY
OFM 88 - 038
(11K/08)
Compiled By
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1988
HONOURABLE KEN STREATCH
MINISTER
JOHN J. LAFRANCO, P. ENG., F.E.C.
DEPUTY MINISTER
SCALE: 1:50 000

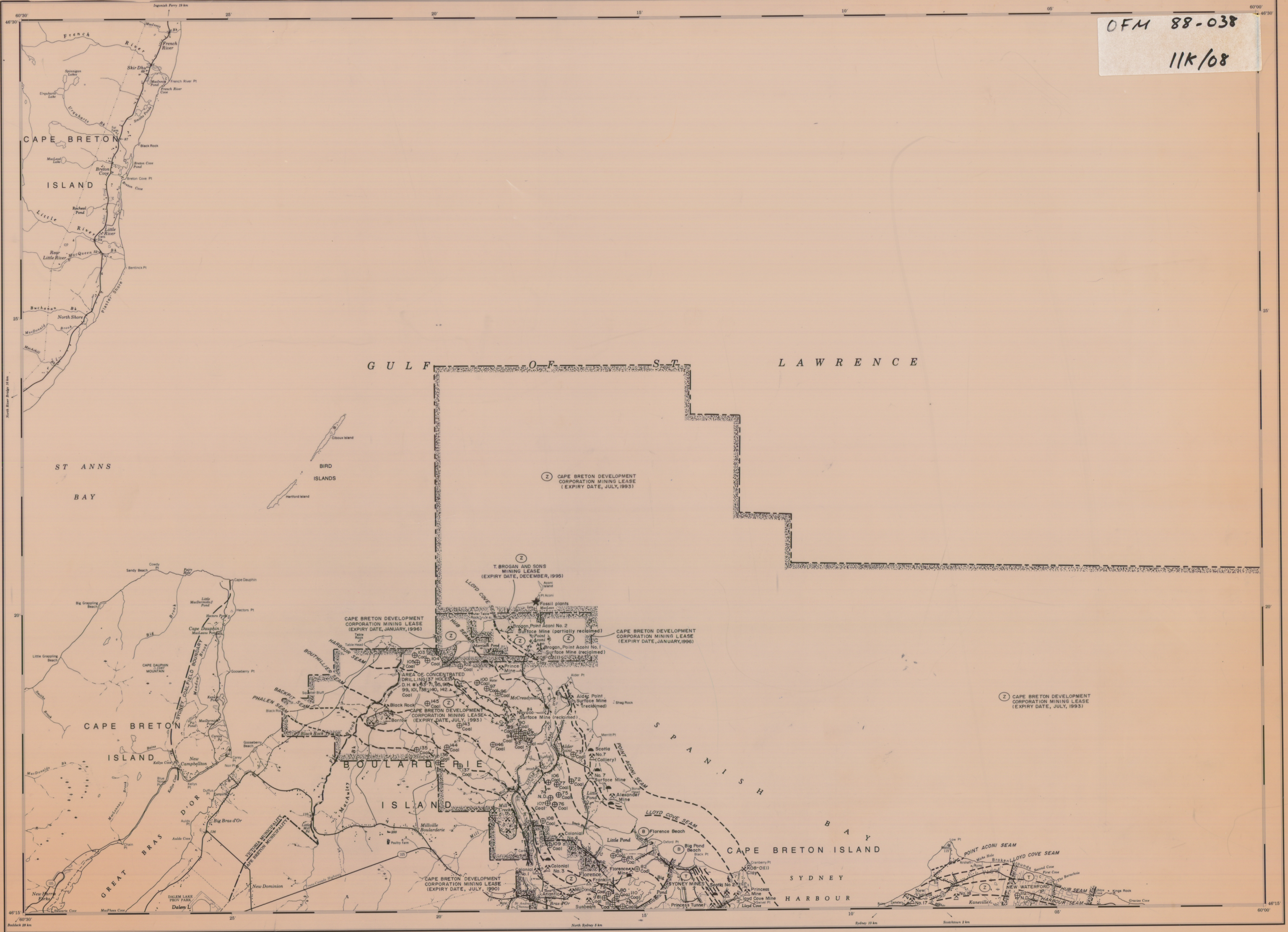
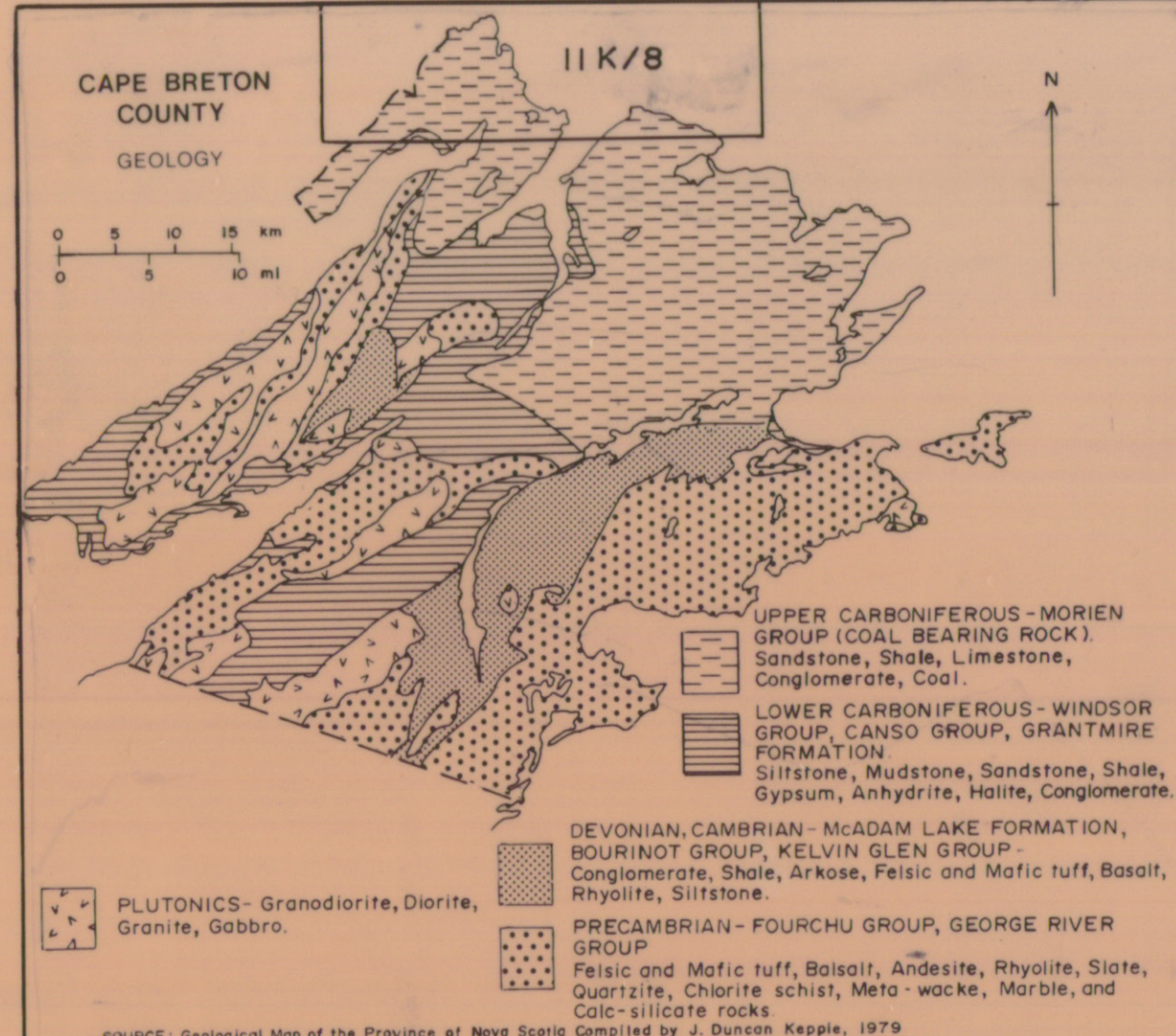
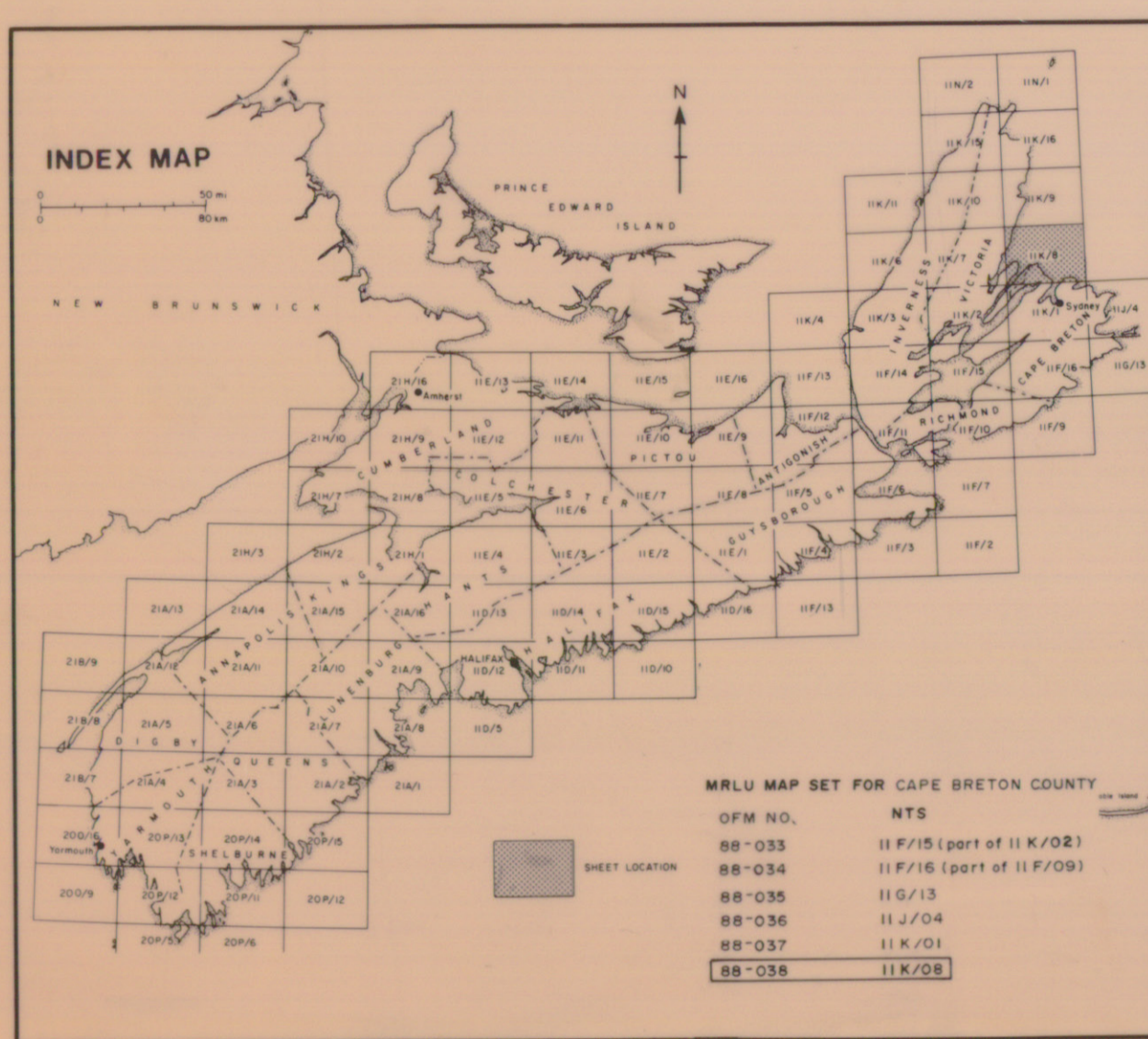
The Nova Scotia Department of Mines and Energy is responsible for the proper management of the Province's mineral and energy resources. Under the Canada-Nova Scotia Mineral Development Agreement, Mines and Energy has initiated a land use planning project aimed at developing a provincial mineral land 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 and energy resources in Nova Scotia. They also show certain 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The information presented on the MRLU maps is compiled from published and unpublished maps and reports available at Nova Scotia Department of Mines and Energy. The maps contain a wide range of topics combined to show 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 150,000 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
- Pt (active, inactive or active on demand) (operator name given, if available)

METALLIC MINERALS

Metal occurrence

Mine (active, inactive)

Mine tailings

Gold mining camp

Shaft(s) (abandoned)

Metals:

Antimony	As	Mercury	Hg
Barium	Ba	Molybdenum	Mo
Bismuth	Bi	Nickel	Ni
Cadmium	Cd	Platinum (group)	Pt
Calcium	Ca	Phosphorus	P
Chromium	Cr	Tantalum	Ta
Cobalt	Co	Tellurium	Te
Copper	Cu	Thorium	Th
Gold	Au	Tin	Sn
Iron	Fe	Vanadium	V
Lead	Pb	Zinc	Zn
Magnesium	Mg	Zirconium	Zr
Manganese	Mn		

Drillhole

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

***N.D. = NO DATA

INDUSTRIAL MINERALS

Mineral/Commodity occurrence

Mine/Quarry (active, inactive)

Mine/Quarry boundary

Mine tailings

Peat bog (horticultural peat ≥ 100 ha)

Industrial Minerals & Commodities:

Alumina	Dolomite	Marl
Asbestos	Enstatite	Mea
Barite	Fluorite	Perlite
Bauxite	Gypsum	Pyrite (native)
Bentonite	Hematite	Sandstone
Calcium sulfate	Ilmenite	Serpentine
Chalk	Iron ore	Shale
Clay	Lead ore	Shale (argillaceous)
Coal	Limestone	Shale (argillaceous, quartziferous)
Coal (bituminous)	Limestone (crystalline)	Shale (argillaceous, siliceous)
Coal (subbituminous)	Marble	Shale (argillaceous, siliceous, quartziferous)
Coal (lignite)	Mica	Shale (argillaceous, siliceous, quartziferous, calcareous)
Coal (lignite)	Mica	Shale (argillaceous, siliceous, quartziferous, calcareous, bituminous)
Coal (lignite)	Mica	Shale (argillaceous, siliceous, quartziferous, calcareous, bituminous, bituminous)

Drillhole

Note: Each drillhole location or area of concentrated drilling will be accompanied by a reference number or range of numbers from the NSDME's Database, and by a listing of the commodities found at 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 oil shale location will be accompanied by a reference number from the NSDME's Database. The Evaluation of Nova Scotia's Peat Resources.

Note: Each surface petroleum show location will be accompanied by a reference number from the NSDME's Database. Surface Petroleum Shows Occurrence Data.

Note: Each petroleum well location will be accompanied by a reference number from the NSDME's Database. Publication Information.

Note: Each surface petroleum show location will be accompanied by a reference number from the NSDME's Database. Publication Information.

LANDFORMS

Glaciofluvial deposits

Glacioterraces, outwash

Eskers

Glaciolacustrine deposits

Glaciomarine deposits

Drumlines

Sink hole, sink hole topography

Exposed bedrock (or thin till veneer)

GEOLOGICAL POINTS OF INTEREST

Geological points of interest

(Source: Geological Highways 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 (designated under the Beaches Preservation and Protection Act)

Ecological site/protected site (designated under the Special Places Protection Act)

Game preserve/wildlife management area

Indian reserve

Major airport (civilian)

Preservation area (Peggys Cove and Sherbrooke Village)

Provincial park (or park reserve ≥ 2 km²)

Township land

Watership watershed

Land Use Boundary