MINERAL RESOURCE LAND-USE MAP **OF THE HOPEWELL AREA (11E/7) (1:50 000)**

OFM ME 2000-4 (11E/7) Version 2

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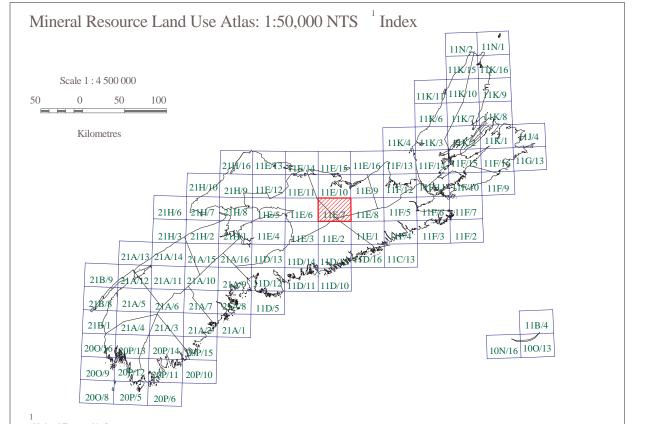
11E/7 Hopewell

Scale 1:50 000 0 1000 2000

A total of 98 planimetric (1:50 000 scale) Mineral Resource Land-Use (MRLU) maps combine to form a thematic atlas, which covers the province of Nova Scotia including all near-shore islands and Sable Island. The main purpose in preparing this Atlas is to provide the public with a single geographic compilation of mineral resource and related land-use information at a reasonably detailed scale. A key objective is to create a useful reference for

The MRLU maps display the location and destribution of mineral and energy resources and related activities as well as aspects of environmental geology that relate to land-use and environmental planning. Special land-use designations on Crown and some privately-owned land are shown to indicate how Nova Scotia's land base varies regarding the ability of mineral resource interests to access land and hold secure tenure. Please note: Because these maps were compiled from many different data sources with different scales and projections, some of the

Over the course of developing this project, several compilers have contributed to the preparation of these maps, which involved gathering and organizing data from databases managed by the department as well as other government departments, agencies and non-government organizations. The manual compilers include: David Hopper, Cheryl Dobson, Geoffrey Katz, Hugh Gillis, Fred Bonner, Janet Webster, and Mai Ngyen. The digital compilers include: Fred Bonner, Brian Fisher, Beth Wile, Lisa Hills, Angela Murphy and Jeffrey McKinnon. Orders for maps and data layers should be directed to: Nova Scotia Department of Natural Resources, Library, PO Box 698, Halifax, Nova Scotia, B3J 2T9. Telephone: (902) 424-8188; Fax: (902) 424-3375; E-Mail: nsdnrlib@gov.ns.ca



References and Notes

See: http://www.gov.ns.ca/natr/meb/pubs3.htm#databases ²Claim Reference Maps, Mineral and Petroleum Titles, NSDNR, undated. Scale 1:31 680.

⁶Aggregate Potential of Cumberland and Colchester Counties, 14 Preliminary Map Sheets. G. Prime, 1991. NSDNR OFM ME 1991-5 to OFM ME 1991-18. Scale 1:50 000.

⁸Digital data set provided by NSDNR, Mineral Development and Policy Section.

See: http://www.gov.ns.ca/natr/meb/pubs2.htm#is

See: http://www.gov.ns.ca/natr/meb/pubs3.htm#databases ¹³Geological Map of the Province of Nova Scotia. J. D. Keppie, 2000. NSDNR Map ME 2000-1. Scale 1:500 000. ¹⁴Units showing sulphide bearing slates are mainly Halifax Formation rocks which may contain bands of

¹⁵Units showing potential karst areas are mainly (early Windsor Formation rocks) comprised of gypsum, anhydrite and limestone which under certain conditions can develop sinkholes).

See: http://www.gov.ns.ca/natr/meb/pubs3.htm#maps

¹⁷Digital Data set provided by Service Nova Scotia & Municipal Relations, Nova Scotia Geomatics Centre, and Department of Environment and Labour.

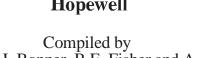
Scale 1:640 000, NSDNR, OP ME 1989-1 (Atlantic Geoscience Society, Special Publication Number 1). (Note: the sites shown are meant to provide additional information for ecotour promotion. ¹⁹Simplified geological map showing the distribution of igneous, sedimentary and metamorphic rocks of Nova Scotia, Bonner, F.J., Fisher, B.E., and Hopper, D.B., 2000. Map in progress, scale 1:500 000.

²⁰Data sets digitized from maps provided by the Canadian Department of National Defense. ²¹Data set provided by the Nova Scotia Department of Agriculture and Fisheries. ** ²²⁻²⁸Restricted and Limited Use Land Database, NSDNR. Digital Data Product DP DNR 002, 2002. See http://www.gov.ns.ca/natr/meb/DOWNLOAD/rlul.htm; data provided by:

²³Nova Scotia Department of Environment and Labour, Protected Areas Division. ²⁴NSDNR, Land Services Branch, Surveys Division.

²⁷NSDNR and Canadian Wildlife Services.

²⁹NSDNR, Mineral Resources Branch.



Compiled by D.B. Hopper, F.J. Bonner, B.E. Fisher and A.N. Murphy Halifax, Nova Scotia

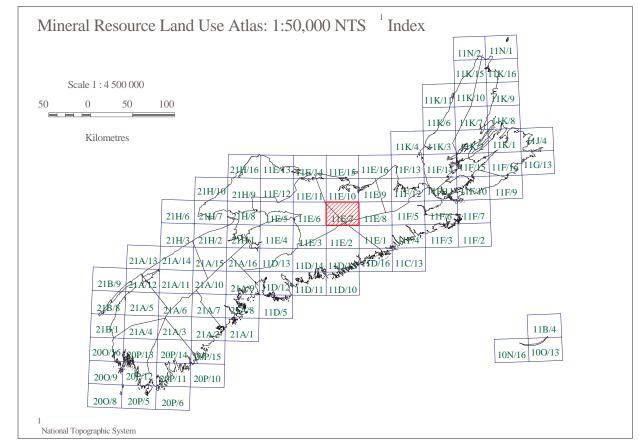
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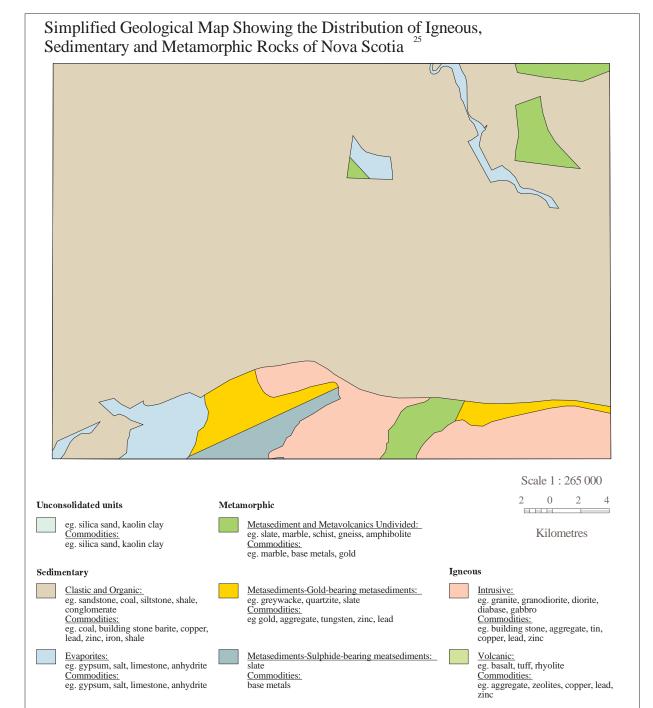
practitioners working in land-use and environmental planning, geotechnical firms and groups involved in community

overlapping thematic data appears "shifted" relative to each other.

Base data derived from the Nova Scotia Topographic Database (NSTDB). Copyright Her Majesty the Queen in Right of the Province of Nova Scotia. The NSTDB is is available from the Service Nova Scotia & Municipal Relations, Nova Scotia Geomatics Centre (NSGC), Amherst, Nova Scotia. This map was generated from information stored in the Mineral Resources Branch (MRB) Geographic Information System of the Nova Scotia Department of Natural Resources (NSDNR).

The thematic information shown on this map came from many different government and non-government sources The NSDNR accepts no liability for errors, deficiencies or faults on the map. Since land-use information is dynamic and subject to change over time, updated versions of this map will be provided in the future. This map should not be used for legal purposes and should only be used at the scale portrayed on the map.







³Gold and iron districts are no longer a legal entity, although the term is still used in the literature, and so the former surveyed district boundaries are not shown. Instead a polygon is shown to flag the former mining camps and encompass most of the historic underground workings and related mineral occurrences. Digital data set provided by NSDNR, Mineral Resources Branch.

⁴Evaluation of Nova Scotia's Peatland Resources. A.R. Anderson and W. A. Broughm, 1988. NSDNR Bulletin ME 6 pp109 and 3 maps, scale 1:250 000. ⁵Aggregate Resources Map, Cape Breton Island. W.J. Wright, 1985. NSDNR Maps ME 1985-3, 1985-4, 1985-5 and 1985-6. Scale 1:125 000(locates and shows the type, quality and observed thickness of sand and gravel deposits).

⁹Surface Petroleum Shows, Onshore Nova Scotia. G. Short, 1986. NSDNR IS ME 11. March 1986, pp33.

Sand and Gravel Occurrences of Nova Scotia. J.F. Fowler and G.B. Dickie, 1978. NSDNR OFR 378

¹⁰Petroleum Wells and Drillholes with Petroleum Significance, Onshore Nova Scotia. P.G. McMahon, G. Short, and D. Walker, 1986. NSDNR IS ME 10. pp194. See: http://www.gov.ns.ca/natr/meb/is/is10.htm ¹¹Abandoned Mine Openings Database, NSDNR, 1999. Digital Geoscience Data Product DP 010. Version 2, 2000. See: http://www.gov.ns.ca/natr/meb/pubs3.htm#databases ¹²Drillhole database. NSDNR 2000. Digital Geoscience Data Product DP 003. Drillholes database, Version 2, 2000. Drillholes plotted include only those holes with lithologic logs or overburden thicknesses.

Digital Geoscience Data Product D00-01, Version 1, 2000. See: http://www.gov.ns.ca/natr/meb/pubs3.htm#maps arsenic-bearing slate which will likely produce acid drainage.

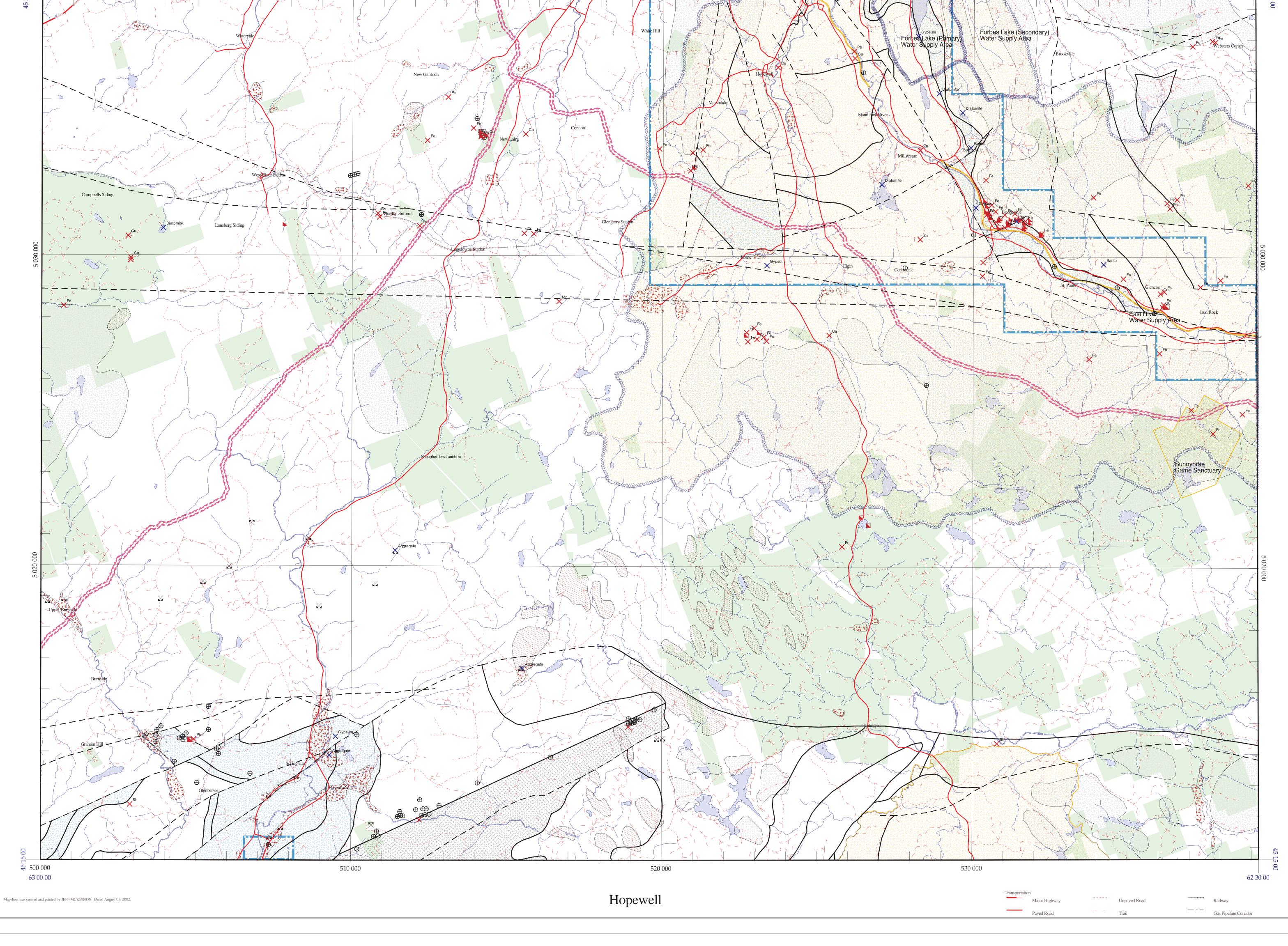
¹⁶Surficial Geology Map of the Province of Nova Scotia. R.R. Stea,, H. Conley and Y. Brown. 1992. NSDNR Map ME 1992-3, scale 1:500 000.Digital Geoscience Data Product D92-03, Version 1, 2000.

¹⁸Geological Highway Map of Nova Scotia, Second Edition. H.V. Donohoe, Jr., and R. G. Grantham, 1989.

²²NSDNR, Renewable Resources Branch, Parks and Recreation Division.

²⁵Parks Canada

²⁶NSDNR, Renewable Resources Branch, Wildlife Division. ²⁸Nature Conservancy of Canada.



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