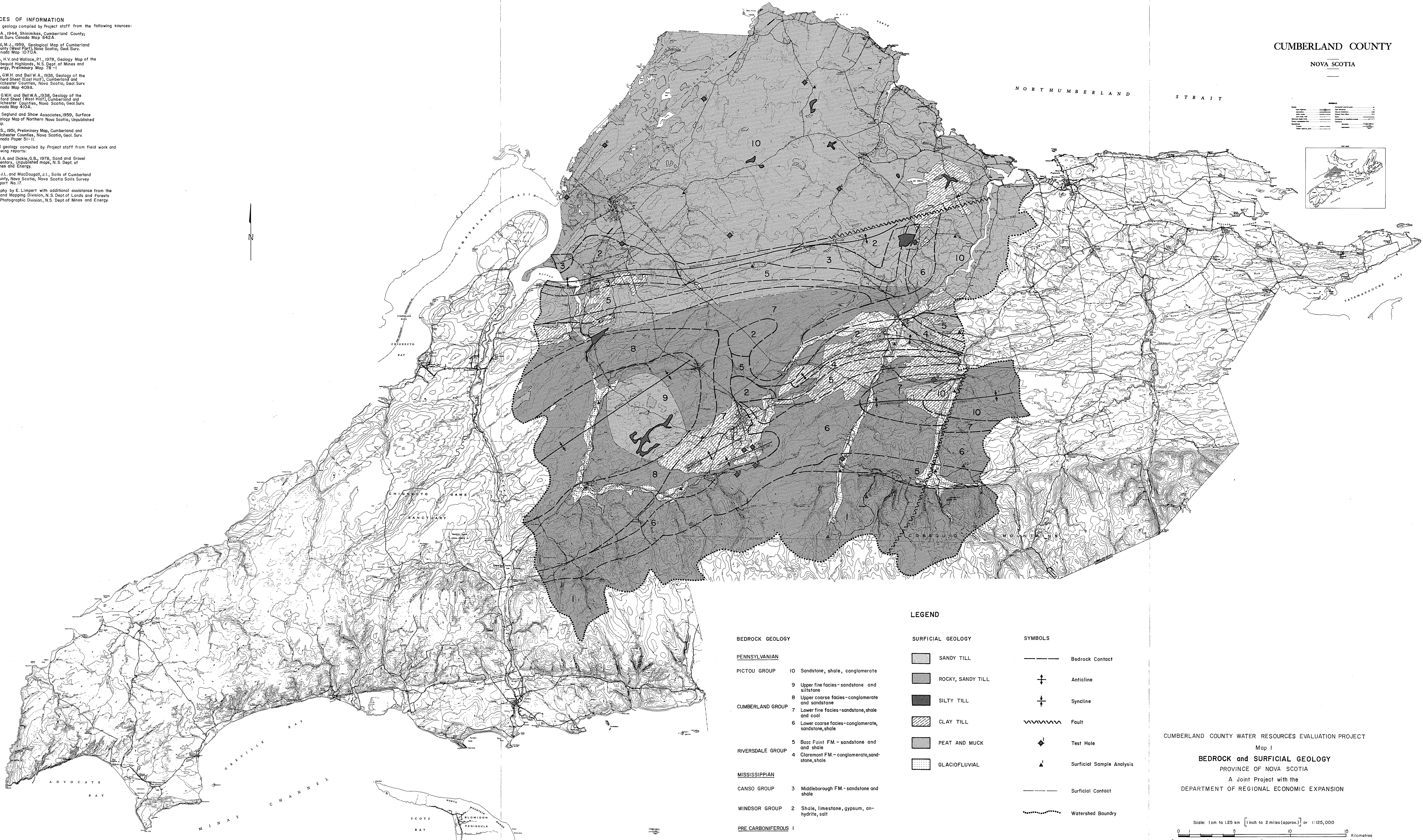
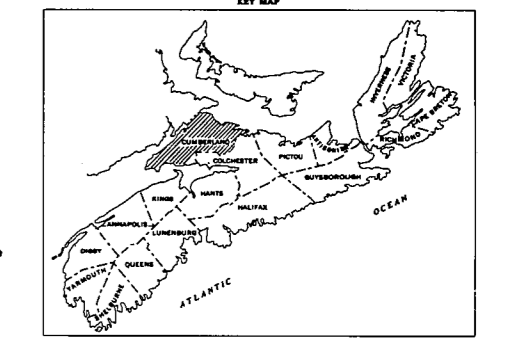


SOURCES OF INFORMATION

- Bedrock geology compiled by Project staff from the following sources:
- 1 Bell, W.A., 1944, Shimikita, Cumberland County, Geol. Surv. Canada Map 842A.
 - 2 Copeland, M.J., 1959, Geological Map of Cumberland County (West Part), Nova Scotia, Geol. Surv. Canada Map 1070A.
 - 3 Donohoe, H.V. and Wallace, P.J., 1978, Geology Map of the Colchester Highlands, N.S. Dept. of Mines and Energy, Preliminary Map 78-1.
 - 4 Norman, G.W.H. and Bell W.A., 1938, Geology of the Oxford Sheet (East Part), Cumberland and Colchester Counties, Nova Scotia, Geol. Surv. Canada Map 409A.
 - 5 Norman, G.W.H. and Bell W.A., 1938, Geology of the Oxford Sheet (West Part), Cumberland and Colchester Counties, Nova Scotia, Geol. Surv. Canada Map 410A.
 - 6 Rodgers, Seglund and Shaw Associates, 1959, Surface Geology Map of Northern Nova Scotia, Unpublished map.
 - 7 Shaw, W.S., 1951, Preliminary Map, Cumberland and Colchester Counties, Nova Scotia, Geol. Surv. Canada Paper 51-11.
- Surficial geology compiled by Project staff from field work and the following reports:
- 1 Fowler, J.A. and Dickie, G.B., 1978, Sand and Gravel Inventory, Unpublished maps, N.S. Dept. of Mines and Energy.
 - 2 Nowand, J.L. and MacDougall, J.L., Soils of Cumberland County, Nova Scotia, Nova Scotia Soils Survey Report No. 17.
- Cartography by E. Limpert with additional assistance from the Surveys and Mapping Division, N.S. Dept. of Lands and Forests and the Photographic Division, N.S. Dept. of Mines and Energy.

CUMBERLAND COUNTY
NOVA SCOTIA

1:25,000	1:50,000	1:100,000	1:200,000
1:500,000	1:1,000,000	1:2,000,000	1:5,000,000



BEDROCK GEOLOGY

- PENNSYLVANIAN**
- PICTOU GROUP**
- 10 Sandstone, shale, conglomerate
 - 9 Upper fine facies - sandstone and siltstone
 - 8 Upper coarse facies - conglomerate and sandstone
- CUMBERLAND GROUP**
- 7 Lower fine facies - sandstone, shale and coal
 - 6 Lower coarse facies - conglomerate, sandstone, shale
- RIVERSDALE GROUP**
- 5 Bass Falls FM. - sandstone and shale
 - 4 Claremont FM. - conglomerate, sandstone, shale
- MISSISSIPPIAN**
- CANSO GROUP**
- 3 Middleborough FM. - sandstone and shale
- WINDSOR GROUP**
- 2 Shale, limestone, gypsum, anhydrite, salt
- PRE CARBONIFEROUS I**
- SILURIAN, DEVONIAN TO CARBONIFEROUS**
- Igneous rocks ranging from granite to diorite, metasediment and metavolcanics.

SURFICIAL GEOLOGY

- SANDY TILL
- ROCKY, SANDY TILL
- SILTY TILL
- CLAY TILL
- PEAT AND MUCK
- GLACIOFLUVIAL

SYMBOLS

- Bedrock Contact
- Anticline
- Syncline
- Fault
- Test Hole
- Surficial Sample Analysis
- Surficial Contact
- Watershed Boundary

CUMBERLAND COUNTY WATER RESOURCES EVALUATION PROJECT
Map 1
BEDROCK and SURFICIAL GEOLOGY
PROVINCE OF NOVA SCOTIA
A Joint Project with the
DEPARTMENT OF REGIONAL ECONOMIC EXPANSION

