

MAP NOTES

Universal Transverse Mercator (UTM) Projection, Zone 20, Central Meridian 63°00' West.

North American Datum (NAD) 1983.

Base and digital elevation 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 available from Service Nova Scotia and Municipal Relations (SNSMR), Land Information Services Division (LIS), Nova Scotia Geomatics Centre (NSGC), Amherst, Nova Scotia.

Contribution to the Natural Resources Canada and Nova Scotia Department of Natural Resources joint project 'Geological Mapping for Mineral Development, South-central Cape Breton Island', part of Natural Resources Canada's Targeted Geoscience Initiative 2000-2003.

DISCLAIMER

The information on this map may have come from a variety of government and non-government sources. The Nova Scotia Department of Natural Resources does not assume any liability for errors that may occur.

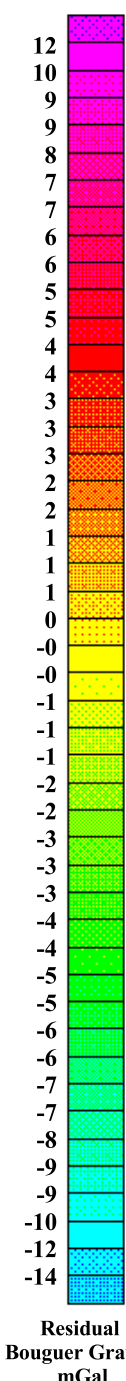
This map was printed using dye-based inks which are subject to fading. It is recommended that you store out of direct light when not in use to lengthen life of product.

REFERENCE

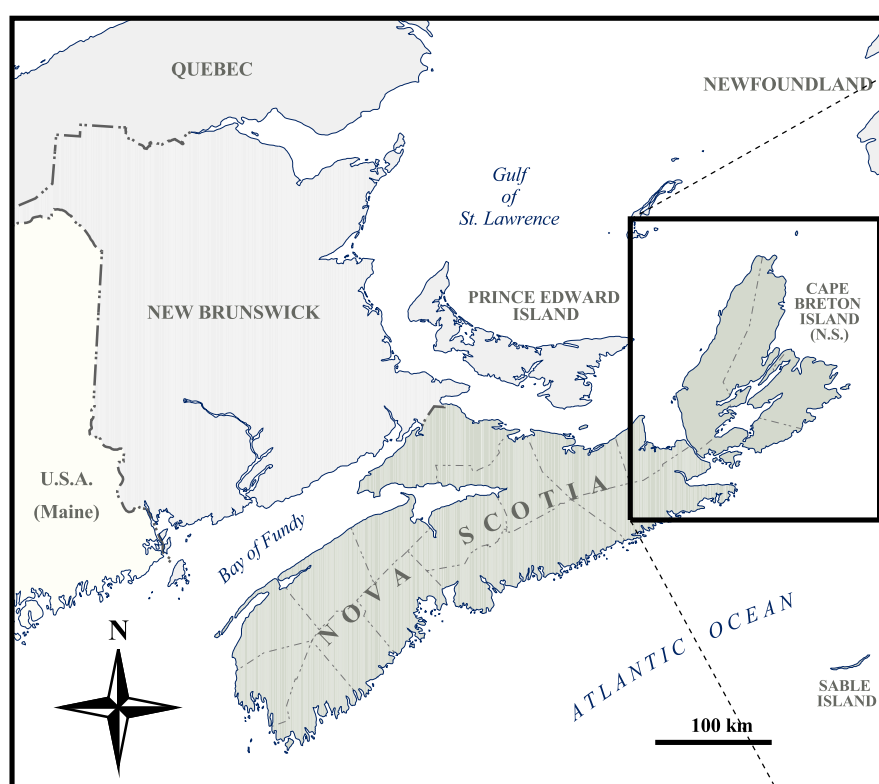
For more information on this map series, refer to:
 King, M. S. 2003: Report on potential field modelling project, Targeted Geoscience Initiative, Cansborough, Inverness, Richmond and Victoria Counties (NS 11F/10, 11, 14, 15, and 11K/02), south-central Cape Breton Island, Nova Scotia; Nova Scotia Department of Natural Resources, Mineral Resources Branch, Open File Report ME 2003-3.

RESIDUAL BOUGUER GRAVITY

The Residual Bouguer gravity map image was produced from digital data compiled by Howells and Clarke (1995). This image was derived from the Bouguer gravity by subtracting long-wavelength (8-10 km) gridded data from the total field grid to enhance more shallow features. Ground gravity station spacing limits the grid cell size and spatial resolution to 500 m or greater in regional map products. More detailed images may be generated by utilizing local detailed survey data contained in the regional data set. Gravity station spacing within this area is variable and artifacts related to station spacing may be present in the final gridded image. The 24-bit colour map image was produced with a 25 m pixel size at 1:50 000 scale. Shading was from the southeast at 35° above the horizon. For complete details please refer to Open File Report ME 2003-3 by King.

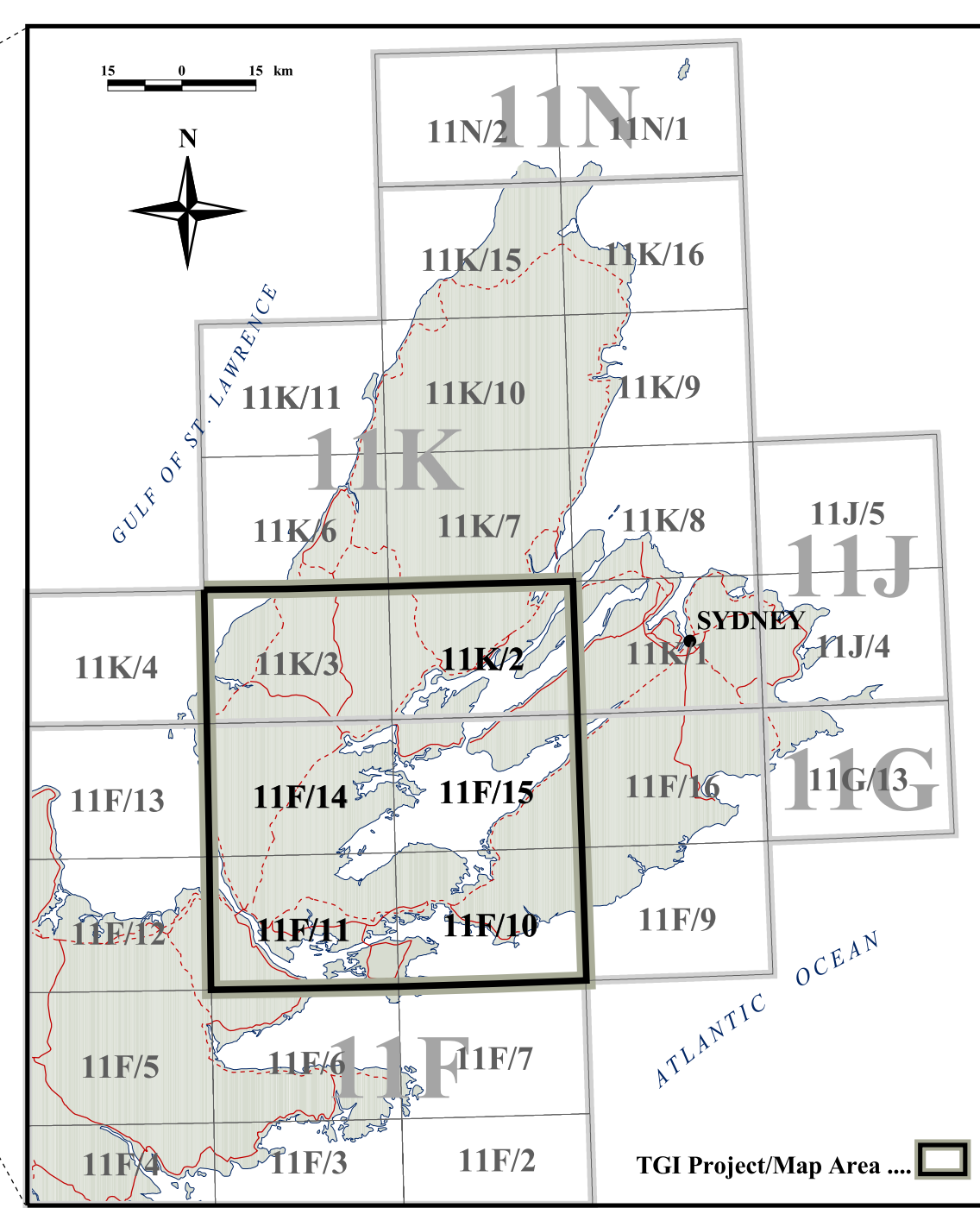


REGIONAL KEY MAP

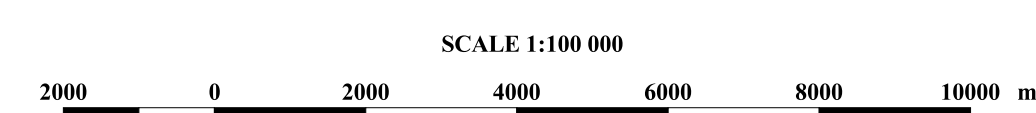


LEGEND

- Settlement
- Spot Elevation (m)
- Gravity Station
- Trans Canada Highway
- 100 Series Highway
- Trunk Highway
- Collector Highway
- Hard Surface Road
- Lower Surface Road
- Cart Track
- Resource Access Road
- Railway Active
- Railway Inactive
- County Boundary
- Dam
- Coast/Lake/River
- Swamp
- Topographic Contour (10 m interval)



Residual Bouguer Gravity Map for part of the Targeted Geoscience Initiative Project Area, South-central Cape Breton Island, Nova Scotia



Nova Scotia Department of Natural Resources
 Mineral Resources Branch
 Open File Map ME 2003-37
 M. S. King
 Halifax, Nova Scotia
 2003



RECOMMENDED CITATION

King, M. S. 2003: Residual Bouguer gravity map for part of the Targeted Geoscience Initiative Project Area, South-central Cape Breton Island, Nova Scotia; Nova Scotia Department of Natural Resources, Mineral Resources Branch, Open File Map ME 2003-37, scale 1:100 000.