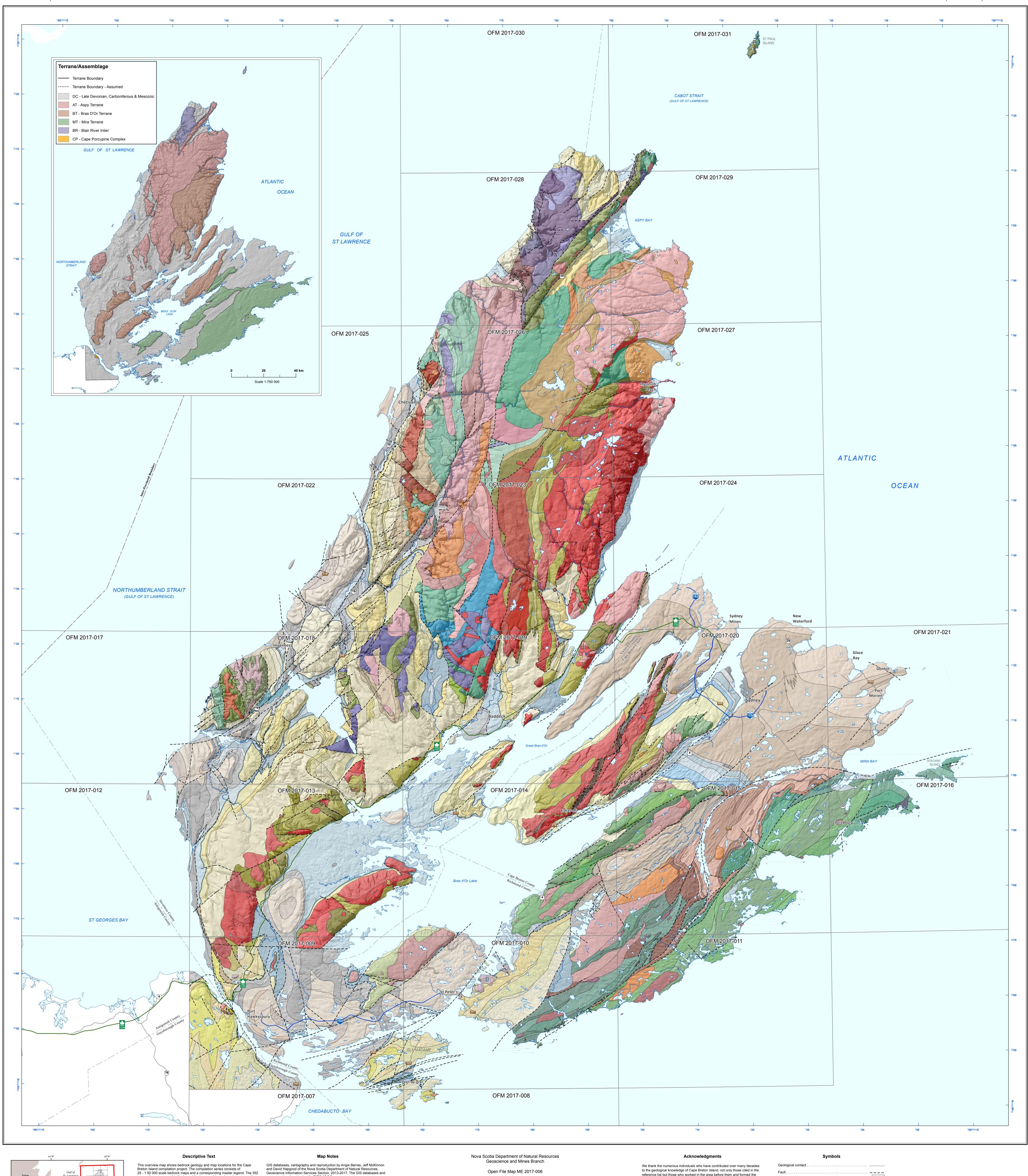
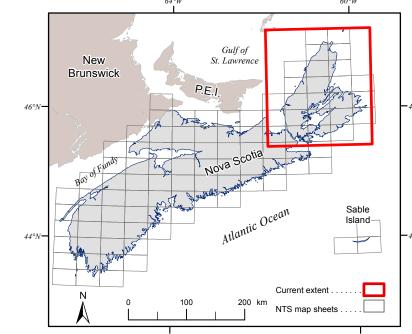
Nova Scotia Department of Natural Resources Open File Map ME 2017-006





map units are arranged in the legend in six assemblages based on age and/or terrane as displayed in the inset map above. A seamless digital data product is available via download or online map service (DP 433). Details of the geology are displayed on the Open File Maps 2017-007 to 2017-031 and in the digital product. Each map contains a brief legend, listing the units on that map arranged by age and/or terrane assemblage. Detailed unit descriptions are provided on the master legend (Open File Illustration 2017-001).

North American Datum (NAD) 1983 Canadian Spatial Reference System (CSRS) 98. to reconcile that information across Cape Breton Island, to remove duplicate names, or to re-interpret areas of geological inconsistencies that are not the work of the compilers.

Shaded relief image derived from a 25 m digital elevation model of the Province of Nova Scotia, DP ME 56, version 2, 2006. Azimuth of 315°, sun angle of 45°

The information on this map may have come from a variety of government and nongovernment sources. The Nova Scotia Department of Natural Resources

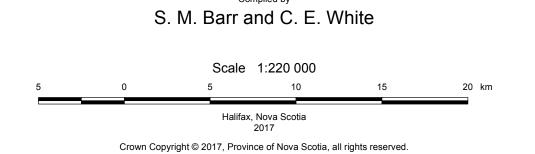
does not assume any liability for errors that may occur. This map is intended for use as an index map only. Not for use as a geological map at 1:220 000 scale.

map were developed using ArcGIS® 10.2.2. Universal Transverse Mercator Projection (UTM), Zone 20, Central Meridian Map information was compiled from many sources, and a complete source list is available in Open File Report 2017-002. In compiling the maps and legend, unit names and ages were taken mainly from the source references, with no attempt to reconcile that information agrees Cane Protect Island. The midstation 2017-001.

Base and digital 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 the Department of Internal Services, Nova Scotia Geomatics Centre (NSGC), Amherst, Nova Scotia.

and a vertical exaggeration of 5.

Overview Map Showing Locations of Bedrock Geology Maps for Cape Breton Island, Nova Scotia



reference list but those who worked in the area before them and formed the basis for their work. We especially acknowledge and thank Becky Jamieson, Alan Macdonald and Rob Raeside for their contributions to mapping and their insightful discussions about Cape Breton Island geology. Karen Johnston, Dallas MacIsaac, and Christa Pufahl did much of the digitizing of original field locations from 1:10 000 orthophoto base maps. We thank Angie Barras, David Hapgood and Jeff McKinnon for their help in producing these maps and the associated databases. Sandra Barr acknowledges the long-term support of her employer, Acadia University, in her research in Cape Breton Island, and that of the Natural Sciences and Engineering Research Council of Canada. We thank Rob Raeside for reviewing the maps and providing many helpful comments.

Recommended Citation Barr, S. M. and White, C. E. 2017: Overview map showing locations of bedrock geology maps for Cape Breton Island, Nova Scotia; Nova Scotia Department of Natural Resources, Geoscience and Mines Branch, Open File Map ME 2017-006, scale 1:220 000.

Map series index . . Trans Canada highway . Arterial highway (CT = Cabot Trail, Hwy 30). . Collector highway . . Boundary (county, inter-provincial) . . Lake, ocean . . Selected References

For a complete list of references please refer to Open File Report ME 2017-002.

Barr, S. M. and White, C. E. 2017: List of compilation sources for bedrock geology maps of Cape Breton Island, Nova Scotia (Open File Maps ME 2017-006 to 2017-031); Nova Scotia Department of Natural Resources,

Open File Report ME 2017-002, 7 p.

Open File Map ME 2017-006 June 16, 2017