
























LEGEND

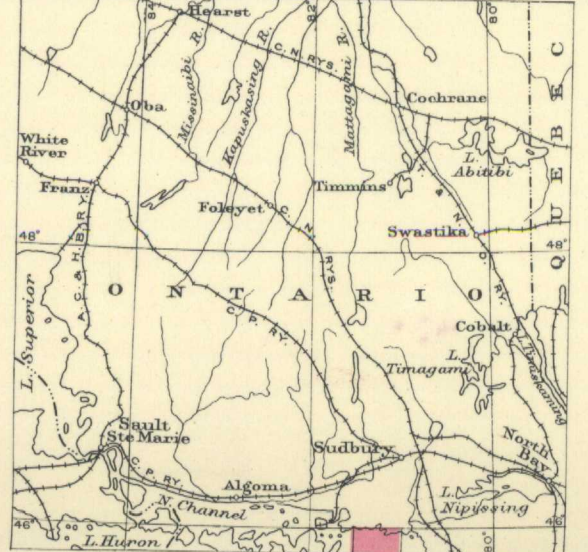
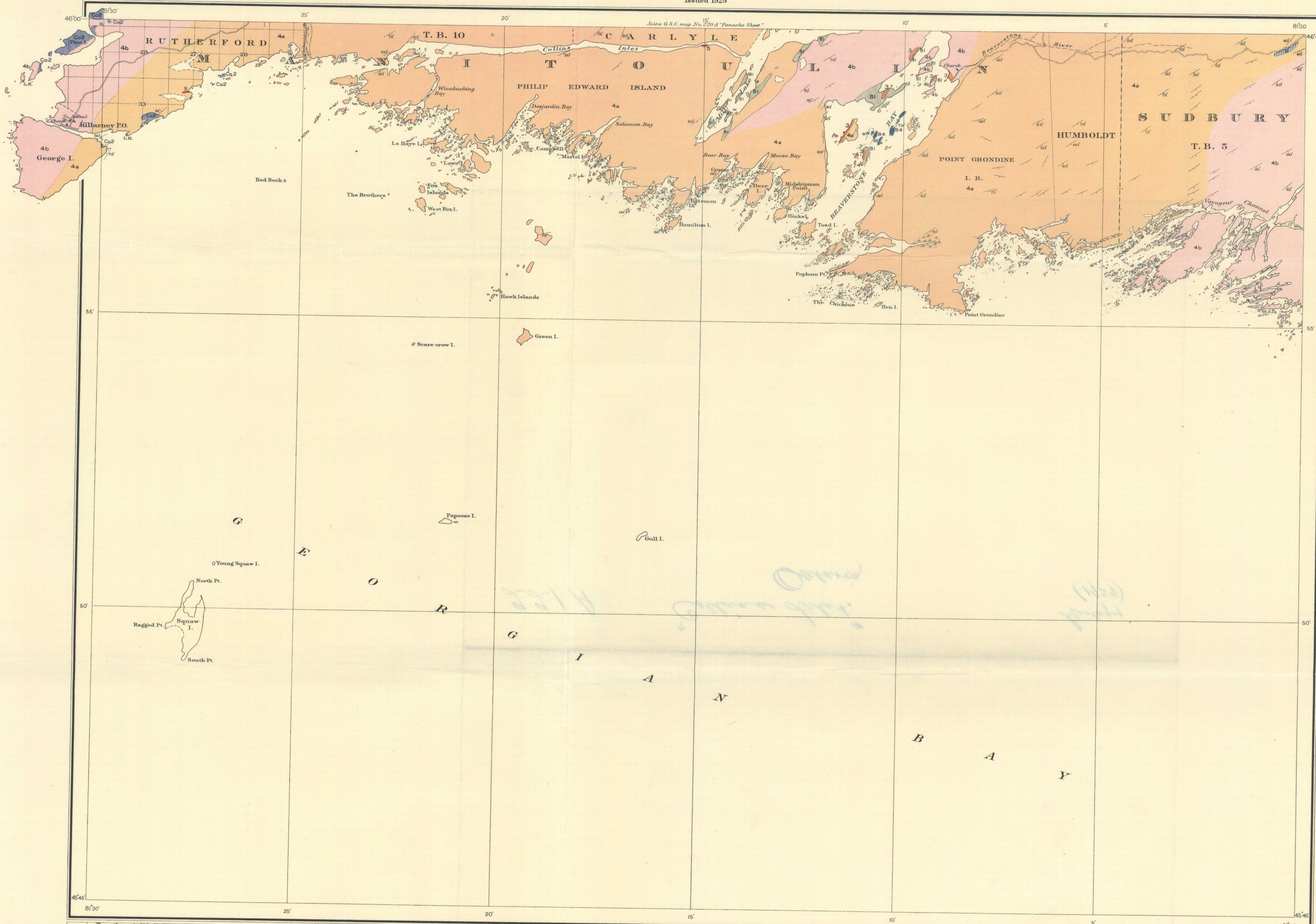
-  5 Dykes of olivine-bearing diabase
- KILLARNEAN BATHOLITHIC INTRUSIVES**
-  4c Dioritic phase
-  4b Granite and quartz-syenite
-  4a Stratiform mixture of pink and grey paragneisses and orthogneisses. The orthogneisses are closely related to 4b above; the paragneisses are, in considerable part at least, metamorphosed equivalents of the Huronian formations
- BASIC INTRUSIVES**
-  3 Sills and dykes of quartz-dabase and closely related rocks
- COBALT SERIES**
-  Co3 Banded cherty quartzite
Fine grained thin bedded chert-like quartzite, grey or varicoloured
-  Co2 Lorrain Quartzite
White quartzite, feldspathic in lower part but purer towards top; lenses of pebbly quartz-conglomerate locally
-  Co1 Gowanda Formation
Boulder conglomerate, greywacke, impure quartzite and laminated (varved) greywacke; order of succession variable
- BRUCE SERIES**
-  B5 Serpent Quartzite
White feldspathic quartzite
-  B4 Espanola Formation
Highly indurated thin bedded green to grey calcareous silt with some beds of magnesian limestone (marble)
-  B3 Thin bedded magnesian limestone (marble)
-  B2 Bruce Conglomerate
Massive boulder conglomerate, with some stratified greywacke and impure quartzite towards top
-  B1 Mississagi Formation
Thick bedded coarse white feldspathic quartzite and minor conglomerates
-  U Undifferentiated Huronian sediments

NOTE.—The sedimentary rocks, with the exception of some bodies of quartzite, are so profoundly metamorphosed to paragneisses that they bear little resemblance to the much less metamorphosed sediments that underlie the northwestern part of the adjacent Parache quadrangle. Squaw Island is underlain by Paleozoic rocks.

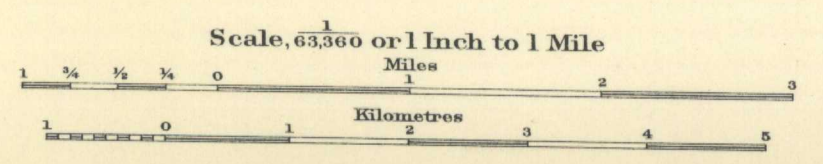
-  Geological boundary (defined)
-  Geological boundary (approximate)
-  Geological boundary (assumed)
-  Dip and strike
-  Vertical strata
-  Road and buildings
-  Road not well travelled
-  Bush road, trail or portage
-  Triangulation station

Approximate magnetic declination 6° 15' West.

SOURCES OF INFORMATION
Geology by T. T. Quirk, 1923, 1926.
Surveys by A. G. Haultain, 1925-1926; T. T. Quirk, 1923; Department of Lands and Forests, Ontario; and from published Admiralty charts.
Triangulation control by S. C. McLean, 1923.
To accompany Memoir by T. T. Quirk and W. H. Collins.



MAP 221 A
COLLINS INLET SHEET
MANITOULIN AND SUDBURY DISTRICTS
ONTARIO



NOT TO BE TAKEN FROM LIBRARY
NE PAS SORTIR DE LA BIBLIOTHÈQUE

221A