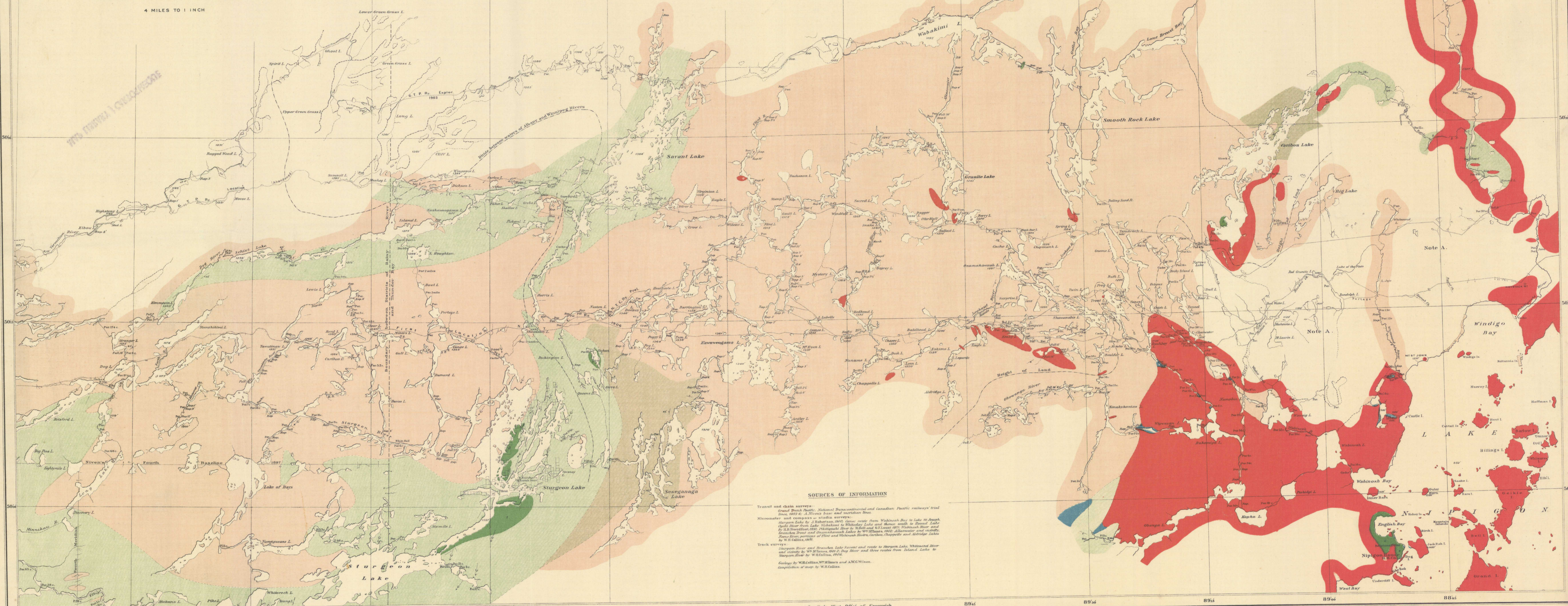


Explored Routes
in a portion of
NORTHWESTERN ONTARIO
traversed by the
NATIONAL TRANSCONTINENTAL RAILWAY
between
LAKE NIPIGON & STURGEON LAKE

Scale: 253,440
Miles
Kilometres
4 MILES TO 1 INCH

EXPLANATION OF COLOURS AND SIGNS

<p>Keewenaw — [Blue box] — <i>Traces dolomite and sandstone.</i></p> <p>Keewatin and Huronian — [Light Green box] — <i>Tertiary altered intrusives, both acid and basic, volcanic tuffs, chlorite and sericite schists with some bands of conglomerate, quartzite and porphyry.</i></p> <p>Post-Keewatin — [Red box] — <i>Diabase intrusive sheets.</i></p> <p>Post-Keewatin — [Dark Green box] — <i>Explosives, especially indicated: 1, diabase; 2, mica syenite; 3, porphyry-granite; 4, quartz porphyry; 5, granite-granite.</i></p> <p>Intimate contact zone between Keewatin and Laurentian. — [Light Brown box] — <i>Irregularly homogeneous areas of basic basic and hornblende gneisses, arkose, etc.</i></p> <p>Laurentian — [Light Orange box] — <i>Basaltic and hornblende-granite syenite and diorite in various stages of gneissic modification, also sections of the above.</i></p> <p>Note A — <i>Entire region fundamentally Laurentian being certain more or less restricted by Keewenaw-Diabase.</i></p>	<p>PRE-CAMBRIAN</p> <p>IGNEOUS</p> <p>Geological boundaries</p> <p>— [Dashed line] — <i>undefined</i></p> <p>— [Solid line] — <i>defined</i></p> <p>— [Line with dots] — <i>Glacial striae</i></p> <p>— [Line with ticks] — <i>Strike and dip</i></p> <p>— [Line with vertical ticks] — <i>Vertical Strata</i></p> <p>— [Line with horizontal ticks] — <i>Altitudes in feet above sea-level</i></p>
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SOURCES OF INFORMATION

Transect and chain surveys:
Grand Duché, Pacific, National Transcontinental and Canadian Pacific railways' trail
Transect by J. Wilson, 1888; and various others.

Micrometer and compass surveys:
Sturgeon Lake by J. Thomson, 1888; also, route from Whitefish Bay to Lake St. Joseph
Ogish River from Lake Michipicott to Whitefish Lake and thence south to Grand Lake
by J. V. Thomson, 1888; Michipicott River by Hill and J. V. Thomson, 1887; Whitefish River and
Branches from Lake Michipicott to Whitefish Lake by W. Williams, 1888; Michipicott and vicinity
from Lake Michipicott to Whitefish Lake by W. Williams, 1888; Michipicott and vicinity
from Lake Michipicott to Whitefish Lake by W. Williams, 1888; Michipicott and vicinity
from Lake Michipicott to Whitefish Lake by W. Williams, 1888.

Track surveys:
Sturgeon River and Branches, Lake Sturgeon and route to Sturgeon Lake, Whitefish River
and route to W. Williams, 1887; St. Joseph River and route from Island Lake to
Sturgeon River by W. Williams, 1888.

Geology by W. G. Collins, W. Williams and A. N. C. Wilson.
Completion of map by W. H. Collins.

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A. Robinson, Draftsman.

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