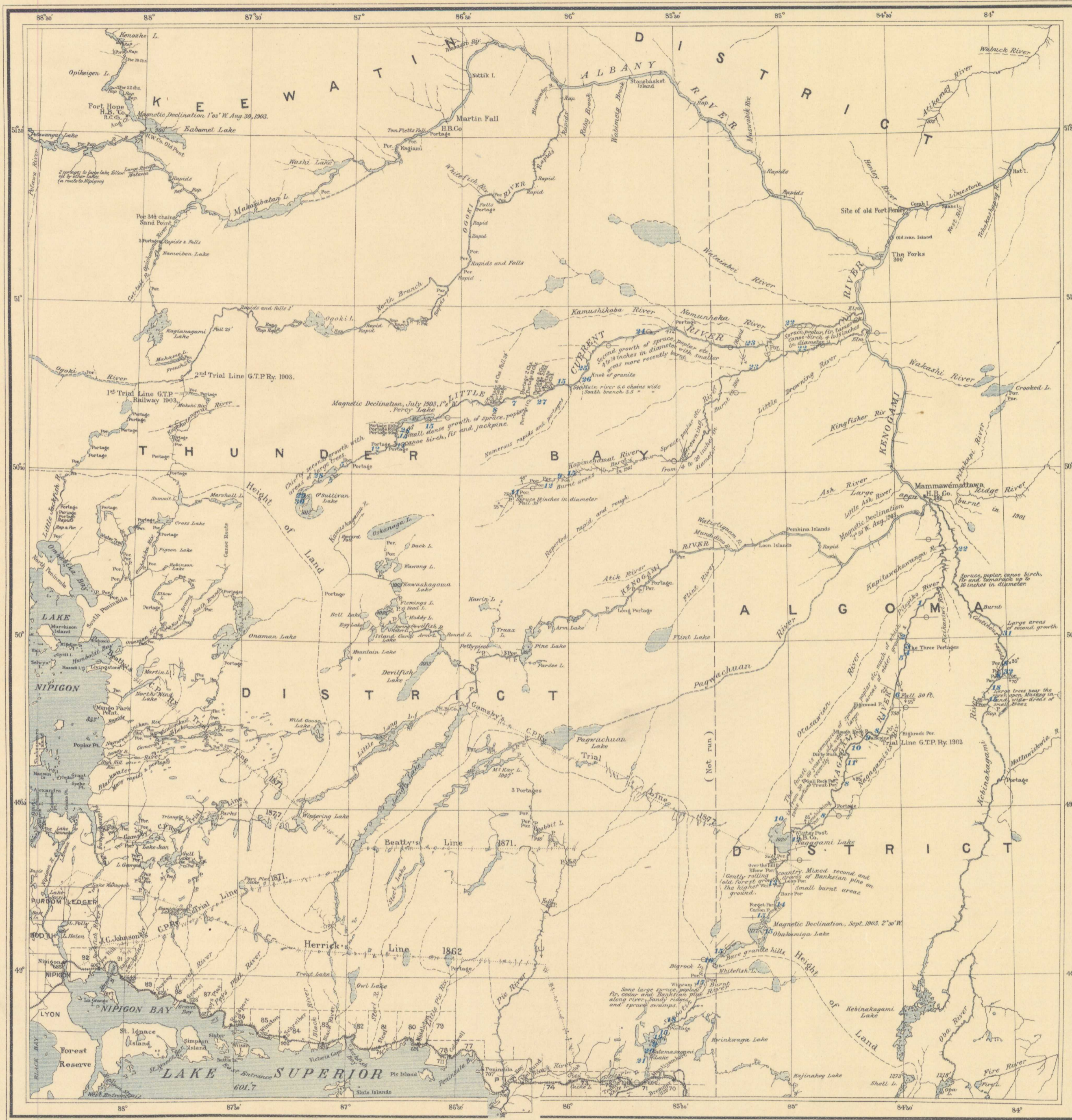


Geological Survey of Canada

ROBERT BELL, Sc. D., (Canada), LL.D., M.D., F.R.S., I.S.O., ACTING DIRECTOR

1904



C.O. Senécal, B.A.Sc., Geographer and Chief Draughtsman
P. Prévost, Draughtsman.

To accompany Part AA, Annual Report, Vol. XV,
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Price 10 cts.

MAP
of part of
NORTHWESTERN ONTARIO
North of Lake Superior.

To illustrate Summary Report

by
W. J. WILSON, Ph. B.

1903.

Scale: 16 statute miles to 1 inch.

SOURCES OF INFORMATION

Astronomically checked micrometer surveys of the Little Current river, and the canoe route from Montgam-ber, C.P.R. to Mammawemattawa via the Noyagami river by W. J. Wilson and O. J. Sullivan 1903. Micrometer survey of the Kebinakagami river (lower portion) by W. J. Wilson 1903. Track survey of the Ridge river by W. J. Wilson 1903. Astronomically checked track survey of the Downing river by O. J. Sullivan 1903.

Astronomically checked micrometer surveys of the Pic river north of Herrick's line, Long Lake, Kenogami and Albany rivers, and the canoe route from the Albany river to Ontonabika bay by Dr. R. Bell 1870-71. Track surveys of the Kebinakagami river (upper portion), Oba river, White river and vicinity and the group of lakes northwest of Long Lake by Dr. R. Bell 1870 and 1881.

Transit-micrometer and lev surveys of Lake Nipigon and Nipigon river by D. B. Dowling and William McInnes, 1894 and 1904. Track surveys of the Little Jackfish, Onaman, and Nanowaminikan rivers by D. B. Dowling, 1898.

Track surveys of the lakes and rivers east and southeast of Lake Nipigon by W. A. Parks, 1901-02.

Chain survey of the Pic river from Herrick's line southward, Herrick's line by O. J. S. Herrick, 1862.

Transit-chain survey of the Canadian Pacific Railway by E. Stewart, O. J. S., 1894-95.

Surveys of Canadian Pacific trial lines 1870-71. Supplemental information by Dr. R. Bell 1867-1886 and Ontario Crown Lands official maps.

References to Lake Nipigon and Nipigon river, G.S.C. Reports of Progress, 1866-69, pp. 336-364; Report of Progress 1871-72, pp. 101-114; Summary Report 1894, pp. 50-53; Summary Report 1898, pp. 94-99.

References to Pic river, Long Lake and Kenogami river, Report of Progress 1870-71, pp. 322-351.

References to Albany River, Kenogami river, Report of Progress 1871-72, pp. 101-114, and Annual Report Vol. II, Part G, pp. 30-39.

References to rivers and lakes, East and North-east of Lake Nipigon, Summary Reports 1901, pp. 103-107 and 1902, pp. 211-220.

Compilation of map by W. J. Wilson.

700' Water levels in feet above sea-level.
71' Heights of Railway grade in feet above sea-level.
○ Latitude observation points.
— Dip and strike, / Strike.
+ Vertical strata, / Glacial striae.

GEOLOGICAL NOTES

(Determinations subject to revision.)

1. Impure dolomite, Buff colour with reddish layers.
2. Impure dolomite.
3. Granite-gneiss with veins of epidote.
4. Pyritiferous slate and conglomerate.
5. Micascist.
6. Syenite.
7. Diorite-gneiss.
8. Syenite-gneiss.
9. Fine-grained mica-gneiss, garnetiferous pegmatite and diabase dykes.
10. Granite.
11. Granite-gneiss with basic bands.
12. Biotite-schist, rusty weathering.
13. Quartz-syenite-porphyr.
14. Amphibolite.
15. Granite-gneiss.
16. Quartz-syenite.
17. Reddish granite.
18. Massive grey granite.
19. Syenite-pegmatite.
20. Hornblende-schist.
21. Basic hornblende-porphyr.
22. Mottled impure argillaceous dolomite.
23. Light yellow dolomite.
24. Limestone and impure light yellow dolomite.
25. Hornblende-granite.
26. Drab impure argillaceous dolomite.
27. Garnetiferous gneiss, rusty weathering.
28. Garnetiferous, muscovite-granite.
29. Very basic diorite.
30. Massive biotite-schist.
31. Dolomite stained with iron.
32. Diabase.

Superior, Lake

5.17
A, Geol.

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