GEOLOGICAL SURVEY OF CANADA

G. M. DAWSON, C.M.G., LL.D., F.R.S., DIRECTOR

GENERAL INDEX

TO THE

REPORTS OF PROGRESS

1863 TO 1884

Compiled by

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OTTAWA

PRINTED BY S. E. DAWSON, PRINTER TO THE QUEEN'S MOST EXCELLENT MAJESTY

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PREFACE.

All the early reports of the Geological Survey of Canada were published under the name of "Reports of Progress." The first of these was that for the year 1843, printed in Montreal in the year 1845. This report was followed by Reports of Progress for 1844, 1845-46, 1846-47, 1847-48, 1848-49, 1849-50, 1850-51, 1851-52, 1852-53, 1853-56, 1857 and 1858. In 1863, a volume of 983 pages, with many illustrations, was published, in which all the observations made, up to that time, were brought together in a condensed and systematic form, making it a summarized general Report of Progress to date. This report was provided with an index, but one of a very inadequate character, in view of the great body of observations contained in it.

The present General Index begins with the volume of 1863, for which an entirely new index has been made, and embraces the succeeding reports to that of 1882-83-84 inclusive. It covers sixteen volumes and two short summaries, making in all 6585 pages of text, to which more than 31,000 entries are given. It thus provides a ready means of reference to practically the entire body of observations published by the Geological Survey up to the year 1884.

A new series of reports, under the name of "Annual Reports," begins with the Annual Report for 1885, each of which is separately indexed. It is intended, at a later date, to prepare a general index to these subsequent reports.

The arrangement of the present index is as follows:—

PART I.—*Districts described in the several reports.*

The reports are geographically analysed and arranged under Provinces, Counties or Districts, so that under any county or district in a province, a list of references to reports, arranged in chronological sequence, is given.

PART II.—*Special Examinations.*

Ores, rocks, minerals or fossils that have been subjected to assay, analysis, microscopical examination, or scientifically described, are here specially referred to.

PART III.—*General Index.*

In this the arrangement, under a reference to a place, is usually chronological, commencing with the earliest, while under a subject, references will be found alphabetically arranged, or in cases of common occurrences, as of iron, localities may be grouped under Provinces.

It must be borne in mind that the operations of the Geological Survey at first extended only to the areas of the Provinces of Ontario and Quebec, then known as Upper and Lower Canada respectively. Subsequent to the date of Confederation (1867), the field became extended to include the whole area of the Dominion of Canada and reports relating to different part of this vast region began to appear with the volume of 1866-69.

The regular reports of the Survey are printed in English and French, but with one exception, elsewhere explained, the present General Index relates to the English edition only.

In addition to these regular reports, special publications and excerpts have appeared from time to time under the authority of the Survey. Of these the more important are referred to in Part I. of the Index, but they are not included by the references made in the General Index proper, Part III. Special publications of the Palæontological and Botanical series are not included. For a complete enumeration of the publications of the Geological Survey, reference may be made to the List of Publications, printed from time to time.

This Index of the reports of the Survey, as now published, has been prepared by Mr. D. B. Dowling, B. Ap. Sc., to whose careful and conscientious work it is but right to refer in terms of especial appreciation.

GEORGE M. DAWSON,
Director Geological Survey of Canada.

November, 1897.

LIST OF REPORTS INDEXED, IN ORDER OF PUBLICATION WITH THE ABBREVIATIONS USED TO INDICATE EACH REPORT IN THE INDEX.

	Abbreviation used in index.
Geology of Canada, 1863—Geological Survey of Canada, Report of Progress from its commencement to 1863. Illustrated by 498 wood cuts in the text, 983 pages. Montreal, 1863	(1863)
Atlas of Maps and Sections—With an Introduction and Appendix, to accompany Geology of Canada, 1863, 42 pages. Montreal, 1865	(Atlas, 1863)
Report of Progress from 1863 to 1866—321 pages. Ottawa, 1866	(63-66)
Summary Report of Progress in Geological Investigations. Dated 1st May, 1869, 9 pages. Ottawa: 1869	Summ. (68-69)
Summary Report of Progress in Geological Investigations. Dated 2nd May, 1870, 14 pages. Ottawa, 1870	Summ. (69-70)
**Report of Progress from 1866 to 1869*—475 pages. Montreal, 1870.....(E.) *Rapport des Opérations de 1866 à 1869*, accompagné de Cartes Géologiques et Topographiques, 530 pages (F.)	(66-69)
Report of Progress for 1870-71, 351 pages. Ottawa, 1872.	(70-71)
Report of Progress for 1871-72, 154 pages. Montreal, 1872	(71-72)
Report of Progress for 1872-73, 300 pages. Montreal, 1873	(72-73)
Report of Progress for 1873-74, 268 pages. Montreal, 1874	(73-74)
Report of Progress for 1874-75, 319 pages. Montreal, 1876	(74-75)
Report of Progress for 1875-76, 432 pages. Montreal, 1877	(75-76)
Report of Progress for 1876-77, 531 pages. Montreal, 1878	(76-77)
Report of Progress for 1877-78, 476 pages. Montreal, 1879	(77-78)
Report of Progress for 1878-79, 376 pages. Montreal, 1880	(78-79)
Report of Progress for 1879-80, 562 pages. Montreal, 1881	(79-80)
Report of Progress for 1880-81-82, 222 pages. Montreal, 1883	(80-82)
Report of Progress for 1882-83-84, 750 pages. Montreal, 1885	(82-84)

* As the English edition of this Report has long been out of print, and is very scarce, references are added in the Index to the pages of the French edition.

ERRATA.

Page 24, *under* Coal, lignite, Pincher Creek, *for* (78-*n*9) 612B, *read* (78-79) p. 12 H.

" 164, " Fire-clay of Coxheath and East Bay, N. S., *for* p. 416, *read* p. 456.

" 198, " Gray, *add*, *see* Grey.

" 210, *for* HAYNES, J. L., *read* HAYES, J. L.

" 218, *under* HOW, H., analysis of mineral-water from East Bay, N. S., *for* p. 458, *read* p. 455.

PART I.

DISTRICTS DESCRIBED IN THE SEVERAL REPORTS.

NOTE.—It will be understood from the remarks made in the Preface, that in order to obtain references to *all* the published information relating to any particular district, it may be necessary to consult also the Indexes of the several Annual Reports from 1885 to date.

NOVA SCOTIA.

Nova Scotia Gold-fields, notes and comments by A. R. C. Selwyn, pp. 251-282 (70-71.)

Antigonish Co.

Geology of part included in report by H. Fletcher, pp. 1-125 F. (79-80) map issued in 1884; scale, 1 m. = 1 in.

Cape Breton Co.

Report on coal mines by Chas. Robb, pp. 238-290 (72-73).

Report on explorations and surveys by Chas. Robb, pp. 171-181 (73-74).

Supplemental report on coal mines of, by Chas. Robb, pp. 187-188 (73-74).

Report on explorations and surveys in, by Chas. Robb, pp. 166-194 (74-75), with map of eastern part of Sydney coal-field.

Report of explorations and surveys by H. Fletcher, pp. 369-418 (75-76), with map scale, 1 m. = 1 in.

Report on geology of part of, in report by H. Fletcher, with map of western part of coal-fields, pp. 402-456 (76-77).

Report on south-eastern part, with map (Louisburg sheet), scale, 1 m = 1 in., by H. Fletcher, pp. 1-32 F. (77-78).

Colchester Co.

Report by T. S. Hunt on gold regions of Nova Scotia (Ottawa, 1868.)

Report on Acadian iron ore deposits by A. R. C. Selwyn, pp. 19-27 (72-73)

Analyses of samples of ores from, by B. J. Harrington, pp. 28-33 (72-73.)

Cumberland Co.

Notes on coal from Springhill coal-field, by E. Hartley, pp. 443-447 (66-69).

Report on Springhill coal-field, by S. Barlow, with map, scale 8 m. = 1 in., pp. 147-160, (73-74).

Report on a portion of the coal-field of, by W. McOuat, pp. 161-170 (73-74).

Report of progress in surveys in coal-fields of, by S. Barlow, pp. 343-347 (75-76).

Guysborough Co.

Report of T. S. Hunt on gold regions of Nova Scotia (published separately), Ottawa, 1868.

Geology of part of, included in report by H. Fletcher, with map, scale, 1 m. = 1 in., pp F. (79-80).

NOVA SCOTIA—*Cont.*

Halifax Co.

Report by T. S. Hunt on gold regions of Nova Scotia (published separately), 1868.

Hants Co.

Report by T. S. Hunt on gold region of Nova Scotia (published separately), Ottawa, 1868.

Inverness Co.

Report by T. S. Hunt on gold region of Nova Scotia (published separately), Ottawa, 1868.

Notes on coal-fields of, by Chas. Robb, pp. 182-191 (73-74).

Geology of part of, included in report by H. Fletcher, pp. 1-125 F. (79-80).

Report on geology of northern part of, included in report by H. Fletcher, with maps, scale 1 m. = 1 in., pp. 5-98 H. (82-84).

Lunenburg Co.

Report by T. S. Hunt on gold region of Nova Scotia (published separately), Ottawa, 1868.

Pictou Co.

Report by Sir W. E. Logan on a part of the Pictou coal-field east of East River, with map, scale 1 m. = 1 in., pp 4-53 (66-69).

Report by E. Hartley on a part of the Pictou coal-field, west of the East River, with map, scale, 1 m. = 1 in., pp. 54-107, (66-69).

Report by E. Hartley on Pictou coals and iron-ores, pp. 365-442 (66-69).

Richmond Co.

Report on the geology of part of, included in report by H. Fletcher, pp. 402-456, (76-77), with map (Grand Narrows sheet), scale 1 m. = 1 in

Report on geology of southern part of, by H. Fletcher, pp. 1-32 F (77-78).

Report on geology of part of, included in report by H. Fletcher, pp. 1-125 F, (79-80).

Victoria Co.

Notes on New Campbellton Mines by Chas. Robb, pp. 184-187 (73-74).

Geology of eastern part of, included in report by Chas. Robb, pp. 245-262 (74-75). map of Cape Dauphin District, scale 20 chains = 1 in.

NOVA SCOTIA—*Cont.*

Victoria Co.—Cont.

Report on geology of part of, included in report by H. Fletcher, with map of part of, scale 1 m. = 1 in., pp. 402-456 (76-77).

Geology of part of, included in report on geology of northern part of Cape Breton Island by H. Fletcher, pp. 5-98 H (82-84).

Map of part of county in report for 1875-76, scale 1 m. = 1 in.

PRINCE EDWARD ISLAND.

Report by R. W. Ells on geology of, pp. 11-19 E (82-84).

NEW BRUNSWICK.

Albert Co.

Report by L. W. Bailey and R. W. Ells on Lower Carboniferous belt and Albert Shales, pp. 351-401 (76-77), with map, scale 1 m = 1 in.

Report by R. W. Ells on Pre-Silurian rocks of, pp. 1-13 D (77-78).

Report by Bailey, Matthew and Ells on geology of southern counties in which is included Albert, pp. 1-26 DD (78-79), map of part, on Grand Lake sheet, scale 4 m. = 1 in.

Carleton Co.

Report by Chas. Robb on geology of, with map scale 8 m. = 1 in., pp. 173-209 (66-69).

Supplementary report by Chas. Robb, pp. 241-250 (70-71).

Report on iron ore deposits by R. W. Ells, pp. 97-104 (74-75), map, scale 2 m. = 1 in.

Report on exploration and surveys in, by L W. Bailey, pp. 5-31 G (82-84).

Surface geology of part of, by R. Chalmers, pp. 5-47 GG (82-84).

Charlotte Co.

Report on part of, in report by Bailey and Matthew on Southern New Brunswick, pp. 13-240 (70-71).

Note on correlation work on Mascarene Series of 1874, by L. W. Bailey and G. F. Matthew, pp. 85-89 (74-75).

Report on slate formation of northern part and geology of south-eastern, by G. F. Matthew, pp. 321-350 (76-77).

Geology of, in report on geology of southern counties by Bailey, Matthew and Ells, pp. 1-26 D (78-79) with map (St. Stephen sheet) 4 m = 1 in.

Gloucester Co.

Geology of part of, discussed by R. W. Ells in report on Northern New Brunswick, pp. 1-47 D (79-80). Map of part, issued (80-82). (Newcastle, Bathurst, and Shippegan sheets), scale 4 m. = 1 in.

Grand Manan Island.

Report on Crystalline and Triassic rocks of, by Bailey and Matthew, pp. 100-221 (70-71), map of on St. Stephen sheet, scale 4 m. = 1 in.

NEW BRUNSWICK—*Cont.*

Kent Co.

Middle Carboniferous rocks of, in report by R. W. Ells, pp. 3-6 D. (80-82), with map of part of, scale 4 m. = 1 in.

Kings Co.

Report by Bailey and Matthew on part of, in report of Southern New Brunswick, pp. 1-240 (70-71).

Pre-Silurian rocks of eastern part of, report by R. W. Ells, pp. 1-13 D. (77-78).

The Huronian and Cambrian rocks of, in report by L. W. Bailey, pp. 1-34 DD. (77-78).

Report on Upper Silurian and Kingston Series in, by G. F. Matthew, pp. 1-6 E. (77-78).

Geological report and résumé of geology, in report by Bailey, Matthew and Ells, pp. 1-26 D. (78-79) with maps (Grand Lake sheet and St. John sheet,) scale, 4 m. = 1 in.

Northumberland Co.

Geology of part of, discussed in report by R. W. Ells, on Northern New Brunswick, pp 1-47 D. (79-80).

Carboniferous and Cambro-Silurian rocks of, discussed in report by R. W. Ells, pp. 3-17 D. (80-82), map of part of, scale, 4 m. = 1 in. (Newcastle and Richibucto sheets.)

Queen's Co.

Report on geology of, included in report by Bailey and Matthew on Southern New Brunswick, pp. 13-240 (70-71).

The Carboniferous System in New Brunswick, in Queens, Sunbury and part of York counties, by Messrs. Bailey and Matthew, pp. 180-230 (72-73)

Section of Pale Argillite Series measured in 1874 by Bailey and Matthew, p. 85 (74-75).

The Pre-Carboniferous rocks of, in report by Bailey, Matthew and Ells, pp. 350-368 (75-76.)

Geological report and résumé of geology of, in report by Bailey, Matthew and Ells, pp. 1-26 D. (78-79.) Map (Grand Lake sheet) scale 4 m. = 1 in.

Restigouche Co.

Geology of part of, discussed in report by R. W. Ells on Northern New Brunswick, pp. 1-47 D. (79-80).

Note on trappean rocks of Bay of Chaleurs by R. W. Ells, p. 19 D. (80-82). Map of, scale 4 m. = 1 in. (Dalhousie and Bathurst sheets.)

St. John Co.

Report on geology of, included in report by Bailey and Matthew, pp. 13-240 (70-71).

Pre-Silurian rocks of, in report by R. W. Ells on Southern New Brunswick, pp. 1-13 D. (77-78).

NEW BRUNSWICK—*Cont.*

St. John Co.—Cont.

The Huronian and Cambrian rocks of, in report by L. W. Bailey, pp. 1-34 DD. (77-78).

Geological report and résumé of geology of, in report by Bailey, Matthew and Ells, pp. 1-26 D. (78-79), with map (St. John sheet), scale, 4 m. = 1 in.

St. John River.

Terraces of, sections, &c., in report on superficial geology by R. Chalmers, pp. 27-41 GG. (82-84).

Sunbury Co.

The Carboniferous System in New Brunswick, report by L. W. Bailey and G. F. Matthew, pp. 180-230 (72-73).

Report on boring operations at Newcastle Bridge, with section of bore, by R. W. Ells, pp. 231-237 (72-73).

Second report on boring operations at Newcastle Bridge, by R. W. Ells, pp 90-96 (74-75).

Map of part of, issued with report for (80-82). (Newcastle sheet), scale 4 m. = 1 in.

Sunbury Co.

The pre-Carboniferous rocks of, from report by Bailey, Matthew and Ells, pp. 350-368 (75-76).

Geological report and résumé of geology of, in report by Bailey, Matthew and Ells, pp. 1-26 D (78-79) map of part of (Grand Lake Sheet) scale 4 m = 1 in.

Map of part of, (Newcastle sheet), issued (80-82).

Southern New Brunswick.

Report of progress of geological investigations in, by L. W. Bailey, pp. 142-145 (71-72).

Report on the superficial geology of, by G. F. Matthew, pp. 1-36 E E (77-78).

Victoria Co.

Report by Chas. Robb on part of, included in pp. 173-209 (66-69).

Supplementary report by Chas. Robb, pp. 250-251 (70-71).

Westmoreland Co.

Report on Lower Carboniferous belt and Albert Shales, by L. W. Bailey and R. W. Ells, pp. 351-401 (76-77), with map, scale 1 m = 1 in.

York Co.

Report by Chas. Robb on part of, included in. pp. 173-209 (66-69).

Supplementary report by Chas. Robb, pp. 241-249 (70-71).

Carboniferous System of New Brunswick in York Co. included in, pp. 180-230 (72-73).

Report of explorations and surveys in portions of York and Carleton Cos. by L. W. Bailey, pp. 5-31 G (82-84).

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Report on superficial geology of Western New Brunswick with special reference to area in York and Carleton Cos. by R. Chalmers, pp. 5-47 GG (82-84).

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The Gaspé Series in, pp. 427-429 (1863)

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Report on gold fields of the Chaudiere River by A. Michel, pp. 49-77 (63-66) and T. S. Hunt, pp 79-90 (63-66).

Notes on gold fields of, by A. R. C. Selwyn, pp. 251-282 (70-71).

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The Trenton Group in, p. 149 (1863).

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Report on geology of shore of Bay of Chaleurs, by R. W. Ells, pp. 6-20 D. (80-82), with maps of part of, scale 4 m. = 1 in. (Dalhousie and Bathurst sheets.)

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The rocks of the Quebec Group exposed in, pp. 239, 247-251 (1863).
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Report on geology of Eastern Townships by Jas. Richardson, references pp. 33-38 (63-66.)
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Petroleum, its geological relations, special reference to occurrence in Gaspé, by T. S. Hunt, with map of part of Gaspé, scale, 4 m. = 1 in. (Quebec, 1865)
Report on rocks of Grand Pabos District and Cape Macquereau by R. W. Ells, pp. 15-17 D. (80-82.)
Report on geology of Gaspé Peninsula by R. W. Ells, pp. 1-32 DD (80-82.)
Report on explorations and surveys, interior of Gaspé Peninsula by R. W. Ells, pp. 5-34 E. (82-84.)
Report on explorations in vicinity of Shickshock Mountains by A. P. Low, pp. 5-21 F. (82-84)

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The Chazy Formation in, pp. 125, 132 (1863.)
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Laval Co.

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Levis Co.

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PART II.

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PART III.

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