



**U.S. GEOLOGICAL SURVEY LIBRARY
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GEORGE HUNT BARTON
(1852 - 1933)

NOTES, CORRESPONDENCE, PAPERS

1884 - 1894

(.5 linear ft. and 1 map folder)

George Hunt Barton spent most of his career (1883-1904) teaching geology at the Massachusetts Institute of Technology. From 1890 to 1895 he also assisted USGS geologist Nathaniel S. Shaler on a project to map glacial drumlins in Massachusetts; these materials are related to that work. In addition, there is a notebook from a trip to Nova Scotia (1884) and sketches made during a trip to Newfoundland (1885).

INVENTORY

By

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U.S. Geological Survey Field Records Collection
MS 914, Box 25046, Federal Center
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Location of Field Notebooks: CS 21-1

GLACIAL GEOLOGY OF EASTERN MASSACHUSETTS, AND NOTES ON NOVA SCOTIA AND NEWFOUNDLAND, CANADA. 1884-1894

<u>Item Number</u>	<u>Description</u>
NO-08919	Undated. Personal notes, plus some geologic notes on limestone and flow structures. There is also, "Section from Boston Basin to Nashua Valley" – descriptions of locations.
NO-08920	"Department of the Interior" notebook. On front page: "Sketches on Coast of Newfoundland, 1885." Sketches in pencil, and descriptions. June 28 – August 14, 1885.
NO-08921	On front page: "Geo. H. Barton. M.I.T. Nova Scotia Excursion. 1884. Notebook." June 30 – July 23, 1888. Notes include visits to several coal miens, and extend several days after his return home. There are additional notes on mines in the back of the notebook. Also, notes and a few sketches on work in Stowe, Massachusetts, and on the Marlboro sheet, on glacial landforms and distribution of drift. August 10-November 16, 1888; June 21, 1889 – September 25, 1889. There is an index to the notes on drift on pages 12, 14 and 15.
NO-08922	1888-1890. Geologic notes on glacial landforms for these quadrangles: Fitchburg, Framingham, Groton, Marlboro, Warwick, and Winchester. Index on first page and on page 92.
NO-08923	August 1890-May 1891. Geologic notes on glacial landforms for these quadrangles: Boston, Framingham, Groton, Lawrence, and Lowell. Index on pages 92-93.
NO-08924	Vol. V. May-September 1892. Geologic notes on glacial landforms for these quadrangles: Abington, Boston Bay, Chesterfield, Dedham, Framingham, Greenfield, Haverhill, Hawley, Lawrence, Newburyport, and Northampton. Index on pages 92-94.
NO-08925	Vol. VI. September 1892 – September 1893. Geologic notes on glacial landforms for these quadrangles: Becker, Boston Bay, Chesterfield, Fitchburg, Granville, Gloucester, New York, Palmer, Sheffield, Springfield, Pittsfield, Warwick, Groton, Winchendon, Lawrence, Lowell, Greylock, Newburyport, and Haverhill. Index on pages 80-82.
NO-08926	Vol. VII. September 1893, June 1894, and September 1894. Geologic notes on glacial landforms for these quadrangles: Abington, Barnstable, Chatham, Duxbury, Fall River, Falmouth, Middleboro, Nantucket, New Bedford, Plymouth, Providence, Provincetown, Taunton, Wellfleet, and Yarmouth. Index, p. 82-83.

- NO-08927 No author shown on notes; different handwriting. 1890-1891. Notes with sketches of glacial landforms. Locales include: Turkey Hill, Gibbett Hills, Cady Pond, Prospect Hill, Indian Hills, Chestnut Hills, Pepperell, Graniteville, Forest Hill, Oak Hill, South Acton, Concord, Lowell, and Framingham. There is also a photocopy of these pages.
- NO-08928 Index to notes of work on drumlin sheets. Includes “Work on Drumlin Sheets” – lists map sheet, whether field work done, notebook number, tabulation notebook number, if duplicate copy needed. Index List of quadrangle sheets, listing notebook numbers and location numbers. Comments on drumlins that should be revisited or seen. Index to Notebook Vol. V. Sheet of data on Gleason Hill. Two-page list, “Drumlin Sheets of Mass.,” giving sheet name, relevant field book number(s) and tabulation book number. “List of Mass. Atlas Sheets” with columnar notations indicating status of field work, tabulation, notebook and tabulation book numbers, and other information.
- NO-08929 Some elevation and related data. A “Complete Record Index” begins on page 92, and is an index to all notebooks.
- NO-08930 Vol. 1. Elevation and related data for drumlins, listed by quadrangle sheet.
- NO-08931 Vol. 2. Continuation of elevation and related data fro drumlins, listed by quadrangle sheet.
- NO-08932 1893. Elevation and related data for drumlins, listed by quadrangle sheet, plus some additional notes, and list of expenses.
- MA-01910 Map folder with 13 maps, with annotations:
- Boston;
 - Piece from upper left corner of Boston Bay quadrangle;
 - Lower $\frac{3}{4}$ of Boston Bay quadrangle;
 - Bloucester quadrangle;
 - Haverhill quadrangle (2 copies);
 - Newburyport quadrangle (2 copies);
 - Plymouth quadrangle;
 - Salem quadrangle (2 copies)
 - Combined Narragansett Bay and Newport quadrangles, with annotations by D.C. Barton (Donald Clinton Barton, son of George Hunt Barton);
 - Providence, Massachusetts-Rhode Island quadrangle with annotations by D.C. Barton.