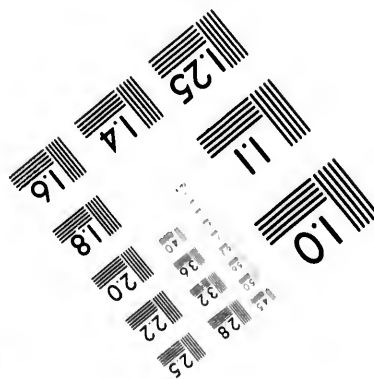
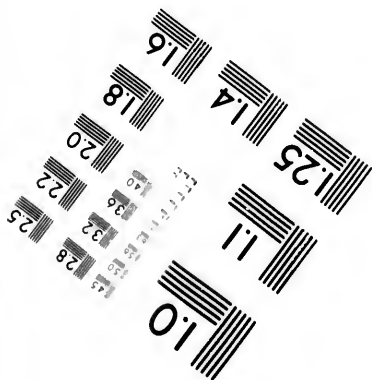
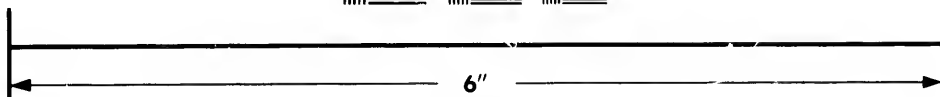
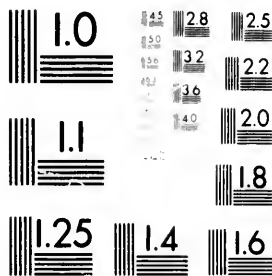


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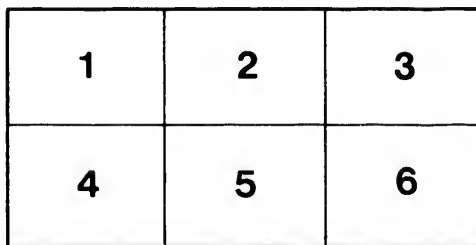
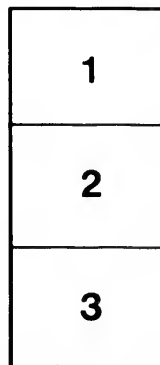
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The money received from the sale of these publications is deposited in the Treasury, and the Secretary of the Treasury declines to receive bank checks, drafts, or postage stamps; all remittances, therefore, must be by POSTAL NOTE or MONEY ORDER, made payable to the Director of the U. S. Geological Survey, or in CURRENCY, for the exact amount. Correspondence relating to the publications of the Survey should be addressed

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WASHINGTON, D. C.

WASHINGTON, D. C., May, 1896.

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No. 127



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1896

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UNITED STATES GEOLOGICAL SURVEY

CHARLES D. WALCOTT, DIRECTOR

CATALOGUE AND INDEX

OF CONTRIBUTIONS TO

NORTH AMERICAN GEOLOGY

1732-1891

BY

NELSON HORATIO DARTON



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p. 621-633.

CATALOGUE AND INDEX OF CONTRIBUTIONS TO NORTH AMERICAN GEOLOGY.

BY N. H. DARTON.

INTRODUCTION.

The scope of this work includes geologic literature published in North America, and such literature on North America (excepting Greenland and Central America) wherever published. Chronologically it includes publications from 1732 to those received prior to the close of 1891.

On pages 11-14 is given a list of serials examined. It covers the principal publications in which geologic contributions have appeared, excepting some odd volumes which were not accessible to me. In official literature there have been examined all the reports in Prime's catalogue,¹ with some additional and all later ones. Many privately published separate works are included, a few of which are known only from notices in reviews or book lists. Paleontologic papers which are purely biologic are not included, nor are papers on mineralogy in which rocks are not described or discussed.

The entries are comprised in two classes, which are arranged in single alphabetic sequence. They are as follows:

1. *Principal entries.*—These consist of full titles of separate contributions, classified by authors, with chronologic subarrangement, together with as much of the usual bibliographic information as appears necessary in a work of this kind. All composite works are segregated into the separate contributions of individual authors as far as practicable. The date is that of the volume imprint of the earliest regular publication of the contribution whenever possible. Accordingly, contributions published in proceedings of societies are given the imprint date of the volume in which they are contained. The size of the volume is given only when it is other than octavo. The extent of papers less than a page in length is indicated thus: ($\frac{1}{2}$ p.), ($\frac{1}{2}$ col.), (3 lines). Place of publication is given for official and separate publications and some obscure journals. Information which I have supplied is placed within brackets.

¹Catalogue of official reports on geological surveys of the United States and Territories and British North America. Am. Inst. Mining Engineers, Trans., vol. 7, pp. 455-522; vol. 8, pp. 466-478; vol. 9, p. 621-633.

2. *Subject index references.*—These are geographic, stratigraphic, and miscellaneous geologic headings, under which are listed condensed titles of the papers, and the author's name for cross reference to the principal entry. The subarrangement is chronologic. A key to these references is given on pages 7-10. A few general text-books of geology and very general papers have not been indexed.

I am indebted to the catalogue by Prime, the lists of maps by Jules Marcou and J. B. Marcou,¹ lists of papers on the Lake Superior copper region by J. D. Whitney,² a bibliography of Texas, Arkansas, Louisiana, etc., by J. B. Marcou (in manuscript), and to many gentlemen for information or advice. I am also indebted for special courtesies to the librarians of the Academy of Natural Sciences at Philadelphia, the New York Academy of Sciences, the Boston Society of Natural History, the Astor Library of New York, and the Boston Public Library.

Additional references or information for a supplement to this catalogue will be gratefully received by the author, care of the United States Geological Survey, Washington, D. C., U. S. A.

¹ Bull. U. S. Geol. Survey No. 7, 1884.

² Bull. Mus. Comp. Zool. Harvard College, vol. 7, 1884.

Africa.
Alabama.
Alaska.
Arizona.
Arkansas.
Asia.
Australasia.
Bermuda.
California.
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New Br.
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Newfou.
Labrado.
Manitob.
British C.
Northern
Central Ame.
Colorado.
Connecticut.
Dakotas.
Delaware.
East Indies.
Europe.
Florida.
Georgia.
Hawaiian and
Idaho.
Illinois.
Indiana.
Indian Territo.
Iowa.
Kansas.
Kentucky.

CLASSIFIED KEY TO THE SUBJECT ENTRIES.

I. GEOGRAPHIC SUBJECTS.

- Africa.
- Alabama.
- Alaska.
- Arizona.
- Arkansas.
- Asia.
- Australasia.
- Bermuda.
- California.
- Canada, with subheadings as follows:
 - Provinces of Quebec and Ontario, and Canada in general.
 - New Brunswick.
 - Nova Scotia, Prince Edward Island, and Cape Breton Island.
 - Newfoundland.
 - Labrador.
 - Manitoba to Rocky Mountain region.
 - British Columbia.
 - Northern British America (and Greenland).
- Central America.
- Colorado.
- Connecticut.
- Dakotas.
- Delaware.
- East Indies.
- Europe.
- Florida.
- Georgia.
- Hawaiian and other Pacific islands.
- Idaho.
- Illinois.
- Indiana.
- Indian Territory (and Oklahoma).
- Iowa.
- Kansas.
- Kentucky.

Louisiana.
 Maine.
 Maryland (including District of Columbia).
 Massachusetts.
 Mexico.
 Michigan.
 Minnesota.
 Mississippi.
 Missouri.
 Montana.
 Nebraska.
 Nevada.
 New Hampshire.
 New Jersey.
 New Mexico.
 New York.
 North Carolina.
 Ohio.
 Oregon.
 Pennsylvania.
 Rhode Island.
 South America.
 South Carolina.
 Tennessee.
 Texas.
 Utah.
 Vermont.
 Virginias.
 Washington.
 West Indies.
 Wisconsin.
 Wyoming.

II. STRATIGRAPHIC SUBJECTS.

Archean and Algonkian (including all unclassified crystalline rocks, with subheadings as follows:

New England.
 New York, Pennsylvania, New Jersey.
 Maryland to Alabama.
 Great Lakes region (Michigan, Wisconsin, Minnesota, and Canada contiguous to lakes Superior and Huron).
 West of the Mississippi River (excepting Minnesota).
 Eastern (and northern) Canada.
 Western Canada (Lake of the Woods region to the Pacific).
 General.

Cambrian, with subheadings as follows:
 New England.

New
 South
 Lake
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 Pennsylvan

New York, Pennsylvania, New Jersey.
 Southern Appalachians (Maryland to Alabama).
 Lakes Superior, Michigan, and Huron region.
 Dakota, Iowa, Nebraska.
 Missouri.

Texas.

Rocky Mountains to Pacific coast.

Canada (excepting adjoining Lake Superior).

Carboniferous, with subheadings as follows:

New England.

New York, Pennsylvania, Maryland, Virginia.

Ohio.

Kentucky, Tennessee, Alabama, Georgia.

Michigan.

Illinois, Indiana.

Iowa, Nebraska, Kansas, Missouri, Arkansas, Indian Territory,
 Texas.

Rocky Mountains to the Pacific coast.

Canada (including all of British America).

General.

Cretaceous, with subheadings as follows:

Atlantic coast region.

Gulf region (Alabama to Louisiana to Kentucky).

Dakota and Minnesota to Texas.

Rocky Mountains to Great Basin region.

Pacific States.

Canada.

General.

Devonian, with subheadings as follows:

New England.

Appalachian (New York to Alabama).

West of Appalachians to the Mississippi and Minnesota.

West of the Mississippi, excepting Minnesota.

Canada (including all of British America).

General.

Juratrias, with subheadings as follows:

Massachusetts to North Carolina.

Eastern Canada.

Dakota to Texas.

Rocky Mountain region.

California to Washington.

Western Canada and Alaska.

General.

Triassic, with subheadings as follows:

New England.

New York.

Pennsylvania.

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New Jersey.

Maryland, Delaware, Virginia.

North Carolina, South Carolina, and Georgia region.

Gulf region, Florida to Texas and Arkansas.

Ohio, Indiana, Illinois, Kentucky, Tennessee.

Minnesota, Michigan, Wisconsin.

Iowa, Missouri, Nebraska, Kansas region.

Rocky Mountains to Great Basin.

Pacific States.

Eastern Canada.

Western British America.

Alaska.

General.

Silurian, with subheadings as follows:

New England.

Appalachian (New York to Alabama).

West of the Appalachians to the Mississippi River and Minnesota.

West of the Mississippi River, excepting Minnesota.

Canada (including all of British Columbia).

General.

Tertiary, with subheadings as follows:

Atlantic coast region (Massachusetts to Georgia).

Gulf region (Florida to Texas and Kentucky).

Dakotas, Nebraska, Kansas.

Rocky Mountains to Great Basin.

Pacific States.

Canada.

Arctic and Alaska.

West Indies.

General.

III. OTHER SUBJECTS.

Geologic philosophy, with subheadings as follows:

Chemic geology (excepting metamorphism and rock decay).

Origin of coal, petroleum, etc.

Dynamic geology.

Petrology.

Glaciology.

Geological climate.

Volcanism.

Rock decay.

Degradation.

Sedimentation.

Geomorphy.

Coral reefs.

Miscellaneous.

Petrography.

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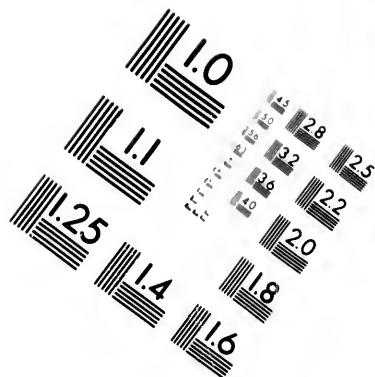
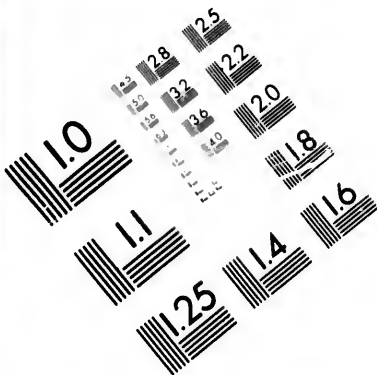
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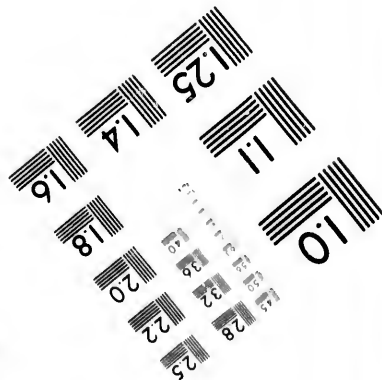
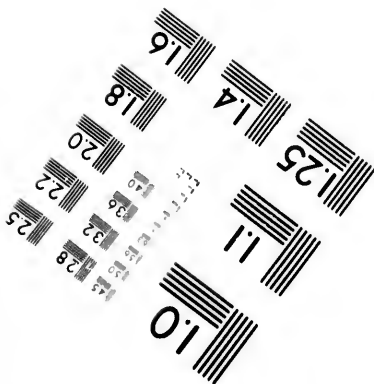
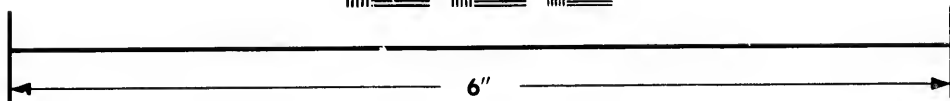
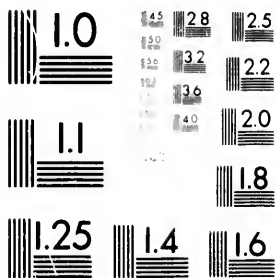
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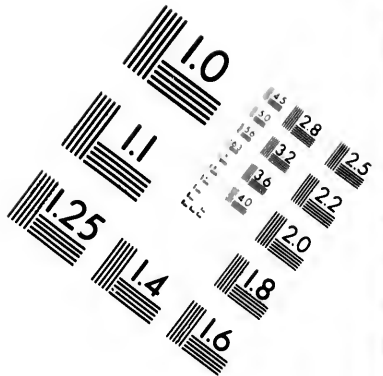
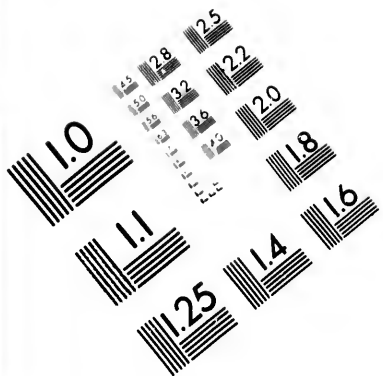
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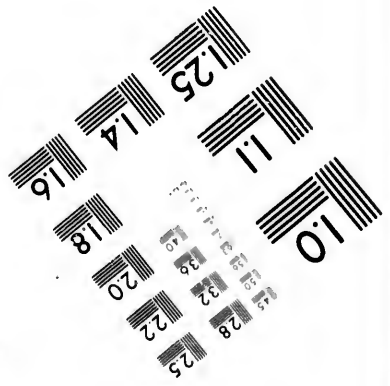
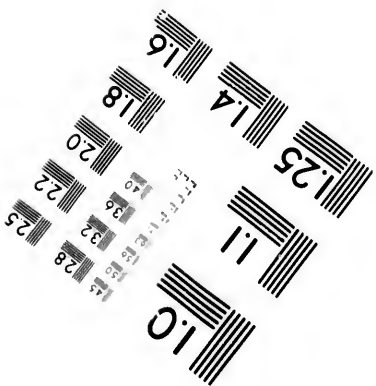
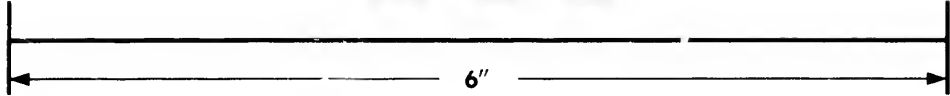
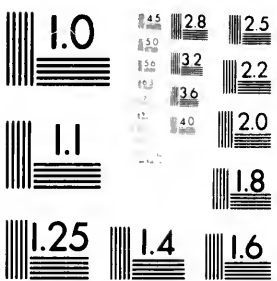
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1865. Copper rocks of southeastern New Brunswick, Matthew.
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1869. Origin of albertite and allied minerals, Peekham.
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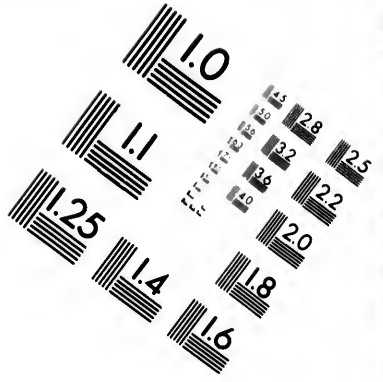
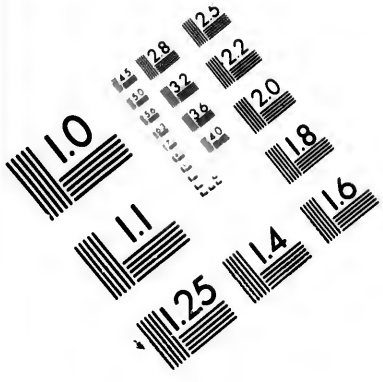
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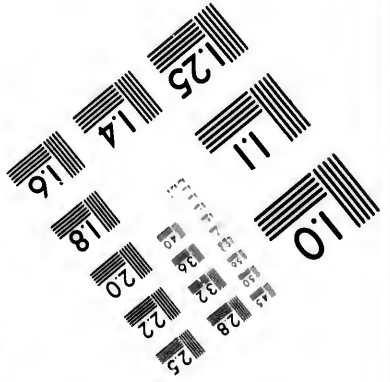
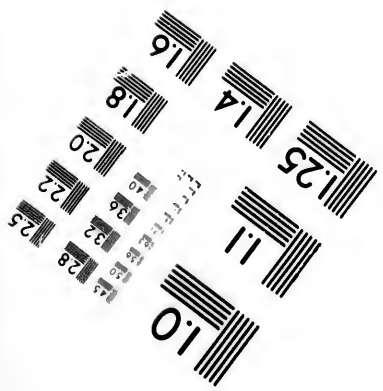
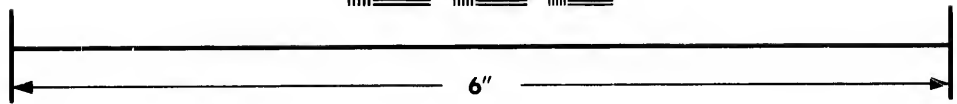
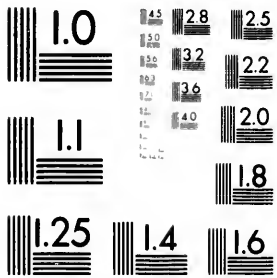
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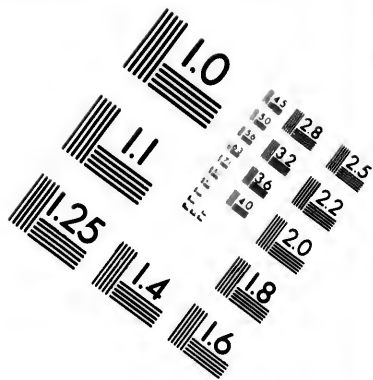
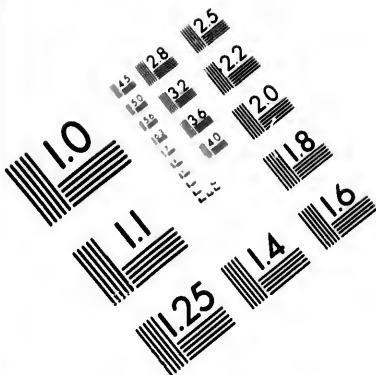
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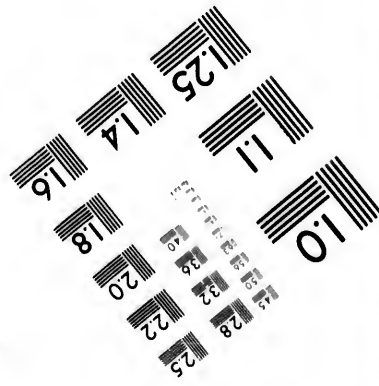
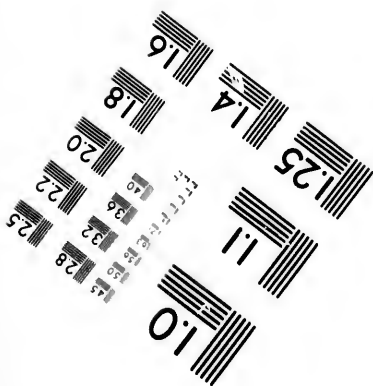
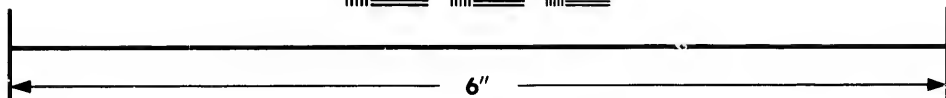
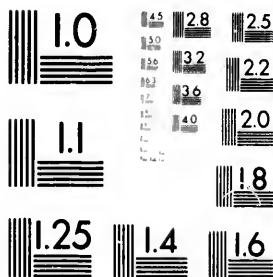
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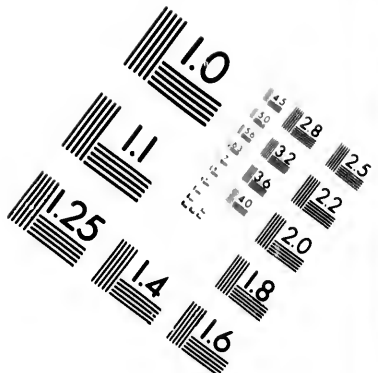
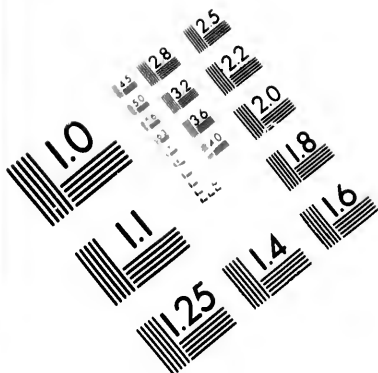
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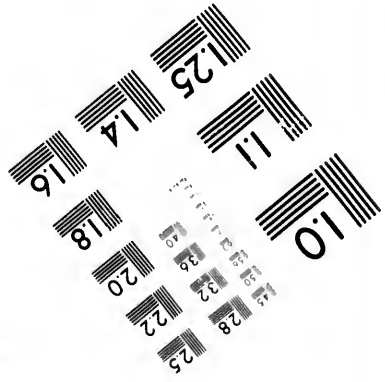
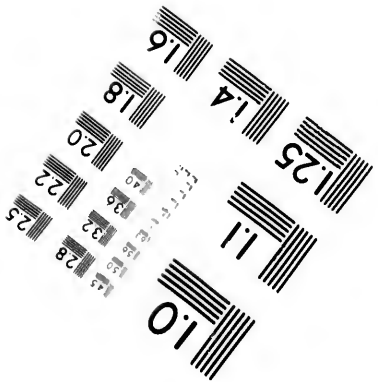
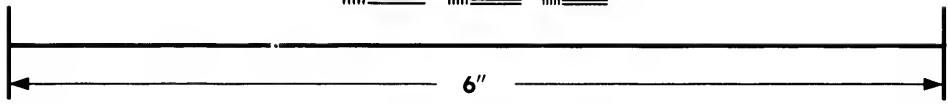
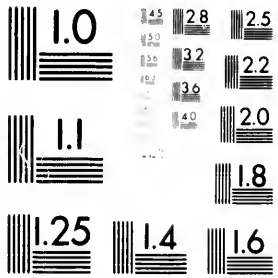
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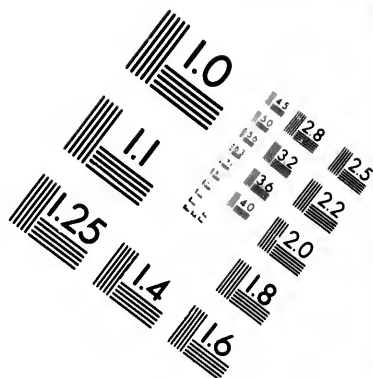
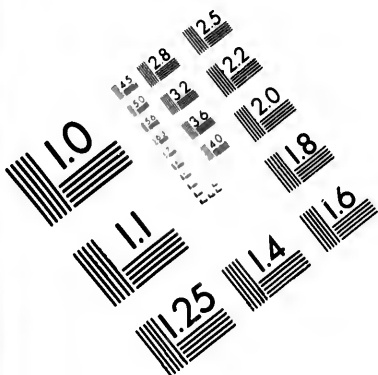
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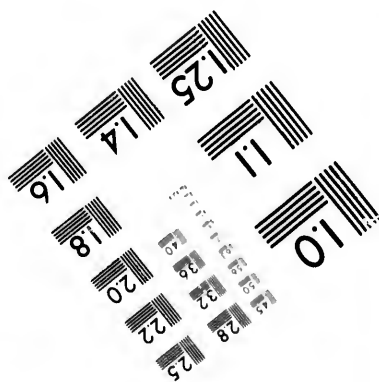
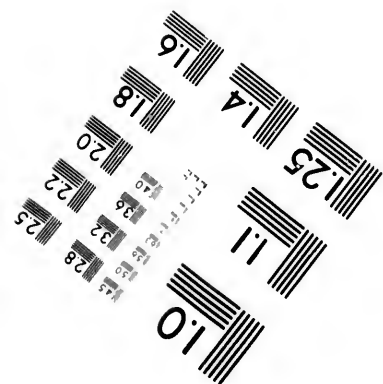
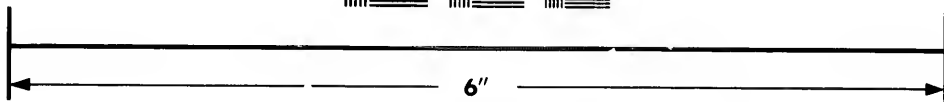
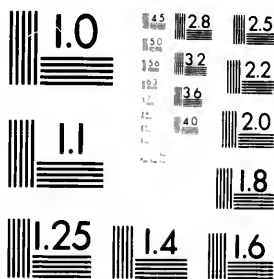
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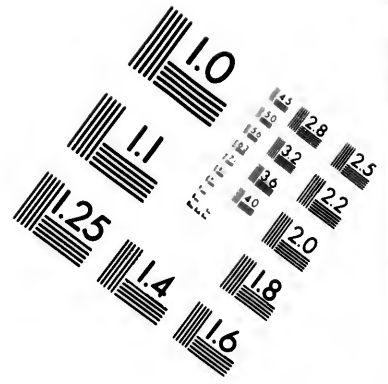
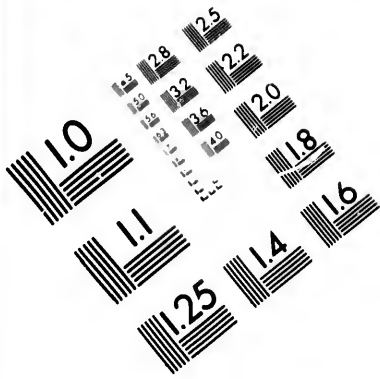
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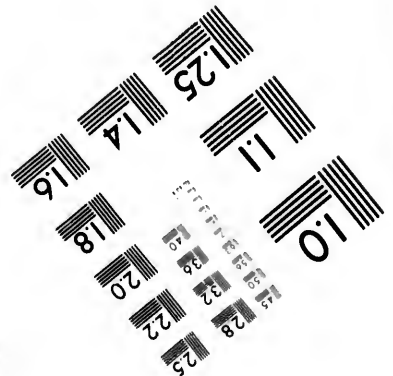
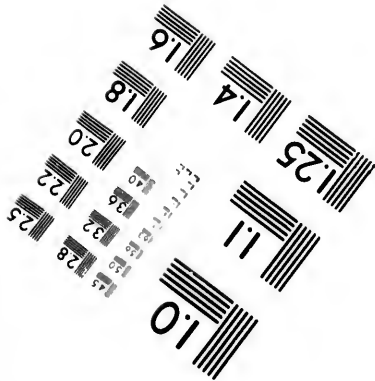
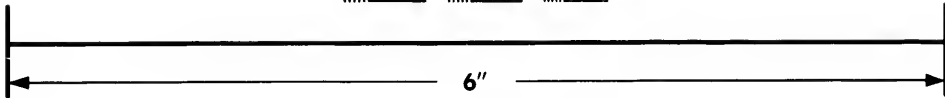
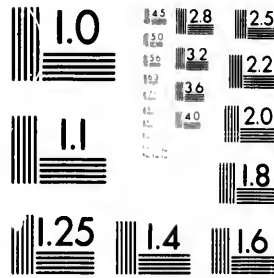
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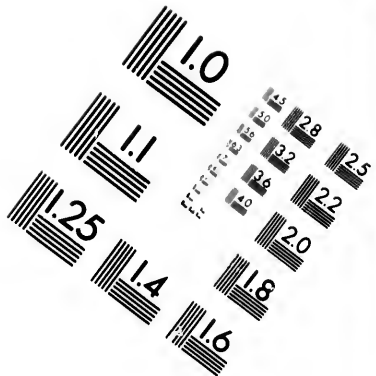
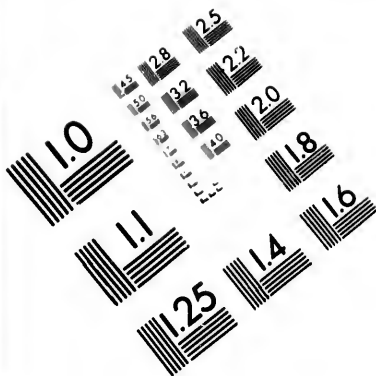
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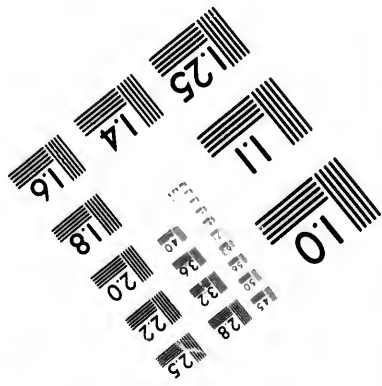
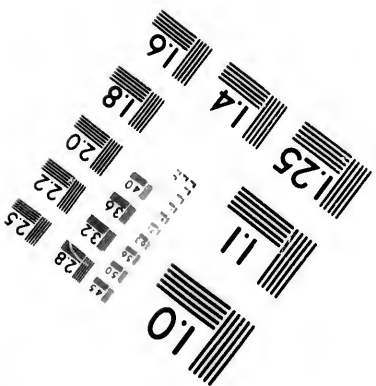
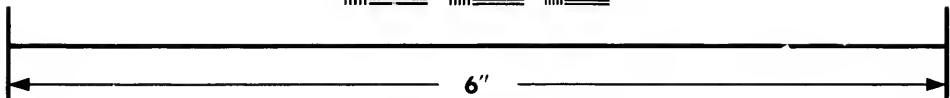
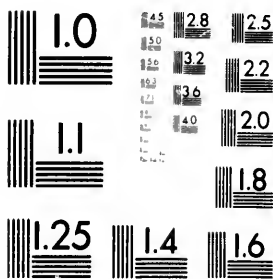
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- Geological features of Meriden, Conn., Chapin.
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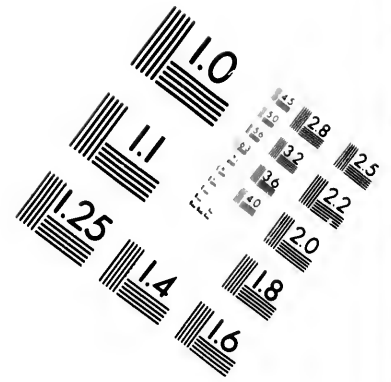
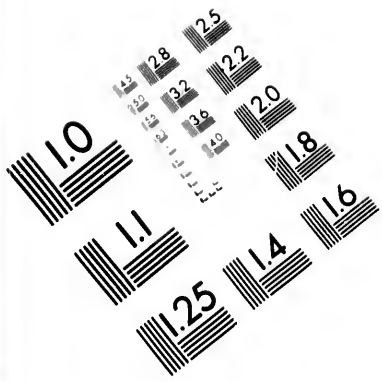
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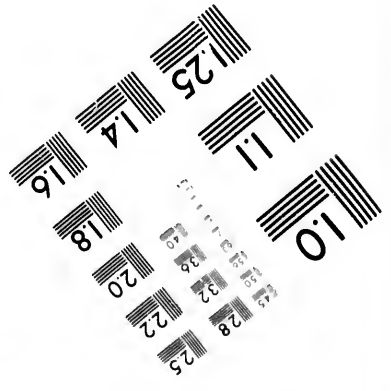
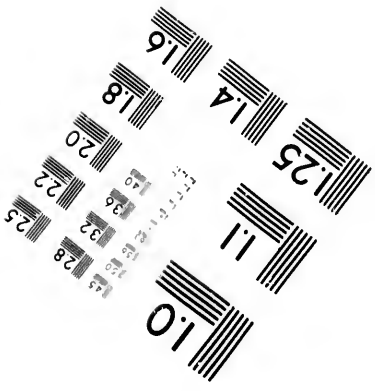
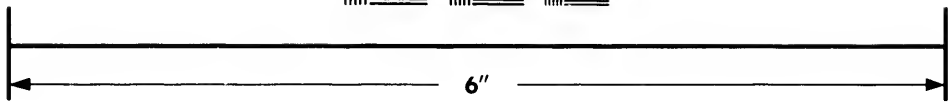
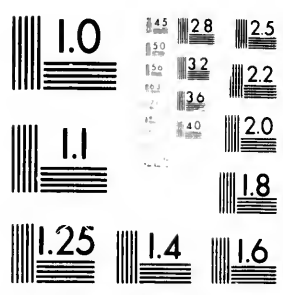
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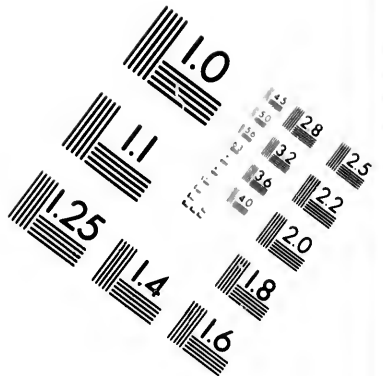
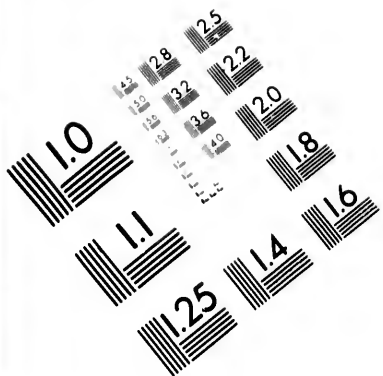
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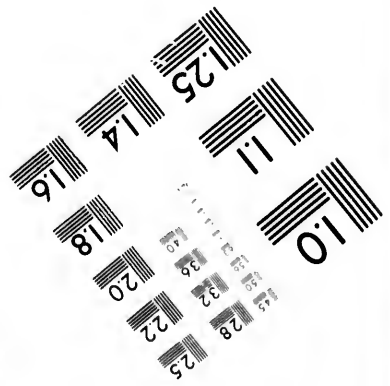
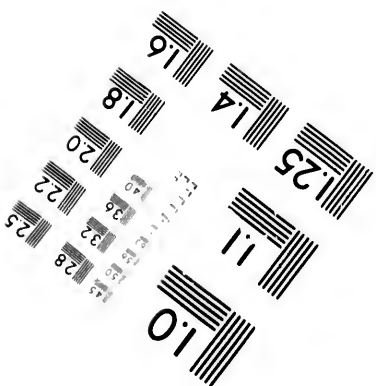
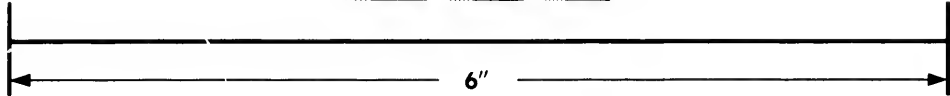
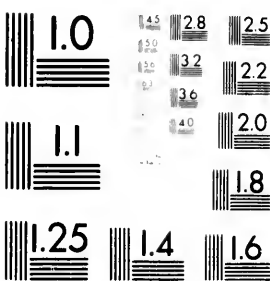
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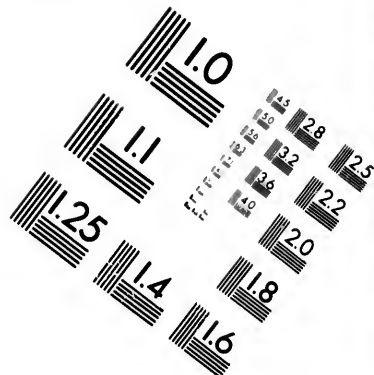
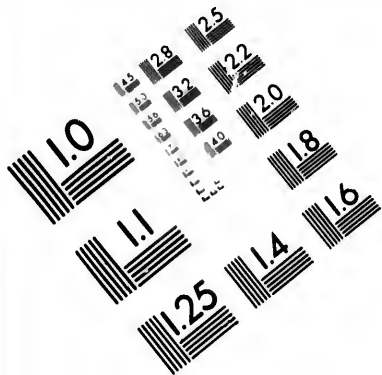
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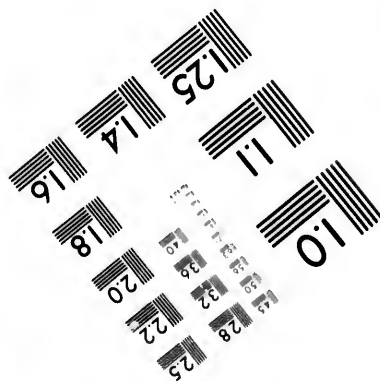
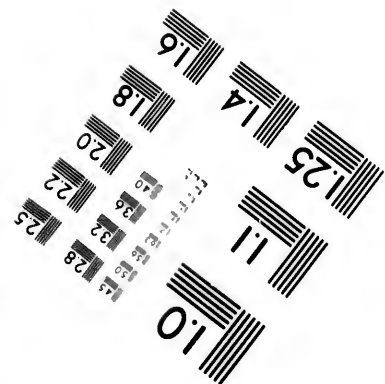
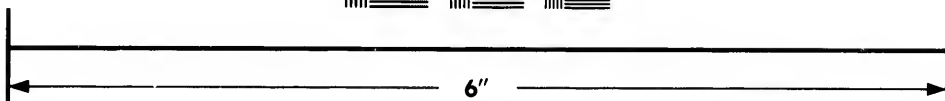
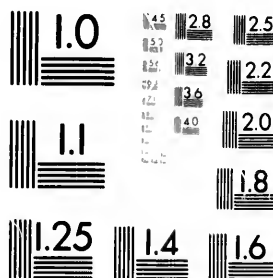
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