GEOLOGY OF STATEN ISLAND PAPERS
A Special Collection in
The Archives and Library of

THE STATEN ISLAND MUSEUM
75 Stuyvesant Place, Staten Island, New York 10301

Arranged by
James Finn

Described by
Gail Schneider

NATIONAL HISTORICAL PUBLICATIONS & RECORDS COMMISSION
Grant Number 79-124
PROVENANCE:

This storage group was set up to provide an arranged and organized grouping of manuscript, typescript, and printed materials collected since the Institute was founded in 1881. The sources of most of the materials were William T. Davis, Arthur Hollick, Nathaniel Lord Britton, and other founders, and in later years, Lee Ellison, Roswell Coles, Hans Behm, Gilbert Wasserman, Louis Pope Gratacap, Irving Glaser, Steven Okulewicz, Davis Von Der Heide, and others.

These materials were deposited over the past 100 years at the Institute to provide systematic and historic source for the study of local geology.

SCOPE & CONTENT:

The years of references covered are 1813 to 1979.

Roswell Coles researched the history of geological investigations on Staten Island and the body of his research is in box 2, folders 38 and 39. His research is arranged chronologically, following his arrangement, and provides a series of transcriptions from publications beginning with 1813. In addition he provided biographical information about early geologists James Pierce, Samuel Akerly, as well as treatises on their records and discoveries. Samuel Robinson (1825) catalogue of American minerals including the section on Staten Island and Samuel Mitchill’s catalogue (1826) are in this series.

Early investigations into serpentine (Akerly, 1842, Lewis C. Beck, idem., Isaacher Cozzens, 1843) are also recorded. Specific articles transcribed regarding rock and mineral systems are grouped within the chronology.

Outside of the Coles series, of special interest are an analysis of Serpentine by Ellison (1950-1952), a manuscript of 14 pages; the Geology of the Great Kills Beach by Okulewicz, an Vonderheide, and The Petrology of the Staten Island Alpine Ultramafic Body by Okulewicz. The last two manuscripts are restricted: they may be consulted, but may not be copied.

The collection also contains the 137-page manuscript on The Geology of the Vanished Limonite Mines of Staten Island by Irving Gaser (1938).


Photographs by Arthur Hollick and Bibbins made at the turn of the century of clay mines and outcrops on Staten Island are also filed.

The researcher should be aware of these special collections in the Institutes Archives which should also be consulted for geological references: the William T. Davis Collection (26.wtd), the Arthur Hollick Collection Staten Island Flora; the Gilbert Wasserman Collection: Papers and Maps; Nathaniel Lord Britton and Britton Family Papers; Staten Island Maps and Atlases (especially for the rare USGS 1902 New York City Atlas).

The collection comprises 3 cubic feet. It is unrestricted except for Folders 57 and 59.
### GEOLOGY OF STATEN ISLAND

#### Box Inventories:

<table>
<thead>
<tr>
<th>Box</th>
<th>Folders</th>
<th>Early geological writings:</th>
<th>1813-1900</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4</td>
<td>1-30</td>
<td>James Pierce, Samuel Akerly, et al. through Hollick</td>
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<table>
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<tr>
<th>Box</th>
<th>Folders</th>
<th>Twentieth-century geology:</th>
<th>1900-1950</th>
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<tbody>
<tr>
<td>2/2</td>
<td>31-63</td>
<td>Dreuckhahn, Garretson, Sears, Broughton, Isaachen, et al., Glaser</td>
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<th>Box</th>
<th>Folders</th>
<th>Since 1950:</th>
<th>1950-1979</th>
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<tr>
<th>Box</th>
<th>Books</th>
<th>Two editions of Gratacap’s Geology of the City of New York, both o.p.</th>
<th>1904, 1909</th>
</tr>
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<tbody>
<tr>
<td>4/4</td>
<td></td>
<td>Cretaceous Flora of Southern New York, A. Hollick</td>
<td>1906</td>
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</tbody>
</table>

#### Oversized material (sharing print box with S.I. Bird and Nature Club)

- S.I. Aqueduct: exploratory borings in vertical profile  ca. 1964
- Contours of vertical magnetic intensity of Staten Island  ca. 1955
- Profiles of vertical magnetic intensity and elevation  ca. 1955
- Vertical scale and dip exaggerated  ca. 1955
GEOLOGY OF STATEN ISLAND

Accretion:

Box 1 A

Folders 1-20

Ephemerae regarding geological incidents and locations on Staten Island 1904-1956