

**GEOLOGICAL SURVEY OF NEW  
JERSEY: ANNUAL REPORT OF  
THE STATE GEOLOGIST, FOR  
THE YEAR 1883**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649058167

Geological Survey of New Jersey: Annual Report of the State Geologist, for the Year 1883 by  
Geo. H. Cook

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Cover @ 2017

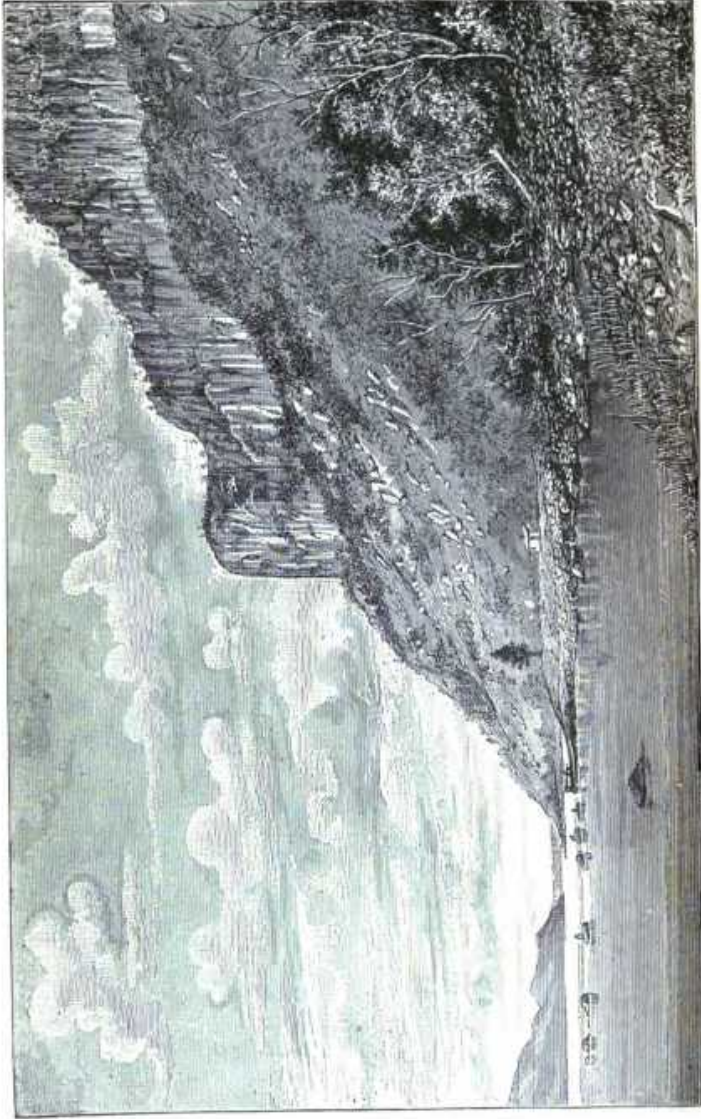
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**GEO. H. COOK**

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VIEW OF COLUMNAR TRAP-ROCK, WITH TALUS OF EARTH, STONE AND FALLEN COLUMNS, COVERING THE UNDERLYING SANDSTONE, PALISADES, OPPOSITE HASTINGS-ON-HUDSON.

GEOLOGICAL SURVEY OF NEW JERSEY.

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ANNUAL REPORT

OF THE

STATE GEOLOGIST,

FOR THE YEAR

1883.

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CAMDEN, N. J.:  
PRINTED BY F. F. PATTERSON.  
1883.



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NEW BRUNSWICK, December 13th, 1883.

*To His Excellency George C. Ludlow, Governor of the State of New Jersey, and ex officio President of the Board of Managers of the State Geological Survey:*

SIR—I have the honor herewith to submit my annual report as State Geologist for the year 1883.

With high respect,

Your obedient servant,

GEO. H. COOK,  
State Geologist.

