

# GEOLOGICAL SURVEY OF NEW JERSEY

HENRY B. KUMMEL, State Geologist

C. C. VERMEULE, Topographer

ORIGINAL SURVEY, 1886  
PRINCIPAL FEATURES REVISED, 1903  
EDITION OF 1913

ATLAS SHEET No. 31



NOTE.—The curved lines are level lines drawn on the earth's surface. All points through which any given line passes are at the same level and their height above mean sea level is shown by the figures on the line. The rise or fall from any line to the next is, at the figure will show, 10 or 20 feet. Figures not on any line show the actual elevation of the surface at a point indicated by a small cross. Figures on Indian River show the depth of water at mean low tide.

Scale: 1 Mile to an Inch.  
0 1000 2000 3000 4000 5000  
Yards  
0 1000 2000 3000 4000 5000  
Meters  
Contour Interval 10 feet

- LEGEND**
- TIDE MARSH
  - FRESH MARSH
  - MARSH BELOW HIGH WATER
  - RECLAIMED LAND (Cultivated)
  - RECLAIMED LAND (Meadow)
  - PINE SWAMP
  - CEDAR SWAMP
  - CRANBERRY BOGS
  - RAILROAD STATIONS
  - Geologic Stations
  - CLAY AND MARL PITS

TOPOGRAPHIC ENGINEER  
Department of  
Conservation & Development  
State House Annex, Trenton, N. J.  
**PERMANENT FILE**  
THESE MAPS FOR REFERENCE ONLY

From Original Surveys and Levelings.  
Based on the Triangulation of the U. S. Coast and Geodetic Survey.