

LEGEND

SEDIMENTARY ROCKS
(Areas of Sedimentary rocks are shown by patterns of parallel lines. Metasomorphism is indicated by short dashes combined with the parallel lines.)

Kr
Raritan Formation
(plastic clay and gravel, possibly including clay part of the Hatteras Formation in eastern portion)

Jn
Newark formation
(red sandstone and shales)

Sh
Hudson schist
(metaschist consisting of biotite and quartz, with garnet, staurolite, fibrolite, and quartzite)

IGNEOUS ROCKS
(Areas of igneous rocks are shown by patterns of triangles and rhombs.)

Jp
Palisade diabase
(intrusive sheet forming the Palisades and small dikes)

sp
Serpentine
(resulting from local alteration of heavy-basaltic lava flows, and allied minerals to basic dikes and masses)

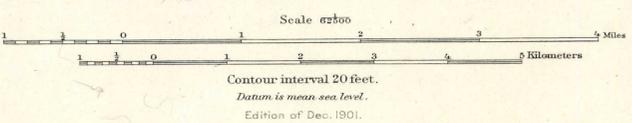
gr
Granite dike
(white to reddish granite and pegmatite)

fnd
Formation not determined
(areas largely covered by drift and artificially made land)

Faults

✕ Quarries, clay pits, and mines
TP Trap rock (diabase and basalt) used for roads
CL Cretaceous clay used for firebrick and stoneware
IRON Ironstone

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Triangulation by U.S. Coast and Geodetic Survey.
Topography by U.S. Coast and Geodetic Survey.
S. H. Bodfish, Frank Sutton, J. W. Thom, and J. H. Wheat.
Surveyed in 1888-89 and 1897 in cooperation with the State of New York,
Campbell W. Adams, State Engineer and Surveyor.



Geology by Arthur Hollick, N. H. Darton,
and Frederick J. H. Merrill.
Surveyed 1883-1900.