

LEGEND

SEDIMENTARY ROCKS
(Areas of Sedimentary rocks are shown by patterns of parallel lines. Metaschistosity is indicated by short dashes perpendicular to the parallel lines.)

Jn
Newark formation
(red sandstone and shales)

Sh
Hudson schist
(microschist consisting of biotite and quartz with garnet, staurolite, fibrolite, and corundum)

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

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

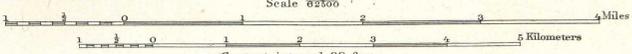
Jw
Watchung basalt
(three successive lava flows interbedded in the Newark formation)

Faults

Hypothetical boundaries
(beneath steep drift)

Q Quaries and clay pits.
TP Trap rock (diabase and basalt) used for roads
SS Sandstone for building stone
C Cretaceous clay used for firebrick and stoneware

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Triangulation by the U.S.C. & G.S.
Topography by Geol. Survey of New Jersey
and by Frank Sutton, W. E. Horton, R. D. Cummin, and E. B. Clark.
Surveyed in 1887, 1889, and 1897.



Contour interval 20 feet.
Datum is mean sea level.
Edition of Dec. 1901.



Geology by N.H. Darton and Frederick J.H. Merrill.
Surveyed 1885-1898.