

LEGEND

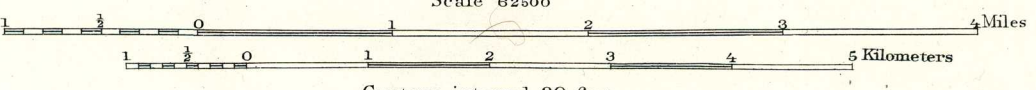
SURFICIAL ROCKS
(Areas of Surficial rocks are shown by patterns of dots and circles.)

- Post-Glacial Epoch**
 - Pml** Made land
 - Pal** Alluvium (in stream bottoms)
 - Ps** Swamp muck (dilat flats not included)
 - Pd** Dunes and dune sand
 - Pip** Shore deposits of Lake Passaic (stratified sand and gravel)
- Epoch of Glacial Retreat**
 - Shore line of Lake Passaic (broken line indicates approximate location)
 - Psd** Stratified drift (locally very thin with occasional rock exposures)
 - Pdk** Stratified drift with kame-like habit
 - Pk** Kames (irregular hills or mounds of stratified drift)
- Epoch of Late Glacial Occupation (Horton)**
 - Pe** Eskers (ridges of stratified drift)
 - Pdt** Stratified drift and till (unifoliated)
 - Pdr** Drumlins and drumloids (elongate elliptical hills of till)
 - Ptt** Thin till (with numerous rock exposures)
 - Pt** Till (with occasional small rock exposures)
- PRE-PLEISTOCENE**
 - bd** Bed rock (larger exposures of bed rock in places covered by thin till or stratified drift)

× GLAY Clay pits in surficial deposits
× S-G Sand and gravel pits

Letter symbols in parentheses indicate the formations which underlie swamp muck and dune sand.

H. M. Wilson, Geographer in charge.
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.



Scale 1:25,000
Contour interval 20 feet.
Datum is mean sea level.

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Geology by Rollin D. Salisbury
and Charles E. Peet.
Surveyed in 1894.