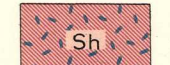


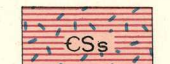


LEGEND

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



Hudson schist  
*(mass schist, consisting of biotite and quartz, with garnet, gneiss, diorite, and cyanite)*



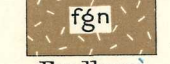
Stockbridge dolomite  
*(coarsely crystalline dolomite, often containing diopside and tremolite)*

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

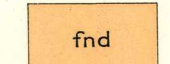


Granite dikes and bosses  
*(white to reddish granite and pegmatite)*

ANCIENT CRYSTALLINE ROCKS  
*(Areas of ancient crystalline rocks of unknown origin are shown by patterns of short dashes.)*



Fordham gneiss  
*(gray banded gneiss of orthoclase, quartz, and biotite)*

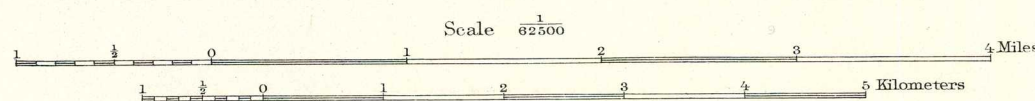


Formation not determined  
*(areas deeply covered by drift and artificially made land)*

Hypothetical boundaries  
*(beneath water waves)*

H. M. Wilson, Geographer in charge  
Triangulation by the U.S. Coast and Geodetic Survey.  
Topography by the U.S. Coast and Geodetic Survey, N.Y. City  
Government, S. H. Bodfish, Frank Sutton, and J. W. Thom.  
Surveyed in 1888-89 and 1897 in cooperation with the State of New York.  
Campbell W. Adams, State Engineer and Surveyor.

Geology by Frederick J. H. Merrill.  
Surveyed 1883-1900.



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