AREAL GEOLOGY

U.S. GEOLOGICAL SURVEY
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STATE OF MAINE
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COMMISSIONERS

MAINE
(KNOX COUNTY)
ROCKLAND QUADRANGLE

LEGEND

SEDIMENTARY ROCKS

(Areas of subaqueous deposits are shown by patterns of parallel lines; metamorphism is indicated by hachures combined with the line patterns.)

Rockland formation *(white to purple crystalline limestone, limestone conglomerate, and shaly limestone, comprising Rockport limestone member, €Or, with greenish siliceous limestone member, €Os, and Waskeag quartzite member, €Ow, locally at the base)*

Metamorphosed sedimentary rocks *(principally Penobscot formation, injected and further metamorphosed by granite, diorite, and diabase)*

Penobscot formation *(regionally metamorphosed rocks, chiefly slate and schist)*

Battie quartzite *(quartzite and quartzite conglomerate)*

Islesboro formation and Coombs limestone member, €c *(slate and schist with shaly, and occasionally pure limestones, €c)*

CAMBRO-ORDOVICIAN?

CAMBRIAN?

IGNEOUS ROCKS

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

Biotite-granite *(fine, medium, and coarse-grained granite)*

Diorite, diabase, and gabbro

SILURIAN OR DEVONIAN

Faults

Geology by Edson S. Bastin, under the supervision of George Otis Smith.
Surveyed in 1905.

SURVEYED IN COOPERATION WITH THE STATE OF MAINE.

H.M. Wilson, Geographer.
Hersey Munroe, in charge of section.
Topography by U.S. Coast and Geodetic Survey and T. Foster Slaughter.
Triangulation by U.S. Coast and Geodetic Survey.
Surveyed in 1904.

SURVEYED IN COOPERATION WITH THE STATE OF MAINE.

Scale 1/62500

1 0 1 2 3 4 Miles

1 0 1 2 3 4 5 Kilometers

Contour interval 20 feet.
Datum is mean sea level.

Edition of Mar 1908

APPROXIMATE MEAN DECLINATION 1904.