


PLATE IV.—MICROPHOTOGRAPH OF DARK-RED RHYOLITE OF EASTPORT FORMATION, SHOWING FLOW-BRECCIA STRUCTURE. Magnified 30 diameters. East shore of South Bay opposite Long Island.

PLATE V.—MICROPHOTOGRAPH OF NEARLY BLACK RHYOLITE IN EASTPORT FORMATION, SHOWING FLOW-BRECCIA STRUCTURE. Magnified 30 diameters. East shore of South Bay opposite Long Island.

PLATE VI.—FLOW-BRECCIA STRUCTURE IN ANDESITE OF THE EDMUNDS FORMATION. Near the point where Pembroke-Dennysville road crosses Wilson Stream. Fragments of highly porphyritic andesite are enclosed in a dark-red aphanitic matrix.

PLATE VII.—COARSE VOLCANIC TUFF OF GRAY RHYOLITE OF EASTPORT FORMATION. Shore of Moose Island, due south of Carlow Island.


PLATE IX.—SURFACE OF LOWER DIABASE FLOW OF PERRY FORMATION. On shore 1 mile north of Perry. Shows abundance of calcite amygdules.

PLATE X.—VIEW LOOKING EAST FROM THE NECK BETWEEN JOHNSON AND CARRYINGPLACE COVES. Showing the topographic position of the gravel pit shown in Plate XI. The structure of the gravels show that they were deposited in the ocean when the land stood at least 100 feet lower than at present. The flats in the right foreground are marine clays.

PLATE XI.—GRAVEL PIT AT MCCOY FARM, NEAR CARRYINGPLACE COVE, MOOSE ISLAND, LOOKING EAST. The gravels are about 30 feet thick and overlie marine clays. They show inclined structure typical of deposition in standing water. The inclined beds dip 30°-35° N.

PLATE XII.—HILL NORTHWEST OF JOHNSON COVE. View looking east, showing the cliff-like profile of the south end of the hill, due possibly to marine erosion. The cliff is fronted on the south by gravels with “foreset” beds.

PLATE XIII.—ROCK OUTCROPS FLANKED BY FLATS OF GLACIO-MARINE GRAVELS. Northern part of the city of Eastport. The form of the outcrops is suggestive of wave erosion.

PLATE XIV.—BOWLDERS-STORED TERRACE OF SAND AND CLAY BORDERING THE TIDAL FLAT SHOWN IN PLATE XV. Probably formed on a tidal flat when the land stood at a lower level.

PLATE XV.—BOWLDERS-STREWN TIDAL FLAT, EAST SHORE OF LUBEC NECK.
PLATE XVI.-FAUNAS OF QUODDY AND DENNYS FORMATIONS.
Figures 1-12, Quoddy formation; figures 13-31, Dennys formation.

PLATE XVII.-FAUNA OF EDMUNDS FORMATION.

PLATE XVIII.-FAUNA OF EDMUNDS FORMATION.

PLATE XIX.-FAUNA OF EDMUNDS FORMATION.

PLATE XX.-FAUNA OF PEMBROKE FORMATION.

PLATE XXI.-FAUNA OF PEMBROKE FORMATION.

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PLATE XXIII.-FAUNA OF EASTPORT FORMATION.