AREAL GEOLOGY STATE OF MARYLAND WILLIAM BULLOCK CLARK
STATE GEOLOGIST
(Tolchester) MARYLAND U.S.GEOLOGICAL SURVEY CHOPTANK QUADRANGLE GEORGE OTIS SMITH, DIRECTOR 39 00 76 30 LEGEND NNAPOLIS Greenbury Pt
ANNAROLIS SEDIMENTARY ROCKS ROADS Talbot
formation
(loam, send, and grow
with clay lenses and
borne bowlders; formterraces and towlane
from 0 to 50 feet abor
sea level) UNCONFORMITY Wicomico formation (loam, sand, and gravel, with ice borne bowlders; covers rolling terraces and divides from 40 to 100 feet above sea level/ UNCONFORMITY Saunders Pt Choptank formation (fine sand, sandy clay, and shell mark) UNCONFORMITY Calvert Curtis Pt (blue clay, sandy clay, shell marl, and diato-The Three Sisters UNCONFORMITY Qt ... Horseshoe Pt Herring Wades Pt Nanjemoy formation (glauconitic sand, pink clay, and shell marl) Franklin Pt Aquia formation ECONOMIC AND STRUCTURE DATA & Gravel, sand, marl, and clay pits o 485 Artesian wells, showing depth F Indicates flowing wells Depth below sea level of Miocene artesian water horizon Depth below sea level of Eocene artesian water horizon TILGHMAN ISLAND Depth below sea level of Cretaceous artesian water horizon (water in Magolly formation; yields flowing wells 10 to 40 feet above sealevel.) TA/NK-Dashed lines indicate approx-imate location Todds Pt Sharps Island Ragged Pt Topography by U.S.Geological Survey.
Reduced from Annapolis, Oxford, St Michaels, and Geology by B.L.Miller, assisted by H.P.Little. Surveyed in 1905-1910. Scale 125000 5 Miles Sharps Island atlas sheets. SURVEYED IN COOPERATION WITH THE STATE OF MARYLAND. Shoreline topography by Coast and Geodetic Survey.

Control by Coast and Geodetic Survey and U.S.Geological Survey.

Surveyed in 1902. $1 \stackrel{\frac{1}{2}}{=} 0$ 1 2 3 4 5 Kilometers Contour interval 10 feet, SURVEYED IN COOPERATION WITH THE STATE OF MARYLAND. APPROXIMATE MEAN DECLINATION 1902. except in Anne Arundel Co., where it is 20 feet. Datum is mean sea level.

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