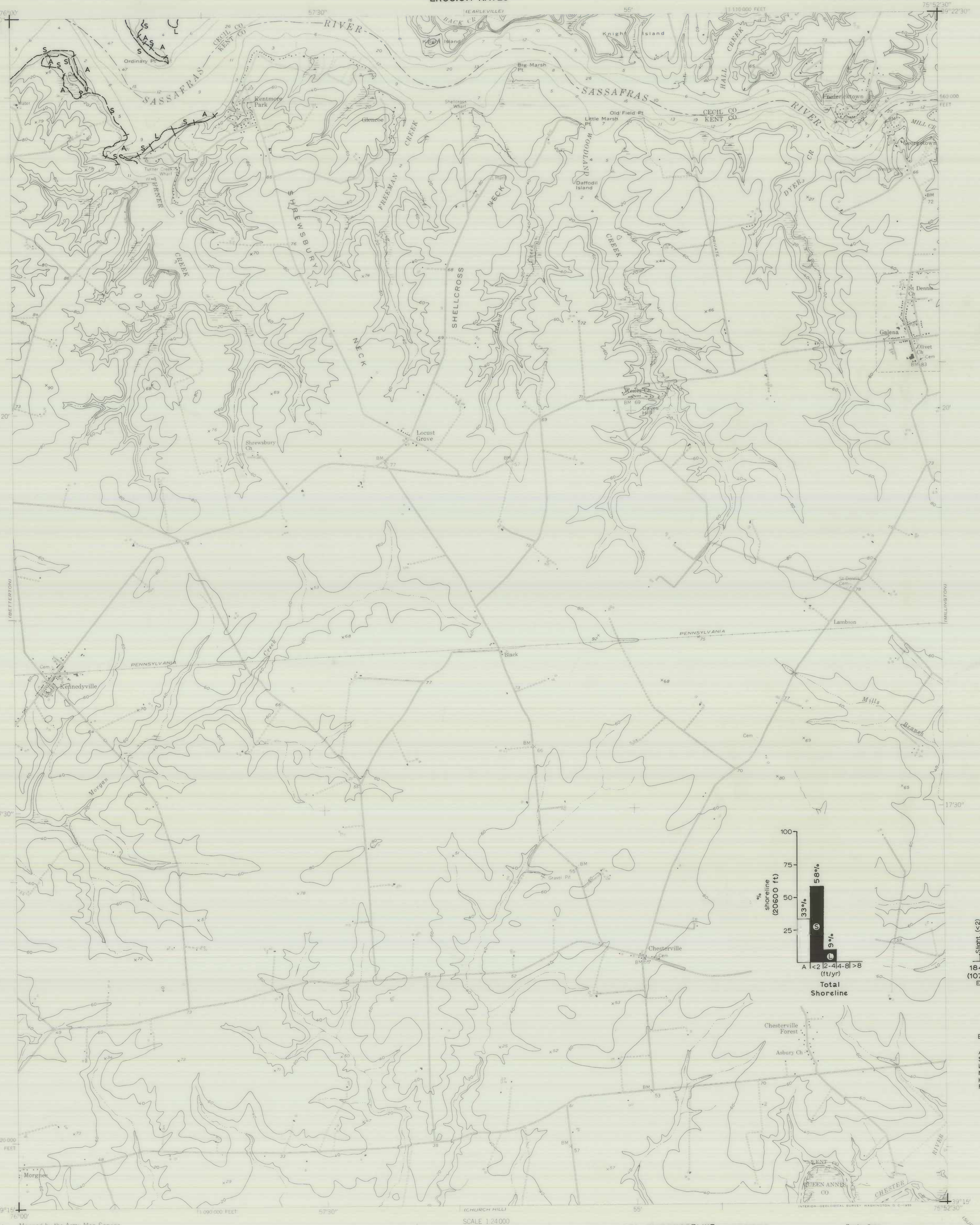
PLAN HOLD
PEEL PROTECTIVE STRIP TO EXPOSE ADHESIVE. POSITION EDGE OF PRINT ON THIS LINE AND RUB TO ADHERE.
PLAN HOLD CORPORATION IRVINE CALIFORNIA

DRAWING NUMBER
CZM 49B
GALENA

CZM MAP 49 B

HISTORICAL SHORELINES AND EROSION RATES

GALENA QUADRANGLE
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 CECILTON 15' QUADRANGLE



Slight (<2)
Low (2-4)
Moderate (4-8)
High (>8)
1846 to 1953 (107 yr period) Erosion Rate Scales (ft/yr)

Erosion Rate Symbols
A.....accretion
S.....slight
L.....low
M.....moderate
H.....high
F.....fill

Mapped by the Army Map Service
Edited and published by the Geological Survey

Control by USGS and USC&GS

Culture and drainage in part compiled from aerial photographs taken 1937 and 1942. Topography by plane-table surveys
Culture revised by the Geological Survey 1953
Hydrography from USC&GS chart 572 dated 1941

Map prepared by Maryland Geological Survey with funds from National Oceanographic Atmospheric Administration (NOAA) made available through Department of Natural Resources Coastal Zone Management Program
Compiled by Robert D. Conkwright, 1975
Basic data from M.G.S. Bulletin 6

MAGNETIC NORTH
TRUE NORTH
APPROXIMATE MEAN DECLINATION, 1953

SCALE 1:24 000
1 MILE
1 KILOMETER

CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES AND SOUNDINGS IN FEET—DATUM IS MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS 2 FEET

1846 SHORELINE - - - - - - - -
BASE MAP SHORELINE 1953

MARYLAND
QUADRANGLE LOCATION

Erosion Rates

Exact erosion rates can be calculated by dividing the distance between shorelines by the difference in their dates. Erosion rate categories can be estimated by using the Erosion Rate Scale in the right-hand margin. Place the left-hand line of the scale against the earliest shoreline and read the name of the erosion rate category.

GALENA, MD.
SW/4 CECILTON 15' QUADRANGLE
N3915—W7552.5/7.5

1953