(200)
R290
No. 1941

BELTSVILLE, MD.

74. 1129.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BELTSVILLE QUADRANGLE
MARYLAND
7.5 MINUTE SERIES (TOPOGRAPHIC)
SW/4 LAUREL 15' QUADRANGLE

74-1129

Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, USSCS, and WSSC

Topography by photogrammetric methods from aerial photographs taken 1955. Field checked 1956. Revised 1964

Polyconic projection. 1927 North American datum
10,000-foot grid based on Maryland coordinate system
1000-meter Universal Transverse Mercator grid ticks, zone 18, shown in blue

Fine red dashed lines indicate selected fence and field lines where generally visible on aerial photographs. This information is unchecked

Red tint indicates areas in which only landmark buildings are shown

(WASHINGTON WEST) 5561 I NE

UTM GRID AND 1971 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

7½° 133 MILS — 1°13' 22 MILS

SCALE 1:24 000

1 — ½ — 0 — 1 MILE

1000 — 0 — 1000 — 2000 — 3000 — 4000 — 5000 — 6000 — 7000 FEET

1 — .5 — 0 — 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Heavy-duty — Light-duty
Medium-duty — Unimproved dirt
Interstate Route — U. S. Route — State Route

(LANHAM) 5661 IV NE

MARYLAND
QUADRANGLE LOCATION

Revisions shown in purple compiled from aerial photographs taken 1971. This information not field checked
Purple tint indicates extension of urban areas

BELTSVILLE, MD.
SW/4 LAUREL 15' QUADRANGLE
N3900—W7652.5/7.5

1964
PHOTOREVISED 1971
AMS 5662 III SW—SERIES V833

MAP SHOWING CONTOURS ON THE CRYSTALLINE BEDROCK SURFACE AND RELATED GEOLOGIC DATA
BELTSVILLE QUADRANGLE, MARYLAND

By

Charles F. Withington and Albert J. Froelich

EXPLANATION

+200
+150

Generalized contours on sound crystalline bedrock surface. Contour Interval 50 feet; datum is mean sea level

X 365
Outcrop and elevation of sound crystalline bedrock

X 5
Outcrop or exposure of saprolite

DRILL HOLES FROM WHICH SUBSURFACE DATA WERE OBTAINED *

● 365
Drill hole, reported location, showing elevation in feet at which sound crystalline bedrock was cut.

ϕ 286?
Drill hole, approximately located, showing elevation in feet at which sound crystalline bedrock is inferred.

X OC
Locality of clay rich in organic matter (mainly plant material)

X G
Garnet locality

X 37 Tug gvl
Location and identification of samples, analysis of which are available on open file. gvl - gravel; ss - sand; cl - clay

* Principal sources of data are drillers logs of water wells reported in the following:

Dingman, R. J. and Meyer, Gerald, 1954, The ground-water resources, in The water resources of Howard and Montgomery Counties, Maryland Dept. Geol., Mines and Water Resources Bull. 14, p. 1-139.

Johnston, P.M., 1964, Geology and ground-water resources of Washington, D.C., and vicinity. U.S. Geol. Survey Water Supply Paper 1776, 97 p. and Appendix A.

Mack, F.K., 1966, Ground water in Prince Georges County: Maryland Geol. Survey Bull. 29, 101 p.

U.S. Geological Survey Water Resources Division, District Office, Parkville, Md.: Unpublished well records.

U. S. Geological Survey
OPEN FILE MAP
This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.