

EXPLANATION
SEDIMENTARY ROCKS

SHEET SYMBOL SECTION SYMBOL

Qt
Talbot formation
(gravel and sand on terraces 60 to 40 feet above sea level)

Qs
Sunderland formation
(gravel and sand on terraces 180 to 100 feet above sea level)

Qb
Brandywine gravel
(thin gravel on terrace 200 feet above sea level)

Tbm
Bryn Mawr gravel
(chiefly thin gravel on uplands 100 to 200 feet above sea level)

UNCONFORMITY

Oc Oc
Conestoga limestone
(thin-bedded blue to white granular limestone, with micaceous laminations and dark silty partings; limestone overlies shale)

UNCONFORMITY (EROSION AND OVERLAP)

Ec Ca
Elbrook limestone
(fine-grained earthy laminated white crystalline limestone and dolomite)

Cl Cl
Ledger dolomite
(gray to white pure granular crystalline dolomite and some limestone)

pck pck
Peters Creek schist
(green, finely laminated muscovite-quartzite muscovite-chlorite schist)

wcs wms
Wissahickon formation
(in northern part, albite-chlorite schist facies, wcs, in part muscovite schist; south of Peach Bottom, albite, oligoclase-mica schist facies, wms, in part muscovite schist and in part biotite gneiss)

cv cv
Cockeysville marble
(white or light-gray ankeritic marble)

sr sr
Setters formation
(buff quartzite and gray biotite-quartzite)

UNCONFORMITY

fl
Franklin limestone
(white, somewhat banded, usually granitic-bearing crystalline marble)

bgn bgn
Baltimore gneiss
(biotite or hornblende gneiss, a recrystallized schist; in part massive, with little banding; in part graphitic-bearing muscovite-biotite gneiss, bgn; in places locally injected with gabbro, bgn)

IGNEOUS ROCKS

Rdb Rdb
Diabase
(granular to fine-grained; generally weathered to small rounded rusty ironstone masses)

pg pg
Pegmatite
(coarsely crystalline orthoclase, quartz, and mica; only larger dikes shown)

sp sp
Serpentine
(more or less altered peridotite and pyroxenite; includes some magnesian, intrusive masses and dikes)

gb gb
Gabbro
(large intrusive masses and dikes)

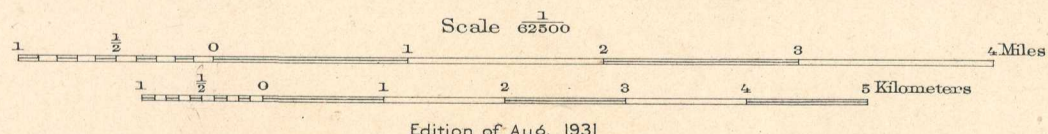
od
Older diabase
(dikes of fine-grained labradorite-hornblende rocks)

grn
Granite gneiss
(granular fine-grained orthoclase-andesine-biotite rocks)

Fault

T, Overthrust side of thrust fault

H.M. Wilson, Geographer in charge.
Control by U.S. Coast and Geodetic Survey and Sledge Tatum.
Topography by J.H. Wheat and J.M. Whitman, Jr.
Surveyed in 1901 in cooperation with the State of Pennsylvania.



Edition of Aug. 1931

Pre-Cambrian rocks surveyed by F. Bascom in 1902-1923.
Cambrian and Ordovician rocks surveyed by G.W. Stose in 1922-1923.