

MAP UNITS FOR THE GENERALIZED GEOLOGIC MAP OF THE UNITED STATES, PUERTO RICO, AND THE U.S. VIRGIN ISLANDS, 2005

SEDIMENTARY ROCKS

(Includes mixed sedimentary and volcanic rocks)

Q	Quaternary
nT	Neogene
pgT	Paleogene
KT	Cretaceous and Tertiary
K	Cretaceous
Mz	Mesozoic
IMz	Lower Mesozoic (Triassic and Jurassic)
PzMz	Paleozoic and Mesozoic
Pz	Paleozoic
uPz	Upper Paleozoic (Pennsylvanian and Permian)
mPz	Middle Paleozoic (Silurian, Devonian, and Mississippian)
lPz	Lower Paleozoic (Cambrian and Ordovician)
ZPz	Late Proterozoic and lower Paleozoic
P	Proterozoic
Z	Late Proterozoic
Y	Middle Proterozoic
X	Early Proterozoic
A	Archean

VOLCANIC ROCKS

Qv	Quaternary
Tv	Tertiary
nTv	Neogene
TQv	Tertiary and Quaternary
pgTv	Paleogene
KTv	Cretaceous and Tertiary
Mzv	Mesozoic
Kv	Cretaceous
IMzv	Lower Mesozoic (Triassic and Jurassic)
PzMzv	Paleozoic and Mesozoic
Pzv	Middle Paleozoic
Pzv	Paleozoic
lPzv	Lower Paleozoic
ZPzv	Late Proterozoic and lower Paleozoic
Zv	Late Proterozoic
Yv	Middle Proterozoic
Xv	Early Proterozoic

 Glacier, river, or water body

 Wisconsin glacial limit

 Pre-Wisconsin glacial limit



PLUTONIC ROCKS

(Suffix "g" indicates granitic rocks; "i," intermediate rocks; "m," mafic rocks; "u," ultramafic rocks; "a," anorthosite)

Tg	Tertiary
nTg	Neogene
pgTg	Paleogene
pgTi	
pgTm	Cretaceous and Tertiary
KTg	
Kg	Cretaceous
Mzg	Mesozoic
IMzg	Lower Mesozoic
IMzm	
IMzu	Paleozoic and Mesozoic
PzMzm	
uPzg	Upper Paleozoic
mPzg	Middle Paleozoic
mPzm	
Pzg	Paleozoic
lPzg	Lower Paleozoic
ZPzg	Late Proterozoic and lower Paleozoic
ZPzm	
Pg	Proterozoic
Zg	Late Proterozoic
Yg	Middle Proterozoic
Ym	
Ya	Early Proterozoic
Xg	
Xm	Archean
Ag	
u	Age uncertain

METAMORPHIC ROCKS

(Suffix "n" indicates gneisses and associated rocks)

	Phanerozoic (amphibolite facies)
	Phanerozoic (blueschist facies)
Pzn	Paleozoic
ZPzn	Late Proterozoic and lower Paleozoic
Zn	Late Proterozoic
Yn	Middle Proterozoic
Xn	Early Proterozoic
An	Archean
n	Age uncertain

 Geologic contact

 Fault—Dashed where inferred

 Normal fault

 Thrust fault

 Low-angle detachment fault

 Strike-slip fault