



Period	Formation	Symbol	Color/Pattern
Quaternary	Alluvium	Qal	Yellow
	Tertiary lake beds (shaly clay and sand with some silty and conglomerate)	Tib	Orange
Tertiary	Phosphoria formation (shale sandstone and limestone with a thin bed of rock phosphate)	Cp	Blue
	Quadrant quartzite	Gq	Light blue
Carboniferous	Madison limestone	Cm	Light blue
	Limestone and shale	Dis	Light blue
Devonian	Limestone and shale above Wolsey shale	Cls	Light blue
	Wolsey shale	Cw	Light blue
Cambrian	Flathead quartzite	Cf	Light blue
	Helena limestone	Ah	Light blue
Algonkian	Empire shale	Ae	Light blue
	Spokane shale	As	Light blue
Precambrian	Greyson shale	Ag	Light blue
	Newland limestone	An	Light blue
Cretaceous	Empire shale and Spokane shale (undifferentiated)	Aes	Light blue
	Cambrion above the Flathead (undifferentiated)	Cu	Light blue
Cretaceous	Quartz monzonite	qm	Light blue
	Andesite and latite (Charley flow)	al	Light blue
Cretaceous	Quartz diorite dikes and stock of York-Confederate Gulch area	Tqd	Light blue
	Andesite of White Gulch	Ta	Light blue
Cretaceous	Basalt (Charley flow)	Tb	Light blue
	Tuff	Tt	Light blue

Base from U. S. General Land Office and U. S. Forest Service Surveyed in 1928

GEOLOGIC MAP AND SECTIONS OF YORK-CONFEDERATE GULCH AREA

Geology by J. T. Pardee and Russell Gibson Surveyed in 1929

