

Group or Formation	Period	Notes
Alan Mountain Limestone	Carboniferous	
Amsden Formation	Carboniferous	
Arikaree Formation	Neogene	
Bear Formation	Paleogene	
Bearpaw Formation	Cretaceous	
Bearpaw Shale	Cretaceous	
Benton Shale	Cretaceous	
Big Snowy Formation	Carboniferous	
Big Snowy Group/Heath Formation	Carboniferous	
Blackleaf Formation	Cretaceous	
Blacktail Deer Creek Formation	Cretaceous	
Cameron Creek Formation	Carboniferous	
Castle Reef Dolomite	Carboniferous	
Claggett Formation	Cretaceous	
Claggett Shale	Cretaceous	
Climbing Arrow Formation	Paleogene	
Cloverly Formation	Cretaceous	
Cody Shale	Cretaceous	
Colorado Group/Belle Fourche Formation	Cretaceous	
Cook Ranch Formation	Paleogene	
Deadwood Formation	Ordovician, Cambrian	
Dearborne Limestone	Cambrian	
Deep River Formation	Neogene	
Dell Beds Formation	Paleogene	
Dinwoody Formation	Triassic	
Dunbar Creek Formation	Paleogene	
Eagle Formation	Cretaceous	
Ellis Formation	Jurassic	
Flaxville Gravels Formation	Neogene	
Fort Union Formation	Paleogene, Cretaceous	
Fort Union No. 3 Beds (Melville) Formation	Paleogene	
Fort Union Group/Tullock Formation	Paleogene	
Fox Hills Sandstone	Cretaceous	
Graneros Shale	Cretaceous	
Greyson Shale	United States	
Heath Formation	Carboniferous	
Heath Shale	Carboniferous	
Hell Creek Formation	Paleogene, Cretaceous	
Hepburn's Mesa Formation	Neogene	
Horsethief Formation	Cretaceous	
Jefferson Formation	Devonian	
Judith River Formation	Cretaceous	
Kishenehn Formation	Paleogene	

Kootenai Formation	Cretaceous
Lance Formation	Cretaceous
Lebo Formation	Paleogene
Livingston Formation	Paleogene
Lodgepole Limestone	Carboniferous
Ludlow Formation	Paleogene
Ludlow? Formation	Paleogene
Madison Group/Lodgepole and Mission Canyon Format	Mississippian
Madison Valley Formation	Neogene
Madison Valley Equivalent Formation	Neogene
Madison Group/Allan Mountain Limestone	Carboniferous
Madison Group/Lodgepole Formation	Carboniferous
Madison Group/Lodgepole Limestone	Carboniferous
Marias River Shale	Cretaceous
Meagher Formation	Cambrian
Melville Formation	Paleogene
Montana Formation	Cretaceous
Montana Group/Eagle Sandstone	Cretaceous
Montana Group/Hell Creek Formation	Cretaceous
Montana Group/Judith River Formation	Cretaceous
Montana Group/Two Medicine Formation	Cretaceous
Morrison Formation	Jurassic
Mowry Shale	Cretaceous
Otter Formation	Carboniferous
Pagoda Formation	Cambrian
Park City Formation	Permian
Passamari Formation	Paleogene
Passamari Formation	Paleogene
Pentagon Formation	Cambrian
Phosphoria Formation	Permian
Pierre Shale	Cretaceous
Pilgrim Formation	Cambrian
Polecat Bench Formation	Paleogene
Renova Formation	Paleogene
Ruby River Basin Group/Renova Formation	Paleogene
Sage Creek Formation	Paleogene
Sappington Formation	Carboniferous, Devonian
Sawtooth Formation	Jurassic
Shedhorn Formation	Permian
Shell Creek Shale	Cretaceous
Sixmile Creek Formation	Neogene
Snowy Range Formation	Cambrian
St. Mary River Formation	Cretaceous
Telegraph Creek Formation	Cretaceous

Thaynes Formation	Triassic
Thermopolis Shale	Cretaceous
Three Forks Formation	Devonian
Three Forks Shale	Devonian
Tongue River Formation	Paleogene
Toston Formation	Paleogene
Tulloch Formation	Paleogene
Two Medicine Formation	Cretaceous
Upper Hell Creek Formation	Cretaceous
Virgelle Sandstone	Cretaceous
White River Formation	Paleogene
Willow Creek Formation	Cretaceous
Wiota Gravels Formation	United States
Wolsey Formation	Cambrian
Wolsey Shale	Cambrian