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Table 1.—Generalized correlation chart of Paleozoic rocks

SYSTEM	SERIES	POWDER RIVER BASIN	SOUTH CENTRAL MONTANA	WESTERN SOUTH DAKOTA	WILLISTON BASIN	CENTRAL MONTANA TROUGH	NORTH CENTRAL MONTANA
JURASSIC	MIDDLE JURASSIC	Piper Formation	Piper Formation	Gypsum Spring Formation	Piper Formation	Piper Formation	Piper Formation
TRIASSIC			Chugwater Formation			Chugwater Formation	
PERMIAN	UPPER PERMIAN	Goose Egg Formation		Spearfish Formation	Spearfish Formation		
	LOWER PERMIAN			Minnekahta Limestone	Minnekahta Limestone		
PENNSYLVANIAN				Opeche Formation	Opeche Formation		
	UPPER PENNSYLVANIAN	Tensleep Sandstone			Minnelusa Formation		
	MIDDLE PENNSYLVANIAN		Tensleep Sandstone	Minnelusa Formation		Tensleep Sandstone	
	LOWER PENNSYLVANIAN	Amsden Formation	Amsden Formation		Amsden Group (upper part)	Amsden Group (upper part)	
					Tyler Formation	Tyler Formation of Amsden Group	
MISSISSIPPIAN	UPPER MISSISSIPPIAN				Big Snowy Group	Heath Formation Otter Formation Kibbey Formation	
						Big Snowy Group	Heath Formation Otter Formation Kibbey Formation
	LOWER MISSISSIPPIAN	Madison Limestone	Madison Group	Madison Limestone or Pahasapa Limestone	Madison Group	Madison Group	Madison Group
			Charles Formation		Charles Formation	Charles Formation	
			Mission Canyon Limestone		Mission Canyon Limestone	Mission Canyon Limestone	Mission Canyon Limestone
			Lodgepole Limestone		Lodgepole Limestone	Lodgepole Limestone	Lodgepole Limestone
DEVONIAN	UPPER DEVONIAN	Three Forks Formation	Three Forks Formation	Englewood Formation	Bakken Formation	Bakken Formation	Bakken Formation
		Jefferson Formation	Jefferson Formation				
	MIDDLE DEVONIAN				Three Forks Formation	Three Forks Formation	Three Forks Formation
					Birdbear Formation		Birdbear Formation
	LOWER DEVONIAN				Duperow Formation	Jefferson Formation	Duperow Formation
					Souris River Formation		Souris River Formation
SILURIAN	UPPER SILURIAN						
	MIDDLE SILURIAN						
	LOWER SILURIAN	Interlake Formation			Interlake Formation		
ORDOVICIAN	UPPER ORDOVICIAN	Bighorn Dolomite	Bighorn Dolomite	Red River Formation or Whitewood Dolomite	Stony Mountain Formation	Red River Formation	Red River Formation
	MIDDLE ORDOVICIAN	Winnipeg Formation		Winnipeg Formation	Winnipeg Formation	Winnipeg Formation	Winnipeg Formation
	LOWER ORDOVICIAN						
CAMBRIAN	UPPER CAMBRIAN	Snowy Range Formation or Gallatin and Gros Ventre Formations or equivalents	Deadwood Formation	Deadwood Formation	Deadwood Formation	Emerson Formation	Emerson Formation
	MIDDLE CAMBRIAN	Flathead Sandstone	Flathead Sandstone			Flathead Sandstone	Flathead Sandstone
	LOWER CAMBRIAN						
PRECAMBRIAN							