

NORTHEASTERN MONTANA

QUATERNARY	Qa	Alluvium
	Qd	Glacial deposits
	Qf	Fluvial deposits
TERTIARY	Tt	Fort Union Formation
	Kh	Hell Creek Formation
	Kd	Beaumont Shale
	Kj	Judith River Formation
	Kg	Claggett Shale
	Ke	Eagle Sandstone
	Kc	Colorado Shale
	Kb	Kootenai Formation
	Ka	Morrison Formation
	K9	Ellis Group
	K8	Quadrant Formation
	K7	Ames Formation
	K6	Big Snowy Group
	K5	Madison Group
	K4	Snowy Range Formation
	K3	Pilgrim Limestone
	K2	Wobey and Park Shales
	K1	Flathead Sandstone
	K0	Belt shales

BIG SNOWY MOUNTAINS, BULL MOUNTAINS
BASIN, AND ADJACENT AREAS IN CENTRAL MONTANA

QUATERNARY	Qa	Alluvium
	Qd	Terrace deposits
	Qf	Fort Union Formation
	Kh	Hell Creek Formation
	Kd	Beaumont Shale
	Kj	Judith River Formation
	Kg	Claggett Shale
	Ke	Eagle Sandstone
	Kc	Colorado Shale
	Kb	Kootenai Formation
	Ka	Morrison Formation
	K9	Ellis Group
	K8	Quadrant Formation
	K7	Ames Formation
	K6	Big Snowy Group
	K5	Madison Group
	K4	Snowy Range Formation
	K3	Pilgrim Limestone
	K2	Wobey and Park Shales
	K1	Flathead Sandstone
	K0	Belt shales

BIGHORN MOUNTAINS, PRYOR MOUNTAINS,
AND WESTERN POWDER RIVER BASIN

QUATERNARY	Qa	Alluvium
	Qd	Monocline Conglomerate
	Qf	Artisan Formation
	Qg	White River Formation
TERTIARY	Tt	Fort Union Formation
	Kh	Hell Creek Formation
	Kd	Beaumont Shale
	Kj	Judith River Formation
	Kg	Claggett Shale
	Ke	Eagle Sandstone
	Kc	Colorado Shale
	Kb	Kootenai Formation
	Ka	Morrison Formation
	K9	Ellis Group
	K8	Quadrant Formation
	K7	Ames Formation
	K6	Big Snowy Group
	K5	Madison Group
	K4	Snowy Range Formation
	K3	Pilgrim Limestone
	K2	Wobey and Park Shales
	K1	Flathead Sandstone
	K0	Belt shales

SOUTHWESTERN POWDER RIVER BASIN, CASPER ARCH,
AND SOUTHEASTERN WIND RIVER BASIN

QUATERNARY	Qa	Windblown sand
	Qd	Ogallala Formation
	Qf	White River Formation
	Qg	Intrusive rocks
	Qh	Wagon Bed Formation
	Qi	Wind River Formation
TERTIARY	Tt	Fort Union Formation
	Kh	Hell Creek Formation
	Kd	Beaumont Shale
	Kj	Judith River Formation
	Kg	Claggett Shale
	Ke	Eagle Sandstone
	Kc	Colorado Shale
	Kb	Kootenai Formation
	Ka	Morrison Formation
	K9	Ellis Group
	K8	Quadrant Formation
	K7	Ames Formation
	K6	Big Snowy Group
	K5	Madison Group
	K4	Snowy Range Formation
	K3	Pilgrim Limestone
	K2	Wobey and Park Shales
	K1	Flathead Sandstone
	K0	Belt shales

SOUTHEASTERN MONTANA,
NORTH DAKOTA, AND SOUTH DAKOTA

QUATERNARY	Qa	Alluvium
	Qd	Glacial deposits
	Qf	Fluvial deposits
	Qg	Artisan Formation
	Qh	White River Formation
	Qi	Golden Valley Formation
	Qj	Fort Union Formation
	Qk	Hell Creek Formation
	Ql	Beaumont Shale
	Qm	Pierre Shale

EXPLANATION

- Contact
- Fault
- Approximate southern limit of glacial drift
- Bedrock units between this line and the line marking the contact with glacial deposits are well exposed along stream drainages but only discontinuously exposed in interstream divide areas
- X
- Limited exposure of Fort Union Formation

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