

Formation	Character of rocks	Thickness in feet	Bentonite beds	Section	Thickness in feet	Character of rocks	Formation and member	Group	Series	System
						Sandstone, massive with green sandy shale	Hell Creek formation			
Bearpaw shale	As mapped from T. 3 S., RS. 34 and 35 E. northward: Shale, dark-gray with many bentonite beds and calcareous concretions weathering gray or brown. Three thick bentonite beds near middle of formation	885			200±	As exposed in T. 9 S., R. 36 E., (not shown on Plate 1), -- Shale, dark-gray, soft, contains marine fossils	Bearpaw shale	Judith River formation		
			Bed X Bed W Bed V	700±	As mapped in T. 9 S., R. 35 E., -- Sandstone, brown and gray, argillaceous, interbedded with green and gray sandy shales and dark-gray carbonaceous shale. Lower part locally contains coal and clinker beds Member interfingers with lower two-thirds of Bearpaw shale shown on left side of column	Upper unnamed member				
Judith River	As mapped in T. 3 S., RS. 34 and 35 E. and area to north: Equivalent and lithologically similar to Parkman sandstone member of Judith River formation	255			350±	As mapped in T. 9 S., R. 35 E., -- Upper part: sandstone, massive, soft, buff, brownish and olive-green, containing harder brown-weathering sandstone concretions and rusty limonitic nodules. Lower part: shale, silty to sandy, buff-weathering, grades upward into overlying sandstone; contains silty calcareous concretions that weather gray, yellowish-tan or brown	Parkman sandstone member			
								Cody shale	Upper Cretaceous	CRETACEOUS
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