

**Table 1: Table of Formations in the Flathead Area
Part B: Devonian to Permian**

unconformity									
Permian	Rocky Mountain Supergroup	Ishbel Group	Johnson Canyon Formation <i>0-30 m</i>		phosphatic siltstones, chert, basal chert-phosphate conglomerate				
			unconformity						
Pennsylvanian	Rocky Mountain Supergroup	Spray Lakes Group <i>60-625m</i>	Kananaskis Formation <i>0-30m</i>		silty and sandy dolomite, siltstones and chert breccia				
			Misty Formation <i>75-200 m</i>		sandstone with minor amounts of siltstone and dolomite				
unconformity									
Mississippian	Rundle Group	Todhunter Mbr		brightly coloured siltstone, dolomite and calc. sandstone					
		Etherington Formation <i>70-170m</i>		dolomite, crinoidal and oolitic limestones, green and maroon shale, anhydrite, sandstone, and siltstone					
		Mount Head Formation <i>200-680 m</i>	Opal Mbr <i>200-240 m</i>	Carnarvon Mbr <i>23-90 m</i>		dark-grey weathering skeletal, oolitic, micritic and arg. limestones and calc. shale	micritic and skeletal limestone with lesser amounts of calcareous shale		
				Marston Mbr <i>18-68 m</i>			silty dolomite and anhydrite, lesser amounts of limestone and shale		
			Loomis Mbr <i>30 -100 m</i>		oolitic, crinoidal, and micritic limestone, and fine to medium crystalline dolomite				
			Salter Mbr <i>29-67 m</i>		silty and sandy dolomite, anhydrite with crinoidal grainstone and packstone increasing to west				
			Baril Mbr <i>11-39 m</i>		oolitic, micritic and crinoidal limestone				
		Wileman Mbr <i>8-25m</i>		silty dolomite and anhydrite					
		Livingstone Formation <i>200-400 m</i>		fine to coarse crinoidal grainstones and packstones, and fine crystalline dolomite.					
		Banff Formation <i>250-365 m</i>		dark cherty limestones and shales					
		Exshaw Formation <i>2-10 m</i>		black organic shale, siltstone, chert					
		Palliser Formation <i>175-220 m</i>		limestone, dolomite and anhydrite (solution breccia in outcrop)					
		Upper Devonian	Sassenach Fm <i>170 m</i>	Alexo Formation <i>5-30 m</i>		sandstone, siltstone, sandy and silty carbonate		silty carbonate and anhydrite (solution breccia in outcrop)	
Fairholme Group	Arcs Mbr <i>0-45 m</i>			Grotto Mbr <i>0-60</i>	"Ireton"	Southesk Formation	Nisku Formation <i>20-65 m</i>		light grey coarse dolomite
			"Ireton" <i>0-3m</i>				dark grey dolomite		
			Leduc Formation <i>200 m</i>				arg. carbonate		
	Perdrix Formation		Borsato Formation <i>15-60 m</i>	Cooking Lake Formation <i>50-60 m</i>	grey argillaceous limestone, part silty		light grey coarse dolomite, dolomite and anhydrite		
					Hollebeke Formation <i>120-240 m</i>		dark calc. shale and shaly limestone		dark crystalline dolomite
Beaverhill Lake Group <i>100 m</i>			limestone, dolomite, and anhydrite (solution breccia in outcrop)						
Middle Devonian	Yahatinda Formation <i>0-30 m</i>		sandy and silty dolomite, dolomitic siltstone and sandstone						
unconformity									