

**Table 1: Table of Formations in the Fernie-Elk Valley Area  
Part C: Precambrian to Cambrian**

unconformity				
Middle Cambrian	Windsor Mountain Formation <i>0-70 m</i>		dolomite-mottled limestone and dolomite; calcareous silty dolomite at base	
	Elko Formation <i>150-160 m</i>		dolomite, dolomite-mottled limestone at base	
	Gordon Shale <i>45-90 m</i>		greyish green shale, with sandstone and limestone	
	Flathead Sandstone <i>2-45 m</i>		quartz sandstone	
unconformity				
Precambrian	Purcell Supergroup	Roosville Formation <i>0-600 m</i>		green and grey, argillite, dolomitic argillite, siltstone, and sandstone, and dolomite
		Phillips Formation <i>120-200 m</i>		red quartz sandstone, siltstone and argillite
		Gateway Formation <i>375-715 m</i>	upper member	green and grey argillite and dolomitic argillite, dolomitic sandstone and dolomite
			lower member	red to grey and green siltstone and argillite
		Sheppard Formation <i>50-275 m</i>		dolomite, yellow, grey, and red sandstone and siltstone, light green dolomitic sandstone and argillite, locally with chloritized andesite in the lower part
		Purcell Lava <i>60-150 m</i>		chloritized andesite
		Siyeh Formation <i>350-800 m</i>		argillaceous grey limestone and dolomite, grey, green, and black argillite, dolomitic sandstone
		Grinnell Formation <i>100-230m</i>		red argillite and siltstone and white to grey sandstone
		Appekunny Formation <i>230-500 m</i>		green, grey and minor red argillite, siltstone, and green quartzitic sandstone
		Altyn Formation <i>145-375m</i>		sandy dolomite, dolomitic sandstone, dolomite, dolomitic argillite and argillite
		Waterton Formation <i>250m</i>		varicoloured to grey limestone and dolomite, thin argillite
		Tombstone Mountain Formation <i>175m</i>		dark grey argillaceous and silty limestone and dolomite, and silty calcareous argillite
		Haig Brook Formation <i>145m</i>		resistant light coloured to banded dolomite, limestone and minor argillite
		Unit 1 <i>107m</i>		dark calcareous and dolomitic argillite and black argillite
		Unit 2 <i>314m</i>		grey argillaceous dolomite and black argillite
		Unit 3 <i>219m</i>		grey, green, red and white fine dolomite and limestone
Unit 4 <i>170m</i>		dark argillaceous limestone		

N.B. The data on this table are derived from the references listed in the text.