

		GROUP	FORMATION	MEMBER	K-Ar AGE (Ma)	MAGNETIC POLARITY	ASSOCIATED SEDIMENTS
QUATERNARY	HOLOCENE			Mt. Mazama ash Loess Landslides Alluvium			
	PLEISTOCENE			Mt. St. Helens set S ash Touchet Beds Pasco gravels Palouse Formation			
	PLIOCENE			RINGOLD FORMATION			ELLENSBURG FORMATION
TERTIARY	MIOCENE	COLUMBIA RIVER BASALT GROUP	SADDLE MOUNTAINS BASALT	LOWER MONUMENTAL MEMBER	6	N	Unnamed interbed (discontinuous)
				ICE HARBOR MEMBER	8.5		
				Goose Island flow		N	
				Martindale flow		R	
				Basin City flow		N	
				BUFORD MEMBER			Levey interbed
				ELEPHANT MOUNTAIN MEMBER	10.5	N,T	Rattlesnake Ridge interbed
				POMONA MEMBER	12	R	Selah interbed
				ESQUATZEL MEMBER		N	Cold Creek interbed
				WEISSENFELS RIDGE MEMBER			
				Slippery Creek flow		N	
				Tenmile Creek flow		N	
				Lewiston Orchards flow		N	
				Cloverand flow		N	
				ASOTIN MEMBER	13	N	Unnamed interbed (discontinuous)
		Huntzinger flow					
		WILBUR CREEK MEMBER		N			
		Lapwai flow		N			
		Wahluke flow		N			
		UMATILLA MEMBER					
		Sillusi flow		N			
		Umatilla flow		N	Mabton interbed		
		PRIEST RAPIDS MEMBER	14.5	R	Quincy interbed (discontinuous)		
		Lolo flow		R			
		Rosalia flow		R			
		ROZA MEMBER		T,R	Squaw Creek interbed (discontinuous)		
		FRENCHMAN SPRINGS MEMBER					
Lyons Ferry flow		N					
Sentinel Gap flow		N					
Two Sisters flow		N					
Silver Falls flow		N,E					
Ginkgo flow	15.5	E	Unnamed interbed (discontinuous)				
Palouse Falls flow		E					
ECKLER MOUNTAIN MEMBER							
Shumaker Creek flow		N					
Dodge flow		N					
Robinette Mountain flow		N	Vantage interbed				
GRAND RONDE BASALT	Sentinel Bluffs unit		Museum flow Rocky Coulee flow unnamed flows				
	other units	15.6		N ₂			
	Meyer Ridge and other units			R ₂			