

CORDILLERA OF B. C. & YUKON.

Period	Series	Epoch	Rock Age m.y.	Vancouver Island	S.W. British Col. & N.W. Washington	South Central British Columbia	Southeastern British Columbia	North central & Northeastern B. C.	Queen Charlotte Islands & North Coastal B. C.	Northwestern British Columbia	Central & South-western Y. T.		
QUATERNARY	HOLOCENE	RECENT	0.01		Bridge R. ash	basalt flows, cinder cones, ash			Aiyansh Flow	basalt flows ash & cinder cones scoria and till.	Volcanic ash Glacial Drift		
		PLEISTOCENE	0.7		MEAGER CREEK volcanic complex	EROSIONAL unconformity		basalt, breccia ash, cinder cones Glacial Till	basalt flows	EDZIZA & SPECTRUM Range Volc. complex Level Mtn. Group andesite & basalt flows, alk. olivine bas., glacial till, rhyolite & trachyte flows, pillow lavas, tuff breccia; massive & columnar basalt	Erosional Unconformity Miles Canyon Basalt Selkirk Volcanics; basalt & and. flows, tuffs & breccias		
TERTIARY	NEOGENE	PLIOCENE	2.0			basalt flows, cinder cones, ash Till Valley Basalt vesicular to massive flows conglomerate		basalt flows, breccia, cinder cones	Erosional Unconformity	Tow Hill Sills olivine Island basalt Fm. basalt flows, tuffs & breccia	Wrangell Volc. Carmacks Group volcanic cgl., scoria, basalt & andesite flows, pillows, tuffs, & volcaniclastics		
		MIOCENE	5	marine clastics		Plateau Lavas amygd. oliv. bas.	DEADMAN RIVER FM. tuff, breccia diatomite s.s. & cgl non-mar.	Plateau Basalt olivine basalt	Plateau Lavas Poplar Buttes Volc andesite to olivine basalt flows	Erosional Unconformity	SKANUN Fm. ss, cgl, shale & lignite.	Hearts Peak Formation rhyolite & trachyte flows & tuffs ash flow & ash fall tuffs.	
			10	EROSIONAL Unconformity				EROSIONAL Unconformity	EROSIONAL Unconformity	EROSIONAL Unconformity	Bella Bella Fm. ss, cgl., andesite flows & bx.	Amphitheatre Fm.	
			15	SOOKE FM. Sandstone & conglomerate									
			20	Unconformity									
	PALEOGENE	OLIGOCENE	30	CARMANAH FM. marine sandstone & conglomerate		HANNEGAN FM. & SKAGIT FM. rhyolite & andesite flows & pyroclastics	andesite & basalt flows	White Lake Form. lahar, sandstone, tuffs & breccia	Erosional Unconformity	Erosional Unconformity	Erosional Unconformity	sandstone, shale, conglomerate & lignite.	
			35	Escalante FM. shale, siltstone, sandstone & congl.		Tranquille Beds diatom., tuff, lign. ss. sh. cgl.	Skull Hill Fm. rhyolite, trachyte dacite & andesite flows basalt breccia tuff & agglom.	Marama Form. rhyolite, rhyodac. & conglomerate	Endako Group Goosley Lake & Buck Cr. Volc. and, basalt, dacite & rhyolite flows, tuffs & breccia mud, lignite, ss & cgl.	Erosional Unconformity	Masset Fm. rhyolite, dacite, & basalt flows tuffs & breccia ash flows & volcanic sandstone...	Erosion Mt. Nansen Gr. Skukum Group rhyolite & trachyte flows, tuffs & bx.	
		40	Unconformity		EROSIONAL Unconformity								
		45	EOCENE		Sooke Intrusions gabbro, quartz diorite, hornblende.	Chilliwack composite batholith granite to quartz diorite	Huntingdon FM. non-marine clastics	Kamloops Group Princeton Group Coldwater Beds Chu Chu Fm. ss, cgl, grit & shale w. coal	Midway Group Marron Form. Nipple Mtn. Series andesite dacite, trachyte & phonolite.	Sustut Grp. (Upper) Brothers Peak Form. tuff, ss, cgl	Sustut Group shale, siltstone, sandstone & conglomerate	Casino Volc. basalt & flow bx	
		50	PALEOCENE		Metchosin Formation basalt pillows & flows		EROSIONAL Unconformity	CHUCKANUT & SWAUK FM. arkose, shale cgl. & coal	Kettle River Formation Springbrook Fm. Curry Cr. Series ss, sh, cgl. & pyroclastics	Sustut Grp. (lower) Tango Ck. Fm. Sifton Fm. siltstone & cgl. rhy. dac. flows tuffs	Alice Arm Intrusions quartz monzonite	granite porphyry & quartz porphyry	