TABLE OF FORMATIONS OF VANCOUVER ISLAND

SEQUENTIAL LAYERED ROCKS

	PERIOD		STAGE	GROUP	FORMATION	SYMBOL	AVERAGE THICKNESS IN M.±	LITHOLOGY
CENOZOIC					late Tert. volc's of Port McNeill	Tvs		
					SOOKE BAY	mpTsB		conglomerate, sandstone, shale
			EOCENE to OLIGOCENE		CARMANAH	eoTc	1,200	sandstone, siltstone, conglomerate
					ESCALANTE	eTE	300	conglomerate, sandstone
			early EOCENE		METCHOSIN	eTM	3,000	basaltic lava, pillow lava, breccia, tuff
MESOZOIC		LATE	MAESTRICHTIAN	NANAIMO	GABRIOLA	uKGA	350	sandstone, conglomerate
			CAMPANIAN		SPRAY	uKS	200	shale, siltstone
					GEOFFREY	uKG	150	conglomerate, sandstone
					NORTHUMBERLAND	uKN	250	siltstone, shale, sandstone
					DE COURCY	uKDC	350	conglomerate, sandstone
					CEDAR DISTRICT	uKCD	300	shale, siltstone, sandstone
					EXTENSION-PROTECTION	uKEP	300	conglomerate, sandstone, shale, coal
					HASLAM	uKH	200	shale, siltstone, sandstone
			SANTONIAN		COMOX	uKC	350	sandstone, conglomerate, shale, coal
		EARLY	CENOMANIAN	QUEEN CHARLOTTE	conglomerate unit	lKQC	900	conglomerate, greywacke
			ALBIAN					
			APTIAN ?		siltstone shale unit	lKQP	50	siltstone, shale
			VALANGINIAN BARREMIAN		LONGARM	lKL	250	greywacke, conglomerate, siltstone
	JURASSIC	MID to LATE	TITHONIAN CALLOVIAN		Upper Jurassic sediment unit	uJs	500	siltstone, argillite, conglomerate
		EARLY	TOARCIAN ?	BONANZA	volcanics	lJB	1,500	basaltic to rhyolitic lava, tuff, breccia, minor argillite, greywacke
			PLIENSBACHIAN					
			SINEMURIAN		HARBLEDOWN	lJH		argillite, greywacke, tuff
	TRIASSIC	LATE	NORIAN	VANCOUVER	PARSON BAY	uT̄RPB	450	calcareous siltstone, greywacke, silty limestone, minor conglomerate, breccia
			KARNIAN		QUATSINO	uT̄RQ	400	limestone
					KARMUTSEN	muT̄RK	4,500	basaltic lava, pillow lava, breccia, tuff
		MID	LADINIAN		sediment - sill unit	T̄Rds	750	metasiltstone, diabase, limestone
PALEOZOIC	DEVONIAN or PENN. and PERMIAN			SICKER	BUTTLE LAKE	CPBL	300	limestone, chert
					sediments	CPs	600	metagreywacke, argillite, schist, marble
					volcanics	CPsv	2,000	basaltic to rhyolitic metavolcanic flows, tuff, agglomerate
	DEVONIAN or EARLIER?							

CRYSTALLINE ROCKS, COMPLEXES OF POORLY DEFINED AGE

NAME		SYMBOL	ISOTOPIC AGE Pb/U	ISOTOPIC AGE K/Ar	LITHOLOGY
SOOKE INTRUSIONS	silic	Tg		32-59	quartz diorite, trondhjemite, agmatite, porphyry
	basic	Tgb		31 - 49	gabbro, anorthosite, agmatite
METCHOSIN SCHIST, GNEISS		Tmn		47	chlorite schist, gneissic amphibolite
LEECH RIVER FORMATION		JKL		38 - 41	phyllite, mica schist, greywacke, argillite, chert
PACIFIC RIM COMPLEX		JKP			greywacke, argillite, chert, basic volcanics, limestone
ISLAND INTRUSIONS		Jg		141-181	granodiorite, quartz diorite, granite, quartz monzonite
WESTCOAST COMPLEX	silicic	PMns	264	163-192	quartz-feldspar gneiss, metaquartzite, marble
	basic	PMnb			hornblende-plagioclase gneiss, quartz diorite, agmatite, amphibolite
diabase sills		PT̄Rb			
limestone		Ls			
metavolcanic rocks		PMmv			metavolcanic rocks, minor metasediments, limestone, marble
TYEE INTRUSIONS		Pg	>390		metagranodiorite, metaquartz diorite, metaquartz porphyry
COLQUITZ GNEISS		Pns	>390		quartz-feldspar gneiss
WARK DIORITE GNEISS		Pnb		163-182	hornblende-plagioclase gneiss, quartz diorite, amphibolite

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