

LEGEND

SEDIMENTARY AND VOLCANIC ROCKS

QUATERNARY		Qs	surficial clastic sediments and glacial deposits
		Qwc	MILES CANYON basalt
		Qsk	SELKIRK GROUP basalt, andesite flows, breccia, tuff
TERTIARY AND QUATERNARY			
		TQbo	borvolivine basalt
		TQy	latite, trachyte
			Miocene to Pleistocene
		mTQ	YAKATAGA mudstone, siltstone, sandstone, conglomerate
TERTIARY			
		Tgg	granite pebble conglomerate
		Ts	LITTLE RIDGE Volcanics basalt, breccia
		Ts	CASNO Volcanics tuff, ignimbrite, breccia
		Tp	felsic porphyry dikes and flows
		Tv	acid tuff
		Tp	rhyolite porphyry
		Td	andesite, porphyritic basalt
		T	dikes and flows of intermediate composition
			areas of extensive dikes

Pliocene		pTb	basalt
		pTs	conglomerate, sandstone
Miocene			
		mT	rhyolite, trachyte
Oligocene and Miocene			
		omTg	volcanic conglomerate
		omT	basalt, andesite

Eocene or younger			
		eTcg	conglomerate, sandstone, shale
		eTc	andesite, basalt, breccia, tuff
Eocene			
		eT	acid to intermediate tuff, breccia
		eTs	SKINNY GROUP andesite, basalt, breccia
		eTs	SLORO GROUP rhyolite, trachyte
		eTg	quartz felsic porphyry, rhyolite
		eT	basalt, breccia
		eT	MULTITHIETH arkose sandstone, claystone

Paleocene and Eocene			
		peT	AMPHITHEATRE GROUP sandstone, conglomerate
		peTs	shale, coal
		peTs	sandstone, shale
Paleocene			
		peTb	basalt, minor tuff

Lower Tertiary			
		L	basalt, trachyte, rhyolite
		Ld	DEVONIAN Volcanics tuff, breccia
		Lb	basalt
		L	felsic flows, quartz andesite porphyry
		Lsp	sandstone, minor shale, siltstone conglomerate

CRETACEOUS AND TERTIARY			
		KTdp	andinite and dacite porphyry

CRETACEOUS			
		Kr	idacite tuff, breccia
		Ks	basalt, andesite, quartz latite
		Kyp	quartz latite porphyry
		Kv	SOUTH FORK andesite, dacite, basalt
		Ksp	continental sand, shale, conglomerate, coal

Lower Cretaceous			
		KW	HENO HILL Quartzite
		KWc	greywacke, limestone, quartzite, conglomerate

JURASSIC AND CRETACEOUS			
		JK	TANTALUS conglomerate, siltstone, arkose
		JKb	DEZADEASH GROUP argillite, conglomerate, greywacke, shale, sandstone
		JK	YAKUTAT GROUP greywacke, argillite, slate, minor conglomerate, greenstone

JURASSIC			
		Jlg	graphitic phyllite, quartzite, greenstone

Lower and Middle Jurassic			
		J	LABERGE GROUP greywacke, arkose, conglomerate

TRIASSIC AND JURASSIC			
		TJw	MUSH LAKE GROUP andesite, basalt, limestone, shale
		TJd	andesite breccia, tuff
		TJp	augite, hornblende and feldspar porphyries

Upper Triassic and Jurassic			
		TJsp	argillite, sandstone, siltstone
		TJw	volcanic and sedimentary rocks
		TJc	limestone

TRIASSIC			
		Tsb	basaltic greenstone

Upper Triassic			
		UJwp	greywacke, argillite, conglomerate
		UJc	limestone
		UJb	sandstone, basalt

Middle and Upper Triassic			
		UJg	polymictic conglomerate
		UJp	sandstone, siltstone

MESOZOIC			
		Meg	conglomerate, chert, tuff
		Mv	greenstone, volcanic greywacke
		Md	sandstone, basalt, dacite, tuff
		Md	sandstone, trachyte
		Mbw	schist, metagreywacke, slate

Late Mesozoic			
		LMq	quartz monzonite
		LMz	hornblende monzonite, syenite
		LMs	syenite
		LMd	hornblende diorite (may include Tgd)

PLUTONIC ROCKS

TERTIARY AND QUATERNARY			
		TOb	gabbro

TERTIARY			
		Tgb	COFFEE CREEK biotite granite, quartz monzonite
		Tg	leucocratic granite
		Tgd	INSILING RANGE alaskite, granite, quartz monzonite
		Tgd	granodiorite
		Tgm	granodiorite, quartz monzonite
		Tdi	diorite

Late Tertiary			
		LTgp	granite and syenite porphyry
		LTy	syenite

Early Tertiary			
		ETgp	granite and syenite porphyry, rhyolite
		ETd	diorite, gabbro

MESOZOIC AND TERTIARY			
		MTgp	quartz diorite, granodiorite, adamellite
		MTd	diorite, pyroxenite
		KTgp	granite porphyry
		KTg	ICEFIELD RANGES alaskite, granite
		KTgm	granite, quartz monzonite
		KTgd	granodiorite, quartz diorite
		KTgm	ICEFIELD RANGES quartz monzonite, granodiorite
		KTgd	quartz diorite

CRETACEOUS			
		Kgfp	granite porphyry
		Kgm	hornblende granite
		Kgmp	porphyritic hornblende granite
		Kgr	granite, granodiorite
		Kgdb	ELUANE RANGES granodiorite, quartz diorite, diorite
		Kgfp	granodioritic quartz feldspar porphyry
		Kgdp	granodiorite and monzonitic quartz and dacite porphyries
		Kqm	granodiorite, quartz monzonite
		Kqm	CASSIAR quartz monzonite, alaskite
		Kqmn	foliated and gneissic granodiorite and quartz monzonite
		Kyp	porphyritic syenite
		Kymz	syenite, monzonite

Early Cretaceous			
		EKgn	sheared granitic rocks, granite gneiss

JURASSIC AND CRETACEOUS			
		JKgd	quartz diorite, diorite, granodiorite
		JKd	diorite, hornblende diorite
		JKb	gabbro, diorite, some ultramafic rocks

JURASSIC			
		Jlg	graphitic phyllite, quartzite, greenstone

Lower and Middle Jurassic			
		J	LABERGE GROUP greywacke, arkose, conglomerate

TRIASSIC AND JURASSIC			
		TJw	MUSH LAKE GROUP andesite, basalt, limestone, shale
		TJd	andesite breccia, tuff
		TJp	augite, hornblende and feldspar porphyries

Upper Triassic and Jurassic			
		TJsp	argillite, sandstone, siltstone
		TJw	volcanic and sedimentary rocks
		TJc	limestone

TRIASSIC			
		Tsb	basaltic greenstone

Upper Triassic			
		UJwp	greywacke, argillite, conglomerate
		UJc	limestone
		UJb	sandstone, basalt

Middle and Upper Triassic			
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		Md	sandstone, basalt, dacite, tuff
		Md	sandstone, trachyte
		Mbw	schist, metagreywacke, slate

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		LMq	quartz monzonite
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		LMs	syenite
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PALEOZOIC AND MESOZOIC

		PMd	phyllite, slate, schist, greenschist
		PMs	quartzite, schist, amphibolite, gneiss
		PMc	massive limestone
		PMcs	undifferentiated calcareous meta-sediments
		PMp	black shale, argillite
		PMb	basic to intermediate volcanic rocks, greenstone
		FMm	amphibolite, greenschist, gneiss, quartzite, schist, marble

Permian and/or Mesozoic			
		PMs	argillite, siltstone, greywacke, conglomerate, minor limestone
		PMvb	basalt, tuff, breccia

Permian and Triassic			
		PP	andesite, basalt, chert, tuff
		PPc	limestone
		PPs	conglomerate, greywacke, limestone, grit
		PPv	andesite, basalt, limestone, shale, schist (includes MUSH LAKE GROUP)

Carboniferous to Triassic			
		CPs	andesite, basalt, chert, tuff
		CPc	limestone

PERMIAN			
		Ps	TESLIN limestone
		Pcp	conglomerate, greywacke, limestone

PENNSYLVANIAN AND PERMIAN			
		PPpv	basic lava, argillite, cherty tuff, breccia, sandstone, grit, limestone
		PPcs	limestone, conglomerate, sandy limestone

ANVIL RANGE GROUP			
		PP	chert
		PPs	basalt, breccia, greenstone
		PPv	PP, with >Osl
		PPc	limestone

CARBONIFEROUS AND PERMIAN			
		CPs	limestone, argillite, quartzite
		CPc	limestone
		CPs	limestone
		CPbs	meta-basalt, tuff

KEDAHDA			
		CPs	chert, argillite and metamorphic equivalents
		CPc	limestone

PENNSYLVANIAN			
		Pc	limestone

MISSISSIPPIAN			
		M.b	CACHE CREEK GROUP meta-basalt, tuff
		Me	EARN GROUP chert, argillite, quartzite
		Mp	slate, argillite, quartzite
		Meg	conglomerate, argillite
		Mc	limestone
		MeM	ENGLISHMAN'S GROUP limestone
		Mv	greenstone, chert, phyllite
		M	altered volcanic rock, greenstone, meta-diorite

Lower Mississippian			
		IMx	KALZAS limestone

CARBONIFEROUS			
		Cw	ENGLISHMAN'S GROUP quartzite, schist, phyllite, chert, conglomerate, limestone
		Ctp	schert, argillite, phyllite, quartzite
		Cc	limestone, crystalline limestone
		C	BIG SALMON AND YUKON COMPLEXES
		Cvn	undifferentiated metamorphic rocks
		Cb	meta-volcanic rocks

DEVONIAN AND MISSISSIPPIAN			
		DMps	shale, chert, quartzite (includes ROAD RIVER and EARN GROUP)
		DMs	EARN GROUP chert arenite, chert conglomerate, shale, sandstone (includes ROAD RIVER)
		DMs	SYLVESTER GROUP basic volcanic rocks, slate, shale, chert, conglomerate
		DMp	CRYSTAL PEAK chert conglomerate
		DMs	schist, gneiss, undifferentiated metamorphic rocks
		DMs	greenstone, tuff, argillite, limestone, chert, conglomerate
		DMq	hornfels, quartzite, argillite

DEVONIAN			
		Dc	limestone, marble, breccia
		Ds	gypsum
		Dwp	slate, greywacke, quartzite
		Dsb	greenstone

Upper Devonian			
		UDs	sandstone

Middle and Upper Devonian			
		muDps	shale, sandstone

Middle Devonian			
		mDc	HARNICA, LANDRY, HEADLESS, FUNERAL, NATLA, NAHANNI, GRIZZLY BEAR limestone, dolomite
		mDw	MCDAME GROUP limestone, dolomite

SILURIAN AND DEVONIAN			
		SDc	dolomite, shale, quartzite
		SDs	siltstone, quartzite, argillite
		SDp	SOMBRE and DELORME dolomite

ASKIN GROUP			
		SDs	quartzite, shale
		SDc	dolomite, limestone

ORDOVICIAN AND SILURIAN			
		OSs	UPPER KECHIKA GROUP slate, limestone
		OSs	ROAD RIVER graphitic slate
		OSc	dolomite, limestone (Upper Cambrian sandstone in part)
		OSw	WHITTAKER dolomite, limestone

ORDOVICIAN TO DEVONIAN			
		ODs	dolomite, limestone

Lower Ordovician to Middle Devonian			
		ODs	ROAD RIVER shale

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