Terrane	Group or intrusive suite	Formation or sub unit	Characteristic	Deformation
Post-accretionary	Mesilinka	equigranular granite	bioite granite +/- garnet, muscovite	yes - foliation (biotite)
		K-feldspar porphyritic granite	biotite granite with K-feldspar phenocrysts	yes - foliation (biotite)
		granodiorite	equigranular biotite annd hornblende-bearing	yes - foliation (biotite)
		tonalite	grey equigranular enclaves in younger granite	yes - foliation (biotite)
	Osilinka	dykes, sills	felsic and mafic hypabyssal porphyry	yes - weak to mylonitic
		equigranular granite	low mafic minerals (<5%) +/- garnet, muscovite	yes -weak foliation (biotite) - crossing dykes locally mylonititized
Quesnel	Duckling Creek	syenite to monzonite	equigranular to K-feldspar porphyritic; local well-developed igneous layering	yes - weak (feldspar)
		biotite pyroxenite	pyroxenite, with biotite, local apatite phenocrysts	yes - locally strong (biotite-pyroxene)
	Thane Creek	monzodiorite to quartz monzodiorite	quartz bearing diorite	yes - polyphase (two generaltions of fabric development)
		diorite	equigranular medium to coarse-grained; commonly contains hornblendite enclaves; locally altered with epidote and biotite common	yes - polyphase (two generaltions of fabric development)
		hornblendite	coarse grained to pegmatitic; local coarse plagioclase segregations; intermingled with diorite	recrystallized amphibole
	Mafic-ultramafic intrusions	unnamed	olivineand clinopyroxene-rich ultramafic rock types	sheared margins
		Abraham Creek	hornblende gabbro, diorite, and clinopyroxenite with lesser peridotite, hornblendite, and orthopyroxenite	
	Nicola Group	Plughat Mountain succession	augite-plagioclase phyric mafic tuffs and volcanic breccias with lesser volcanic flows, tuffaceous sedimentary rocks, argillite, and limestone	yes - polyphase
Cache Creek	Sitlika		schist	yes - polyphase
Stikine	Hazelton Group	Telkwa Formation	polymictic and monomictic volcaniclastic conglomerates; interleaved red/green weathered	yes - polyphase (two generations of fabric development)
	Takla Group	Dewar Formation	mafic-volcanic-derived sandstone, pebble and boulder polymictic conglomerate, and slate	yes - polyphase (two generations of fabric development)
	Asitka Group		phyllite, carbonate beds, chert, lesser rhyolite and basaltic andesite, and rare quartz pebble sandstone	yes - polyphase (two and possibly three generations of fabric development)

*CGG Canada Servies, Ltd. (2018) geophysical survey: Hogem batholith interpretation only
^bt =biotite; hbl=hornblende; mv=muscovite
^^ Estimated maximum dpeosition age

Group or intrusive suite	*Geophysical attribute	Whole rock geochemistry	Whole rock εNd(t)	Whole rock Sr/Sr(i)	U-Pb age (Ma) (CA-TIMS)	U-Pb age (Ma) (TIMS)	U-Pb age (Ma) (LA-ICP-MS)
Mesilinka	low mag, high Th/K	yes	3.3	0.703479		133.9±0.3	127.9±0.8
	low mag, high Th/K	yes	1.7	0.704000		135.0±0.3	134.8±1.2
	low mag	yes					
	low mag	yes					134.1±0.5
Osilinka	-	yes					inherited zircon to ca. 160
	low mag, low Th/K	yes	4.1	0.703726			inherited zircon to ca. 160
Duckling Creek	high mag, low Th/K	yes	4.7	0.703678			174.7±0.7 178.9±1.3
	very high mag, low Th/K	yes					
Thane Creek	variable mag, moderate Th/K	yes	4.8	0.703548			194.0±1.1
	variable mag, moderate Th/K	yes	4.8	0.703665	196.6±0.9		206.6±0.9
	high mag; low radiometric signature	yes			197.6±0.1		191.4±0.7
Mafic-ultramafic intrusions	high mag; low radiometric signature				216.8±0.2	219.6±0.3	
Nicola Group		yes					
Sitlika							
Hazelton Group							
Takla Group							
Asitka Group		#			288.6±0.2 293.9±0.3		

Group or intrusive suite	Ar-Ar^	Detrital zircon U-Pb (Ma)^^	Detrital zircon Hf
Mesilinka	bt - 112±3 hbl bt - 123±2 bt - 108±2 bt - 111±3		
Osilinka	mv - 122±5 bt - 116 ±1		
Duckling Creek	hbl - 177±5		
Thane Creek	hbl - 202±5 hbl - 124±2 bt - 124±1 bt - 126±2		
Mafic-ultramafic intrusions			
Nicola Group			
Sitlika		<218	x
Hazelton Group		<196	x
Takla Group		no zircon	
Asitka Group		<323	x