

ROCK UNITS

CRETACEOUS

INTRUSIVE ROCKS

K _{gf}	Smokey Quartz - feldspar porphyry
K _{ge}	Hornblende - biotite granite
	Anvil plutonic suite
K _{gmm}	Mount Mye phase: biotite-muscovite granite
K _{go}	Orchay phase: biotite-hornblende granite
K _{gm}	Marjorie phase: biotite-hornblende granite with quartz phenocrysts
K _{gp}	Pegmatite to aplite dykes

PENNSYLVANIAN - PERMIAN

Anvil Range Group

PP _{arb}	Epidotized, massive basalt
PP _{arrch}	Red, green, and beige chert
PP _{arbch}	Green, black, and beige chert

DEVONIAN - MISSISSIPPIAN

Earn Group

DM _{es}	Carbonaceous shale, siltstone, chert
DM _{el}	Carbonaceous shale with bioclastic limestone
DM _{ecg}	Chert pebble conglomerate, sandstone
DM _{eb}	Laminated to nodular Barite

ORDOVICIAN

Road River Group

O _{rrs}	Carbonaceous, slightly calcareous, locally graptolitic shale
	Menzie Creek formation
O _{mc}	Foliated, amygdaloidal basalt, tuff, breccia

CAMBRIAN-ORDOVICIAN

Vangorda formation

eo _{vp}	Calcareous, medium grey phyllite (green schist facies)
eo _{vcs}	Striped cream and brown calc-silicate (amphibolite facies)
eo _{vpg}	Pale green, calcareous phyllite - contact metamorphosed adjacent to metabasites
eo _{vg}	Carbonaceous, locally calcareous phyllite/ schist
eo _{vl}	Marble
	/// skarn
eo _{vb}	Poorly foliated, dark green, metabasite/ amphibolite

EO _{vbf}	Foliated, medium green, chloritic phyllite/ schist
EO _{vbp}	Metamorphosed pyroxenite
EO _{va}	Interbedded phyllite, calc-silicate, metabasite. Transitional unit from Vangorda formation to Mount Mye formation.

CAMBRIAN

Ore Zones (in Vangorda and Mount Mye formations)

e _{ms}	Massive sulphides
e _{qs}	Quartzose disseminated sulphides
///	Alteration associated with mineralization (white mica envelope)

HADRYNIAN-CAMBRIAN

Mount Mye formation

He _{mmp}	Noncalcareous, brownish grey phyllite
He _{mmpu}	Upper horizon
He _{mmpi}	Lower horizon
He _{mms}	Noncalcareous, brownish grey schist
He _{mmsu}	Upper horizon
He _{mmsl}	Lower horizon
He _{mncs}	Striped cream and brown calc-silicate Skarn
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He _{mngp}	Noncalcareous, carbonaceous phyllite
He _{mngs}	Noncalcareous, carbonaceous schist
He _{mml}	Grey marble Skarn
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He _{mnglp}	Carbonaceous phyllite with dark marble lenses
He _{mngls}	Carbonaceous schist with dark marble lenses
He _{mnb}	Poorly foliated, dark green metabasite/ amphibolite
He _{mmbf}	Well foliated, medium green chloritic phyllite/ schist
He _{mmbp}	Metamorphosed pyroxenite