



LEGEND

Sedimentary rocks

- OLIGOCENE**
- 67a.S Sooke Formation: coquina, sandstone, shale, conglomerate
 - 67a.P Pyatt Formation: sandstone, sandy siltstone
 - 67a.AC Australian Creek Formation: lignite, clay, sand, silt, gravel
 - 67a.A Amphitheatre Formation: sandstone, conglomerate, shale, coal
 - 67a.K Kishnoh Formation: sandstone, conglomerate, fanglomerate

EOCENE-OLIGOCENE

- 67a.N Nequist Formation: sandstone, siltstone, conglomerate
- 67a.NE Nequist and Escalante Formations: sandstone, siltstone, conglomerate
- 67a.M Makah Formation: siltstone, sandstone

EOCENE

- 67a sandstone, siltstone, conglomerate, mudstone, coal
- 67a.CM Chukanut Formation: arkose, shale, coal
- 67a.CA Chumstick Formation: arkose, shale
- 67a.SW Swauk Formation: arkose, shale
- 67a.R Roslyn Formation
- 67a.H Huntington Formation
- 67a.MH Manahatsh Formation
- 67a.HR Hoko River Formation
- 67a.L Lyre Formation: conglomerate
- 67a.A Aldwell Formation
- 67a.C Coldwater beds
- 67a.KA Kettle River Formation
- 67a.S Springbrook Formation
- 67a.P Princeton Group
- 67a.K Kulieth Formation

PALEOCENE-EOCENE

- 67a.S sandstone, siltstone, conglomerate, mudstone, coal
- 67a.S Sifton Formation

CAMPANIAN-EOCENE

- 67a.KA Kitiliano and Burrard Formations: sandstone, conglomerate, shale

Volcanic rocks

- 67a.BP Barlow Pass Group: rhyolite, andesite, basalt

Volcanic and sedimentary rocks

PALEOCENE-MIOCENE?

- 7a.M Masset Formation: basalt, rhyolite
- 7a.KC Kootenaho Formation (mainly volcanic member 1): rhyolite, basalt, andesite, minor sediments
- 7a.KC Kootenaho Formation (mainly sedimentary member 1): sandstone, conglomerate, shale, siltstone, coal

Intrusive rocks

- 67a andesite, dacite, rhyolite, basalt
- 67a.OO Otse Lake Group: rhyolite, dacite, andesite
- 67a.BD Badako Group: basalt and andesite breccias and flows
- 67a.MH Metohsis Formation: submarine basalt
- 67a.CC Crescent Formation: submarine basalt
- 67a.SK Skukum Group: andesite, basalt, dacite, rhyolite, breccia
- 67a.MR Marron Formation: trachyte
- 67a.SI Sloko Group: andesite, rhyolite, basalt, trachyte

- 67a andesite, dacite, trachyte, rhyolite, basalt flows and breccias, silt, sandstone, mudstone, conglomerate
- 67a.P Penticton Group
- 67a.KR Kamloops Group
- 67a.PR Princeton Group
- 67a.NC Naches Formation

OLIGOCENE-MIOCENE

- 67a.G grandiorite

EARLY TERTIARY (40-64 ma)

- 67a.G gabbro
- 67a.FP feldspar porphyry
- 67a.GR grandiorite
- 67a.QD quartz diorite
- 67a.QM quartz monzonite
- 67a.GT granitoid rocks, undifferentiated monzonite, monodiorite, lesser syenite, diorite, granodiorite, quartz monzonite (Coryell Intrusions 1)
- 67a.SY syenite

Plutonic ages, R.L. Armstrong 1984

Geologic contact

Fault, position approximate, inferred

Thrust fault, position approximate, inferred

FIGURE 3 PALEOGENE ROCKS OF THE CANADIAN CORDILLERA

Compilation: J. Nelson 1985
 SCALE 1:10,000,000