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## LEGEND

### Sedimentary and Volcanic Rocks

**CENOZOIC**

**MODERN**

RECENT AND PLEISTOCENE

*Clay, silt, sand, gravel, boulders*

18 — *Olivine basalt*

**TERTIARY**

EOCENE

17 — *UPPER EOCENE: basalt, andesite, latite, rhyolite, tuff, breccia, conglomerate, agglomerate, sandstone, shale*

**MESOZOIC**

**CRETACEOUS (?)**

UPPER CRETACEOUS (?)

16 — *HELVEKER VOLCANICS: trachyandesite, andesite, basalt, tuff*

**CRETACEOUS**

UPPER CRETACEOUS

15 — 15A, *mainly conglomerate interbedded with other clastic sediments, rhyolite tuff and andesite tuff; and accompanied with lavas or intrusives;* 15B, *mainly coarse sandstone interbedded with conglomerate other clastic sediments and, probably, tuff*

**JURASSIC (OR AND) CRETACEOUS**

UPPER JURASSIC (AND) LOWER CRETACEOUS

14 — *Andesite, tuff, breccia, greywacke, shale, jasper*

**JURASSIC**

13 — *Conglomerate, arkose, grit, greywacke; dacite tuff, andesite tuff; quartzite, argillite, limestone, shale, sandstone; andesite, dacite*

**TRIASSIC**

12 — *Argillite, shale, limestone, conglomerate, greywacke, andesite tuff, dacite tuff, and, probably, lavas*

11 — *Andesite, keratophyre, basalt, tuff, breccia, agglomerate, conglomerate and greywacke; minor amounts of argillite, quartzite, shale and limestone; many small stocks, necks, sills and dykes of rock types mainly allied to the effusives*

**PALEOZOIC**

**PERMIAN**

10 — *Mainly white limestone; minor amounts of chert, quartzite, argillite, slate and schist*

**PRE-PERMIAN**

9 — *Quartzite, schist, slate, argillite, limestone; schistose tuff; highly altered extrusives, and/or, intrusives*

### Intrusive Rocks

**MESOZOIC**

**TRIASSIC TO CRETACEOUS**

8 — *Quartz monzonite*

7 — *Biotite-andesine granodiorite and some quartz monzonite*

5 — *Oligoclase granodiorite; rare quartz diorite and diorite*

4 — *Hornblende-andesine granodiorite; rare quartz diorite, diorite and quartz monzonite*

3 — *Orthoclase porphyry; pulaskite, nordmarkite, nepheline syenite, syenite, and, locally, pyroxenite*

1 — *Not subdivided: quartz monzonite, granodiorite, quartz diorite, diorite*

*Geological boundary*

P 29 — *Fossil locality*

Zone — *Zone of intense block-faulting*

*Boat channel, 1929. Parts of the channel, especially where sand bars are extensive change from year to year*

*River sand and gravel bars and deposits*

*Road and trail*

**SOURCES OF INFORMATION**

*Topography by* **F. A. Kerr**; *with portion northeast of Mess and Telegraph Creeks by* **J. Davidson, Department of Lands, British Columbia.**

*Geology by* **F. A. Kerr**, *1926–1929.*

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Telegraph Creek
Stikine R.
Dease L.
Liard R.
Fort Nelson
Fort St. John
Peace R.
Pine R.
Finlay R.
Parsnip R.
Nechako R.
Fraser R.
Quesnel
Prince Rupert
Skeena R.
Nass R.
Stewart
Prince Rupert
Hazelton
Tofino
Nootka
Victoria
Vancouver
Nanaimo
Cowichan L.
Victoria
Port Alberni
Alberni
Port Renfrew
Sooke
Esquimalt
Victoria
Sidney
Victoria
Victoria
Victoria