

LEGEND

CONGLOMERATE
fossiliferous on Sophie mountain

Bs
Beaver mountain sediments
grey and brown shales and sandstones

Bv
Beaver mountain volcanics
flows and pyroclastic deposits of andesite, andesite and basalt

Rv
Rossland volcanic formation
flows and pyroclastic deposits of latite, andesites and basalt

Carbonaceous argillite, sandstone, etc.
fossiliferous

PD
Pend D'Oreille limestone
white marble, fossiliferous

PD
Pend D'Oreille schist
Carbonaceous phyllite, with quartzite and greenstone intercalations

Intrusive

Carvell batholith
hornblende-biotite, syenite (pyroxenite) with phases of aegirite porphyry

Sheppard granite
biotite granite; stocks and dikes

Shatterzone of Trail batholith

Trail batholith
granodiorite

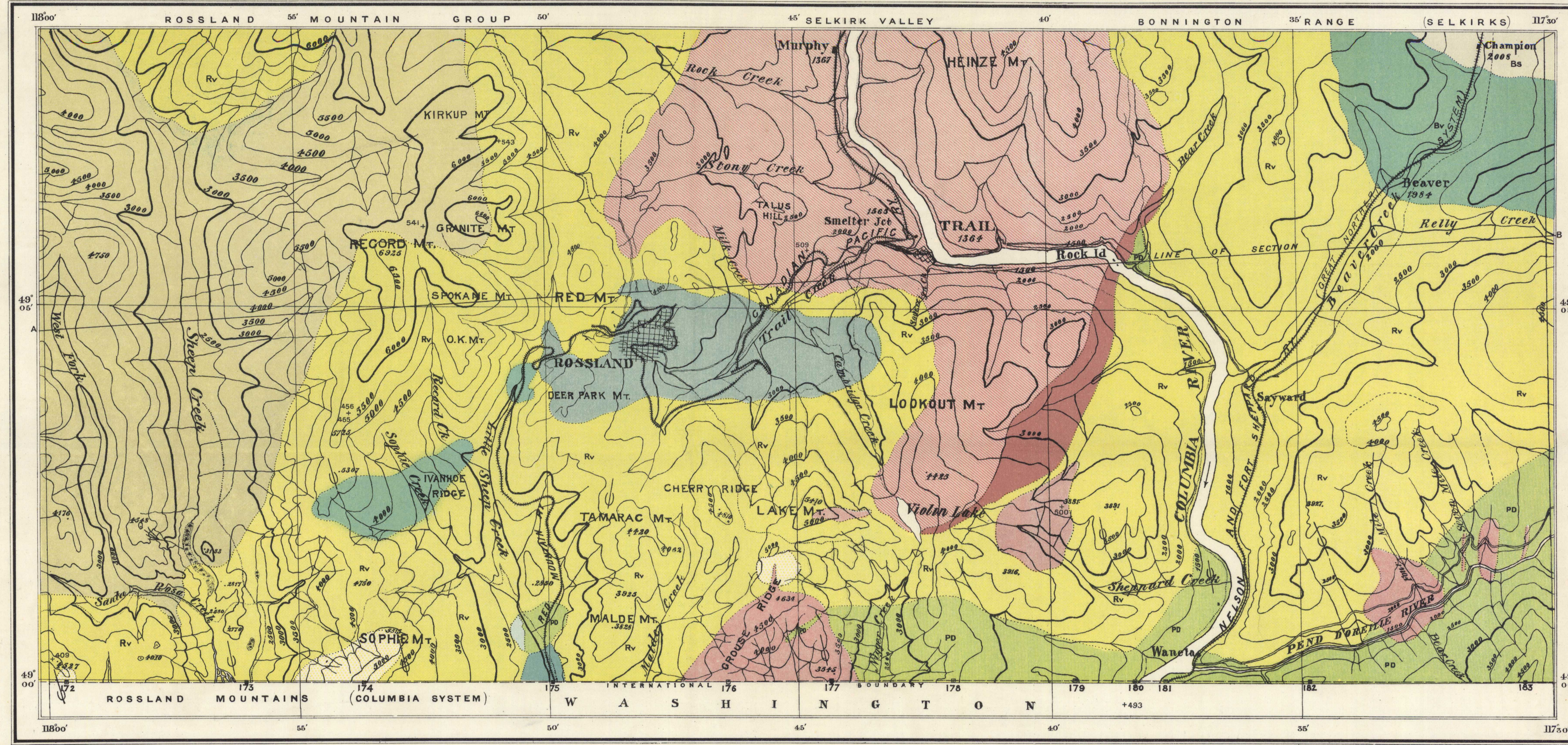
Rossland monzonite
stock

Dunite and Serpentine
dikes and chonoliths

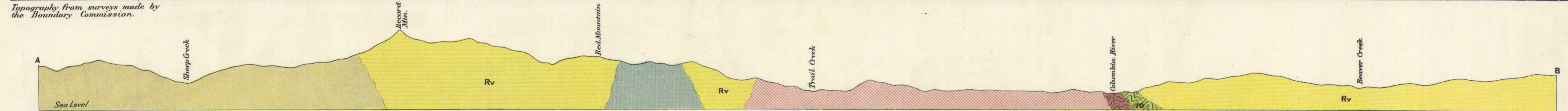
Symbols

Geological boundary

Glacial striae

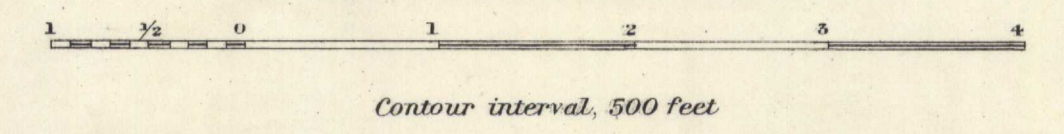


Note: Many minettes and other microlunophores on the Pend D'Oreille schists in the Pend D'Oreille river gorge, as well as the older rocks in the Rossland mining camp. Numerous porphyritic dikes syngenetic with the Rossland volcanics are not shown and apophyseal dikes from batholiths and stocks are likewise not plotted. Localities of chemically analyzed rocks, shown thus, +409



GEOLOGY OF THE FORTY-NINTH PARALLEL, By R.A. Daly.

Scale: 1:62500 = 0.9864 Statute Miles to Inch.



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MAP 81A 81A
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