



FIGURE 2

GEOLOGIC MAP OF THE RAINY CREEK AREA

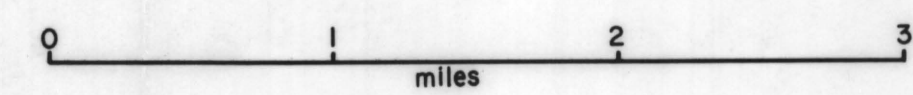
Tertiary	Tg	Gakona formation
	g	Gabbro and mafic gabbro
Mesozoic	P	Peridotite and dunite
	+qd+	Quartz diorite
Triassic?	Ra	Amphitheatre basalt
	Pmg	Mankomen formation, graywacke member
	Pml	Mankomen formation, limestone members (sub-units 1, 2, and 3)
Permian	Pms	Mankomen formation, black slate member
	Pmt	Mankomen formation, tuffaceous sandstone member

Mississippian-Pennsylvanian

pre-Mississippian?

Cr	Tuff and sediments associated with Rainy Creek basalt
Cr	Limestone associated with Rainy Creek basalt
Cr	Rainy Creek basalt
Cl	Intrusive andesite and dacite
Cl	Limestone
Cvs	Andesite, dacite and graywacke (may include Rainy Creek basalt in NE quarter of map)
sl	Black slate
gs	Graywacke-schist, phyllite and related rocks
ps	Plagioclase schist
md	Meta-diorite
mv	Meta-volcanics

- Contact (definite, inferred, concealed)
- - - Fault (definite, inferred, concealed)
- Thrust fault
- ↗ Strike and dip of bedding or flows
- ↘ Strike and dip of foliation, and plunge of minor fold axes
- x2 Mineral occurrence and locality number
- xM Mineral occurrence discussed in Geologic Report 14
- ⚡ Gold placer workings
- O<sup>18</sup> Stream sediment sample and number
- Weakly to moderately anomalous stream sediment sample
- Strongly anomalous stream sediment sample



Topography from U.S. Geological Survey Mt. Hayes B-4 and B-5 Quadrangles

Geology (main part of map) by Arthur W. Rose assisted by Walter T. Phillips, Jr., 1964, modified and extended in 1965. Geology of NE quarter modified from James H. Stout, 1965.

