## LEGEND

TERTIARY
MIOCENE(?)

- **13** Basalt and rhyolite flows
- **12** Rhyolite and dacite breccia, tuff and flows; 12a, Remount Porphyry intrusive equivalent of 12 ?

LOWER TERTIARY

- **11** Andesite flows and breccia; basalt and minor dacite

CRETACEOUS
UPPER CRETACEOUS

- **9** KINGSVALE GROUP
  Arkose, greywacke shale and minor conglomerate; varicolored andesite and basalt related pyroclastic rocks

LOWER CRETACEOUS

- **8** TAYLOR CREEK GROUP
  Chert-pebble conglomerate black banded calcareous shale, green tuff volcanic breccia, andesite and basalt
- **7** JACKASS MOUNTAIN GROUP
  Undifferentiated; 7a, interbedded carbonaceous argillite and greywacke, minor conglomerate and coal; 7b, greywacke; pebble conglomerate, argillite and gritty sandstone; 7c, argillite; conglomerate and greywacke; 7d, massive greenish greywacke, argillite, gritty sandstone and pebble conglomerate

JURASSIC AND CRETACEOUS
UPPER JURASSIC AND LOWER CRETACEOUS

- **6** RELAY MOUNTAIN GROUP
  Argillite, greywacke, shale, siltstone, and pebble conglomerate

JURRASSIC
LOWER JURASSIC.

- **5** Argillite and shale; minor sandstone, limestone and pebble conglomerate

TRIASSIC
UPPER TRIASSIC

- **4** HURLEY FORMATION: Thin-bedded calcareous argillite, phyllite, limestone, tuff, conglomerate, agglomerate, andesite, and minor chert
- **3** PIONEER FORMATION: Greenstone derived from andesitic flows and pyroclastic rocks; 3a, andesite breccia, tuff and flows, greenstone; minor rhyolitic breccia and flows, slate, argillite, limestone and conglomerate
- **2** NOEL FORMATION: Thin-bedded argillite, chert, conglomerate and greenstone

MIDDLE TRIASSIC AND(?) OLDER

- **1** BRIDGE RIVER GROUP ( FERGUSSON GROUP )
  Chert, argillite, phyllite and greenstone; minor limestone, schist; 1a, metamorphosed rock of map-unit 1; mainly biotite schist

PLUTONIC ROCKS ( Mostly of uncertain age )
TERTIARY
PRE-MIOCENE (MAINLY)

- **P8** Sills and stocks of felsite, feldspar porphyry, and andesite; probably related to 11 and(?) 13

CRETACEOUS OR TERTIARY
UPPER CRETACEOUS OR PALEOCENE

- **P7** P7a, fine-grained to medium-grained quartz monzonite and granite; P7b, coarse-grained grey diorite, medium-grained hornblende granodiorite and diorite, feldspar porphyry and feldspathic rocks similar to P8

LATE CRETACEOUS ? AND EARLY TERTIARY

- **P6** Granite
- **P5** Quartz monzonite
- **P4** Granodiorite; P4a, miarolitic granodiorite and syenodiorite
- **P3** Quartz diorite
- **P2** Diorite, P2a, [illegible] Augite diorite, gabbro, minor soda granite and quartz diorite
- **P1** Gabbro

[illegible]

- **U** [illegible] gabbro and [illegible] [illegible]

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# CANADIAN GOLD PROJECT
# BRIDGE RIVER AREA

# GEOLOGY

| | |
|---|---|
| SCALE: 1:50,000 | PROJECT NO. C 414 |
| DATE: SEPTEMBER, 1974 | REVISIONS: |
| FIGURE: 7a | 843397 |

M414-G-7