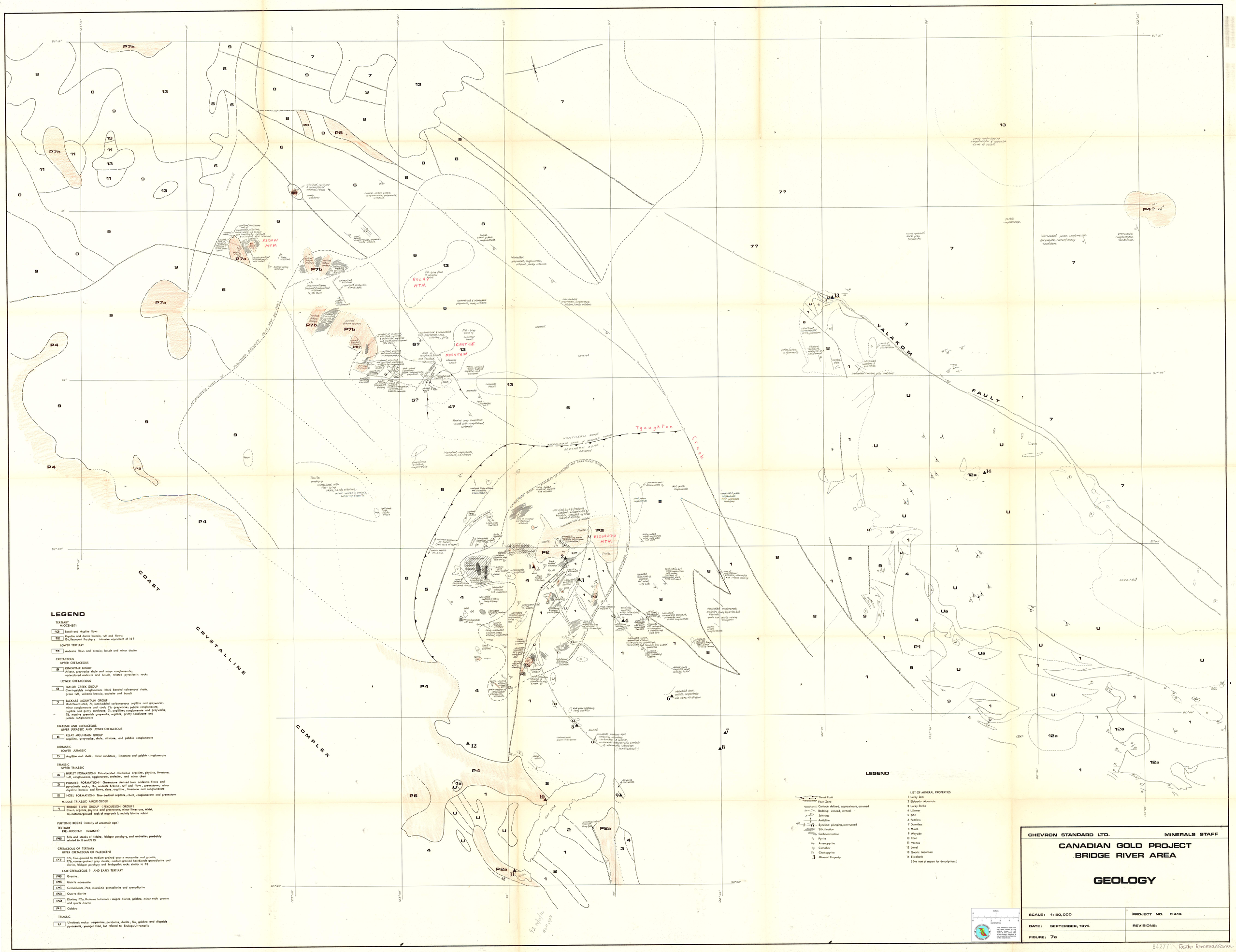

LEGEND

TERTIARY
MIOCENE(?)

13 Basalt and rhyolite flows

12 Rhyolite and dacite breccia, tuff and flows; 12a, Remnant 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; 7u, 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 NURTY 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 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/or 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, Bralorne Intrusions: Augite diorite, gabbro, minor soda granite and quartz diorite

P1 Gabbro

TRIASSIC

U Ultrabasic rocks: serpentine, peridotite, dunite; Ua, gabbro and diopside pyroxenite, younger than, but related to Shulaps Ultramafic

CHEVRON STANDARD LTD. MINERALS STAFF

CANADIAN GOLD PROJECT
BRIDGE RIVER AREA

GEOLOGY

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

842771 Taseko Reconnaissance