GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES

Diagrammatic cross-section along A-B

Diagrammatic cross-section along C-D

Figure 18

Upper Paleozoic rocks near Tagish Lake, southeastern Whitehorse and northeastern Bennett map-areas, Yukon Territory and British Columbia

Scale 1:63,360
(1 inch to 1 mile)

Miles 1 0 1 2 3 Miles
Metres 1000 0 1000 2000 3000 4000 5000 Metres

Geology by J.W. Monger

To accompany GSC Paper 74-47 by J.W. Monger

Geological cartography by the Geological Survey of Canada

Base-map cartography by the Geological Survey of Canada from maps published by the Surveys and Mapping Branch, in 1971

Approximate magnetic declination 1974, 30°29.4′ East, decreasing 3.7′ annually

INDEX MAP

LEGEND

QUATERNARY

Q	*Glacial deposits and alluvium*

LATE CRETACEOUS AND/OR EARLY TERTIARY
SLOKO GROUP (includes Hutshi Group of Wheeler, 1961)

kTv	*Porphyritic andesite, andesite flow breccia*

MESOZOIC?

Mg	*Granitic rock*

UPPER PALEOZOIC
CACHE CREEK GROUP

cPH	*HORSEFEED FORMATION:* cPH, *limestone, dolomitic limestone;* cPHvb, *basaltic flow rock, probable diabase and pyroclastic rock*
cPK	*KEDAHDA FORMATION: chert, in part Lower Permian; in part possibly pre-Pennsylvanian; local pelite (*cPKvb*);* cPKvb, *basic volcanic rock*
cPN	*NAKINA FORMATION: Basic volcanic rock, gabbro, fine-grained amphibolite, tentatively corrected with Nakina Formation*

Geological boundary (defined, approximate, assumed)
Limit of geological mapping
Bedding (inclined, vertical)
Foliation (inclined, vertical)
Fold axis
Fault (approximate, assumed; solid circle indicates downthrow side)
Thrust fault (teeth on upper plate; assumed)
Chemical analysis (numbers 1 to 4 refer to analysis in Table 1) ×

FOSSIL LOCALITIES

Late Permian (~ Guadalupian) ○
Late Early Permian (~ Leonardian) □
Early Early Permian (~ Wolfcampian) △
Late Pennsylvanian ◑
Middle Pennsylvanian (Desmoinesian) ◨
Early Pennsylvanian (Morrowan) ◭
Fossil in clast in breccia b○

(numbers 1 to 3 refer to identifications in Appendix 1, Table 4)

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