Undifferentiated volcanic and associated sedimentary rocks

Strip

Air

TERTIARY - PLIOCENE

PLEISTOCENE

lmD

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T

NEWMONT LAKE GRABEN

UNUK RIVER - BETTY CREEK - MOUNT DILLWORTH FORMATIONS

SUSTUT GROUP

SPECTRUM FORMATION

Energy and Minerals Division

Ministry of Employment and Investment

BOWSER LAKE GROUP

Ssn

ob

Sva

Svs

Svt

Spp

Sc

Hv

al

Sss

Sc

Sc

b

Sgs

Sc

Sc

104F

DM

sandstone, well bedded, poorly-graded and quartz-rich, contains granitoid,
White and pale green quartz sericite schist, well foliated and tightly crenulated
poorly sorted with tuff interbeds
phyric mafic and intermediate volcanic and subvolcanic rocks and limestone,
Thick bedded, maroon volcanic conglomerate, clasts are augite and plagioclase-
and breccia flows
Massive amygdaloidal, aphyric to plagioclase and pyroxene-phyric basalt
Maroon andesitic feldspar-phyric lapilli and crystal tuff, includes unwelded to
quartz feldspar-phyric flow breccia
Grey to light green phyllitic siltstone, graphitic argillite, siliceous phyllite/tuff and
Medium bedded to massive fossiliferous carbonate; deformed, thin layered
Black, thin bedded carbonaceous and pyritic silty shale, grey sandstone and
Massive, thin laminated black and brown calcareous siltstone, interbedded with
Medium bedded, pale green tuff and epiclastic rocks, orange-weathering augite
Maroon and dark green pyroxene porphyritic, plagioclase porphyritic and aphyric-
Algal limestone, laminated, dark grey to black
limestone lenses
volcanic and sedimentary clasts of Stikine assemblage and Stuhini Group strata
Brecciated and fractured dark green and grey siliceous siltstone
and intercalated fluvial gravel

EXHILE HILL VENT:

wcg

Sfv

porphyritic subvolcanic bodies

STIKINE ASSEMBLAGE

Johnny

River

Edziza

Mt.

Read et al. (1989)

Logan, J.M., Koyanagi, V.M. and Drobe, J.R. (1990): Geology and Mineral Occurrences of the
argon dating by Peter Reynolds at Dalhousie University.

potassium-argon determinations by Joe Harakal at The University of British Columbia; argon-

Topographic contour (200 metre interval)

Surface work; adit, trench

Limit of mapped area

Dike (inclined, vertical)

MORE CREEK PLUTONIC SUITE (~ 355 Ma)

TEXAS CREEK PLUTONIC SUITE (195 - 189 Ma)

MIDDLE JURASSIC

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DHerman, P., Levecq, G., Veitch, C. and Sandiford, L. (1990): Geology of the Weihpei River and


COPPER MOUNTAIN PLUTONIC SUITE (210 - 200 Ma)

THE ISKUT RIVER AREA

of Plutonic Suites, Iskut River Map area, Northwestern British Columbia;


(1989): Geology, More and Forrest Kerr Creeks (parts of 104B/10, 15, 16 & 104G/1, 2),
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