

Sulphurets
803606

TELECOPIER MESSAGE

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DATE: Feb. 15/94 FAX NUMBER: (604) 666-1124

TO: Ron Wells
cp Placer Dome Kamloops, B.C.
fax 372-7784

FROM: DR. ROD KIRKHAM, Geological Survey Phone: (604) 666-0517

MESSAGE/SPECIAL INSTRUCTIONS:

Ron,
Attached are copies of 2 "field" legends.
The one dated Aug. 6/87 has the numbers that you
see on the field maps (i.e. basically lithologic rather
than stratigraphic).

I put a copy of ~~the~~^{an} old ~~open file~~ January
1988 1:20 000-scale map in the mail to you (the open
file was more recent than this draft) (will find it some time).

Best regards
Rod

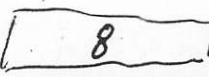
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(RVt's Copy)

June 22/87
(Rev. Aug 6/87)


Suggested legend for main rock types
for 1987 GSC mapping
Mitchell - Sulphurets Area B.C.


8  913 Intensely Altered Rocks
Dominantly chloritic ^{green} massive hard & foliated altered (py, po etc) rocks of uncertain origin.

7  942 quartz-sericite (chlorite) - pyrite schis.
(much after andesite breccia)
- foliated in most areas


6  939 "silicified" rocks (mainly relatively massive hard of c/s - includes albitized & contact metamorphosed hornfelsic) & altered (py, po) rocks of uncertain origin

"Mitchell Intrusive Rocks
Intrusions


5  921 trachytoid (qz?) syenite porphyry, maroon granite
(intermediate & felsic intrusions)
monzonite porphyry


4  932 plagioclase-hornblende porphyry
(monzonite, monzodiorite, diorite? porph.)
(mafic & intermediate intrusions)

Sedimentary Rocks
* some dark, * spar bearing Premier-type porph

3  945 } Greywacke, siltstone, black argillite
mainly bl., grey & green - greywacke altered
Slate (& green, grey & buff hornfelsic equivalents)
& interbedded pl. lithographicls, pebbly mudstones, conglomerate & sedimentary etc.

Volcanic Rocks

2  910 Rhyolite
Dacite, bedded dacitic tuff, welded tuff

1  909 Andesite, andesite breccia
basalt, basalt breccia, tufts (minor interlayered sedimentary rocks)
- mafic & intermediate epichlastic rocks

XX - Abundant quartz veins
XX
- - - Fault. lineament

OR7-10 - Location station
X34C - sample site allocation

August 1990
1991
March 1992
RVT

PROVISIONAL LEGEND

md 11 Postmineral mafic dykes

INTENSELY ALTERED ROCKS (LOWER JURASSIC?)

- AC 10 913 Green, dominantly chloritic altered rocks (^{propylitic} propylitic alteration)
- As 9 942 Pale quartz, sericite (+chlorite), pyrite schist (metaphyllic (+meta-argillic?) alteration)
- AF 8 939 Pale, massive, hard silicified and feldspathized rocks (potassic, sodic, and/or siliceous alteration and pale pyritic hornfels)

MITCHELL INTRUSIONS (LOWER JURASSIC?)

- 7 JR MF 7 926 Syenite and monzonite porphyry, aplitic maroon granite; 7a) Sulphurets sodic (albite, hornblende) porphyry; 7b) potassic monzonite; 7c) low-silica, maroon, aplitic granite; 7d) Premier (two-feldspar) porphyry; 7e) post(or late?)-mineral, magnetite-bearing monzonite
- 6 JR Mm 6 932 Plagioclase-hornblende porphyry (diorite, monzodiorite, monzonite)

LAYERED ROCKS

LOWER, MIDDLE AND UPPER JURASSIC

BOWSER LAKE GROUP

3 JR B 945 Greywacke, siltstone, mudstone, conglomerate, chert

~~LOWER AND MIDDLE JURASSIC~~

~~SPANISH GROUP~~


JR SR 4 Salmon River Formation: 4a) rhythmically-bedded, mudstone, siltstone, greywacke; 4b) massive columnar-jointed, and/or pillowed, amygdaloidal, ^{basalt} andesite; pillow breccia

LOWER JURASSIC

HAZELTON GROUP

3 JR MD 3 910 Mount Dilworth Formation: dacite, rhyolite, felsic bedded tuff, welded tuff

2 JR H 909 Andesite, basalt, intermediate and mafic breccia, tuff, epiclastic rocks: 2a) interlayered greywacke, arenites, siltstone, conglomerate, mudstone, lithographic limestone chert

JR J  *Jack Formation: fossiliferous limy sandstone, siltstone, mudstone, conglomerate, greywacke, carbonaceous mudstone*

UPPER TRIASSIC

STUHINI GROUP

1 TR S 936 Greywacke, arenite, siltstone, mudstone, slate, conglomerate, breccia, pebbly mudstone, lithographic limestone, sedimentary, and volcanoclastic debris flows, *pyroxene-phyrnic tuff, and breccia, pillow lava, and pillow bre*

geologic contact: defined, approximate, assumed.....

fault: defined, approximate, assumed, thrust fault.....

bedding.....

schistosity.....

abundant quartz (+carbonate, barite) veins (stockwork).....



- Ag - silver
- As - arsenic
- Au - gold
- Cu - copper
- Pb - lead
- Mo - molybdenum
- Zn - zinc
- py - pyrite
- po - pyrrhotite

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