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DEBBIE

Apr. 18/80

Ed Lyons / Richard Walker / Norm Berg ⇒ WESTMAN
TGS, PW, WRS, WSM, NM, VAP

Ex-dyke (Fy Por): in situ = Pyrox.

phyric ands. flows
(i.e. part of stratigraphy)

Low-k rhyolite at Regina workings
correlated with chert 'horizon'
at 900 zone

900 ZONE

- 'Pipe-like' morphology of gtz-stkuk
below chert

Also gtz. 'stkuk' above chert but
w/ thout gold

92F 331
885406

'Iron Fm.'

Comment by RW: Sicker Gp.
is anomalous in Au - eqv
HW Mine - BC's 3rd
largest Au producer.

→ Malcom Warwick - operates Westman
computer works for Alberni project

Battle \leftarrow \rightarrow Mt. Sicker

370 Ma (Devonian)

\Rightarrow analogy with major Archean
camps in eastern Canada

\rightarrow felsic volc. centres

- no dates from Pt. Alberni area yet

- felsic horizon recognized at
Foggy Cr., Yellow Cr., 900 Zone &
Regina workings

Host Rocks \rightarrow MYRA AMN.

Pyroxene aphyric basalt ($\sim 52\% \text{SiO}_2$)
(similar to HW mine)

- incl. flow top breccias (amygdaloidal)

+ tuff wackes (no epiclastics)

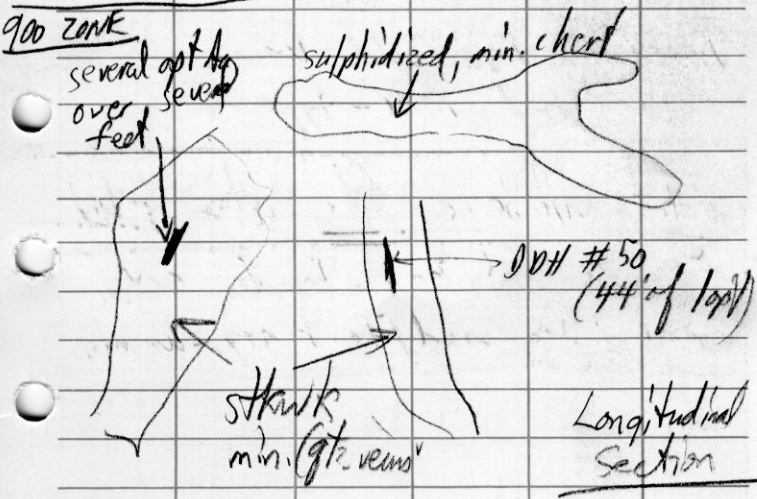
\hookrightarrow proximal turbidites (submarine)

- Epidotization predates deformation

Locally Qtz veins are folded.

② Rogers Ck. showing - chl/sec schist
 with stratobound, ZnS with
 X-cutting ^{older} Qtz veins
 [Note: cobalt showing nearby]
 (esp. Thistle prop,
 → massive sulphide, stratiform)
 Au + Cu assoc. mafic rocks.
 (+ Co) ⇒ i.e. Windy Craggy
 → Paleozoic Pb 'date' from this zone

SOIL SURVEYS ^{line spacing}
 ~1980 200 m X 50 m intervals
 1986 100 m X 25 m



- carbonate all'n in structural zone (sometimes pipe-like)
- esp. strike zone below chert
→ 900 Zone Model
(Good sketch for Gold Paper!)

→ at least 3 old adits on east side of Mineral Creek

Linda-type veins seen to x-cut cataclastic (Mineral Ck.) zone & it is in turn x-cut by younger shearing

Vancouver Is. Gold vein also termed MAC-type vein

Adit will be 180 ft. into HW

Fsp. for. dyke intrudes cataclastic zone (presumed Tertiary - unmin.)

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FIELD STOPS

① 900 Zone - well lined chloritized
mafic volc.

1/2 inch x-cutting gtz-carb-py fault
zone

Photo 1 Looking NE from
west side of Mineral Ck. across
to recent drill sites 'Belcher
Hole', Van. Is. Gold Mine area

Photo 2 Looking SSE over Mineral
Ck. - over Stevenson Adit
- proposed new adit will break
out above Stephenson Adit

PHOTO 900 Zone Tr.

② MINERAL CK. ZONE

③ ROBERTS CK. ZONE - chl. phyllite
+ py + ZAS

PHOTO

Rhyolite flow overlying
basalt pillow bx.
(Mt. Arrowsmith in bkgd)

Debbie

Oct. 14/89

Sicker Workshop Field Tour
- + Richard Walker, Ed Lyons
REGINA ZONE area

- Large pillow lava 'unit' below
Karmutsen = lower TiO_2 (i.e. $<1\%$)
cf. Karmutsen $>1\% TiO_2$

- Jasper exp. on road - excellent
exposure of contact (top) of
Duck Lake Fmn. (below
Nitiqat Fmn) - includes 'isoclinal'
folding \equiv 900 zone cherts

