

93F/6W
93F022 June 19/84
CAPOOSE

- 'Free' chopper trip with Tom Jones
+ Don McMillan (Gov't Agent) on
"Section 50" to east (Tsachia Mtn.)

~ 1 hr 10 min from Smithers (Okana)

4 to 5 ft snow drifts around
tent frames + core

1980 core - stacked

1981 + 1979 core - in core racks

- briefly looked at top 4 or 5
racks - 'same' geology

- Then made circle around
entire property.

- Looks like 1981 ddh to S + SW

- Rhyolite - Argillite contact on North
side still covered in snow! (6 ft?)

- Camp garbage dug up by bears

- Cat just cleared road into camp +

is building more road today
(still some 4 to 6 ft. drifts)

METRIC FIELD

881557

Garnets occur both in
rhyolite + 'andesite'.

- Locally good welded pyroclastic
textures in rhyolite.

C APOOSE

July 6/80

Pic

Rhy. bx by MH-13 (80-3)

80-13

111 ft - 119 ft.

Well min fault gouge pt + Ag
in rhy (w. gnt)

Pic

Looking NNE towards Kenny Dam
& then N towards Ostrack.

Pic

Contact of andesitic bx
overlying rhy
contact @ 000°/65°W

Pic

Rhy bx with banded
grey sil bx.

Pic

Crse mafic bx

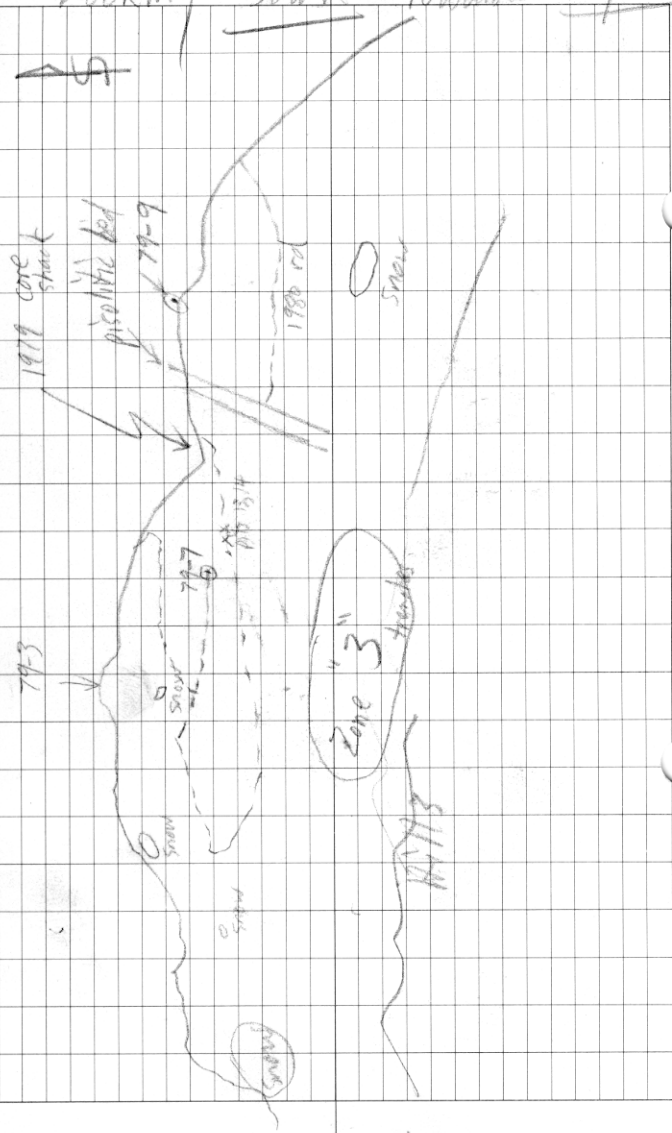
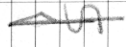
Pics

Looking N over Green Lk.

Pic

Broad warping in banded
"argillite" - zone "3" (near Cap-80-4)

Looking South towards Caprose



P.M.

Traverse NE of camp on east side of 'bluffs'

- flow banding in rhy @ $135^{\circ}/25^{\circ}W$
- prominent frac @ $090^{\circ}/N$
- also ab. gnt. along frac planes
- (Pic) - ab. gnt. - dissem
- on fracs

Argillite - snow patch (east side of knob)

Bedding $155^{\circ}/27^{\circ}W$ - looks like could be fossiliferous

Cap-80-13

E-W fault separates rhy (south) from argillite north

base line 6+00 post in center
+ east down past 5+00

- pyritized + hornfelsed

(Pic) - very important!

- conformable rhy overlying pyritized + hornfelsed argillite
contact // to bedding @ $170^{\circ}/20^{\circ}W$

(Pic) Block of limestone in argill
gnt just below contact w. rhy.

- ab. dissem + frac px.

Cap-80-15

Bedded limy sed. - part of
large 'blocks' in argill. below
rhy.

Cap-80-16

Argill. with fossils - belemnites!
(below rhy.)
PIC - fossils

- came west up draw on
south side of old Rio Tiato (1974)
test pits in gnt. rhy.
(Moosehorn Area) - see July 6th
+ traverses (pm)

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Geological
Consultants
in B.C.

Cap-80-17

sa. sent in for X-ray of black
needle-like xls collected from
shyalite below (i.e. north of 00H-79-9)
on access road for 1980 ddh)
= arsenopyrite!

Cap-80-18

sa. of bio. bnfls (collected just up from camp)
sent for thin sectioning for possible
age dating.

Cap-80-10 Rhy unit interbedded
with PBS & py on frac. & dissem.
- Rhy unit in draw approx 3000 ft
north of Fawnie Nose (snow in draw)

- bedding $120^\circ?$ in ands. pyrocl.

- good case narrow pyroclastics
with ab. epidotized frags. + fac.

- excellent bedding $170^\circ/40^\circ$ SE

- minor folding in volc. sed.

Cap-80-11 Interbedded rhy^{unit} with
dissem. py + garnet

- north side of ^{knob} Fawnie Nose.

- well bedded (flow) $170^\circ/35^\circ$ SE

- curving in rhy. balls up to 12" diam
with apparent nuclei

i.e. similar to Capoose?!

Cap-80-12 Rhy Flow

- top of Fawnie Nose

strong ^{irregular} bedding $080^\circ/80^\circ$ S

Flow banding $135^\circ/12^\circ$ SW

SUMMARY

Structure

Strong, prominent E-W
gullies = faults or major shear
all along ridge tops (i.e. N-S)

Gross flow banding + bedding
in pyroclastics is \sim N-S to 130° .

Geology (camp south to Favourite Nose)

Conformable sequence of interbedded
pyroclastics and flows

- rhyolite

- andesitic incl. narrow

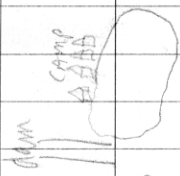
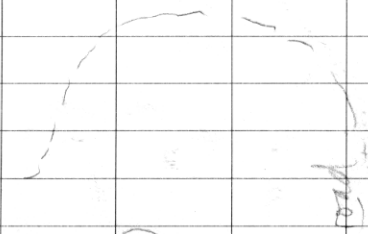
- Rare garnetization (+ px) of rhy

- Epidote \pm chlorite common in ands. pyrocl

Dissem. arsenopy + py in pits adj. to
ands. immed. south of camp

79-9

S/E



80-11

D. S. 11

(11)

- geol. - Bill Lumley
- Ken Taylor -

Flat Top Mtn. (Van. radio)
N 710296

SBX-1R

- Traverse South to Fannie Nose July 7/80

step on ridge immet. south of camp
is very sil. hornfels (good sec. bio)
with dissem. arseno + py (+ trac) - Cap-80-5

- DK green ands. by on south side
of hill south of camp - Cap-80-6

- Cap-80-7 Fr. gr. mass. ands. (+py)

- Cap-80-8 Maroon pyroclastic
maroon matrix with frags (mainly
rounded) up to 4" diam.
Strike ~ E-W (Pic.)

knob north of Fannie Nose = ands.
pyrocl. with large frags (up to 3ft) incl.
min. rhy. by Epidote + chl. ubiquitous

D. PENHALL LTD.
BUREAU WALTER POND
MADE IN B.C.

3 dth on MoS₂ (Ned) zone

Aug. 11, 79

CAP zone

CAPOOSE LK.

Herb Shear

#6

dissem ~~py~~ in "chest"
+ minor 6" PbS - ZnS veins

below 214' - fragmental
horofels (good dk. brown)

See geol. map - GSS Mem. 324

#7

TYPE rhy.
+ dissem garnet + PbS

#8

Rhy (tuff) with fr.
dissem py + po
+ some hnt's. + good
ant.
+ ZnS + cpv veins

#9

Typical rhy + py
+ clots of gnt + PbS + py
+ dissem

DOH 1-5

typical min. rhy.
+ gnt.

3 dth on Ned (moly) zone

hot-spr where camp was in swamp - only fr. moly in core

Rhyolite full flow banding

175°/65° NE

bedded garnet @ 175°/65°
in 'bulbous' rhyolite?

~ 25 percussion holes in winter
9 ddh in 1979

av. $1\frac{1}{2}$ g Ag + minor Au

best 3 metre sec. of 14 g/ton Au
(oxidized zone)

POH #3 - best value in oxidized
zone ~ 3.3^g / ton over 36m.

incl. (105 grams) (118 Ft.)
51-69 (138.75 grams)

+ minor Au
(est. 0.03)

Argillite (well bedded) on north side
in prob. fault contact (as on geol. map)