

Expln in 7E ~~NO~~ YES

MI

92 I / SE-70

Property ~~Gaza~~ Gap

Formerly Gaza

~~check~~

Location 50°26.8' 120°56.8' NTS 92 I / 7e

DO NOT TYPE

M. D. Kamloops Elev 4650'

(total unsure)

Claims Nat, Gap, Fargo, Bud, ~~(total 37)~~ Bob

Owner Highmont Mining

Owner Hunt

1969 p 253 IP Bulldozer stripping

- 1968 p 193
- 69 p 253
- 70 p 345
- 71 p 348
- 72 p 169
- 73 p 175

[1972] PDH 1, 2, 3, 5 (2100')

Claims Nat Gap Fargo Bud (total 37)

1970 p 345 → 1 + 2 3450 pdk in 11 holes

1971 20 holes 5000' Nat + Bob

72 p 169

Gen 73 p 175 DDH's 2289' 7 holes

Gen 70 p 345

M MAR

As Rpt 1882 ?  
2052 IP

zeolites stilbite, heulandite  
overall grade est. 0.39% Cu

M MAR 1968 PDH Nat 1 + 2 4650' e1

\$056 C

stripped area 100 x 100' ENE shear to 2' wide chl ser mal, NNE+E fractures kaoln + mal

Previous work

In 1968, 122 metres of percussion drilling were conducted near the main showing on claims Nat 1 and Nat 2. <sup>At that time</sup> An area over the showings 30 m by 30 m was stripped ~~down~~. In 1969 some bulldozer stripping was done, <sup>(and an I.P. survey of the)</sup> ~~not the~~ claims <sup>was made.</sup>

Eleven ~~more~~ follow-up percussion ~~drill~~ holes with total length 1050 m were

<sup>(on Gap 1 and 2)</sup> drilled in 1970. Further exploration consisted of: <sup>loc.</sup> twenty percussion holes with total length 1525

m. on the Nat and Bob claims in 1971; 640 m more in 7 holes

on Nat 1, 2, 3 and 5 in 1972; and 700 m of surface diamond

drilling in 7 holes in 1973. <sup>The claims were</sup> geochemically surveyed in 1974.

Geology

<sup>(cleared area of the)</sup> The ~~main~~ showing on the property is crossed by the contact between Guichon and Chataway granodiorites. The Guichon variety <sup>unevenly</sup> ~~is~~ distributed contains ~~sub~~ subhedral mafic minerals which often form small clusters.

Quartz is interstitial to subhedral to euhedral plagioclase laths so

tends to be) wedge-shaped. Mafics are slightly less abundant in the Chataway variety and tend to be blocky and evenly distributed. Quartz

often <sup>has an</sup> euhedral shape.

In the main showing, Carr (MMAR, 1968, p.193) reported ~~malachite-bearing chloritized, sericitized shear zones to 0.6 m in width~~ ~~Carr reported shear zones 0.6 m in width~~ in width (MMAR, 1968, p.193).

~~The shears~~ <sup>with</sup> ENE trends. Fractures <sup>striking</sup> ~~with~~ NNE and E have pink K-

feldspar alteration <sup>envelopes</sup> and also carry malachite. Carr estimated the overall grade for the main showing to be 0.3 percent copper.

During this examination, the cleared area of the main showing and a 30 metre <sup>long</sup> trench at its west edge were mapped. Little mineralization <sup>is now</sup> ~~is~~ apparent on surface ~~but~~ but malachite was seen in shear zones and <sup>some</sup> ~~of~~ chalcocite was found on chlorite-coated fractures. Some fractures are coated by brick red stilbite and <sup>others</sup> ~~are~~ by crumbly <sup>weathering</sup> ~~is~~ leucandite. Quartz vein material <sup>carrying</sup> ~~with~~ specularite was found in float.

The ~~dominant~~ <sup>widest</sup> altered shear zone <sup>in</sup> the ~~altered~~ <sup>stripped</sup> area

strikes 075 degrees and is 6 metres in width. Other fractures subparallel

to this zone ~~are~~ <sup>are</sup> also sericitized, chloritized and malachite-bearing.

A younger set of fractures striking 040. to 060 degrees cut the

ENE fractures. <sup>main</sup> ~~The~~ <sup>The</sup> mineralized shear ~~zone~~ <sup>zone</sup> is in Guichon granodiorite and is ~~subparallel~~ <sup>subparallel</sup> to

the Guichon/Chataway contact east of the access road but

~~crosses~~ <sup>crosses</sup> ~~to~~ west of the road. crosses into Chataway granodiorite.

All the fractures are <sup>steeply inclined.</sup> ~~subvertical.~~

The main shear zone is exposed for 40 m. along strike and is 6 m. wide. Assuming ~~it~~ <sup>it</sup> extends to depth 40 metres

and the mineralized rock has specific gravity 2.70, <sup>geological</sup> ~~total~~ reserves

of 26,000 tonnes are indicated. If <sup>The</sup> true copper grade is near

0.3 percent, the zone is of no potential economic interest.

References

MMAR 1968 p. 193

GEM 1969 p. 253

} 1970 p. 345


} 1971 p. 348


} 1972 p. 169


} 1973 p. 175


Assessment Reports 1882, 2052 and 5056.

Legend

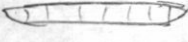
 chataway granodiorite


 Guchoh granodiorite

 Outcrop


 Fault

~~ open cut~~

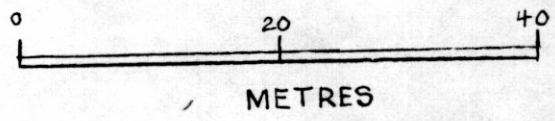
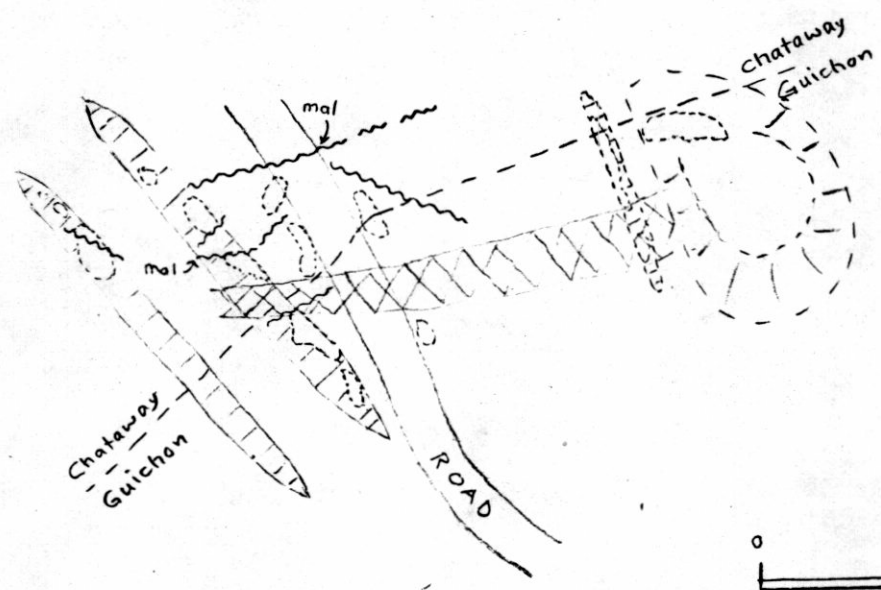
 Trench

 sericitized fault zone

mal malachite

 tailings dump

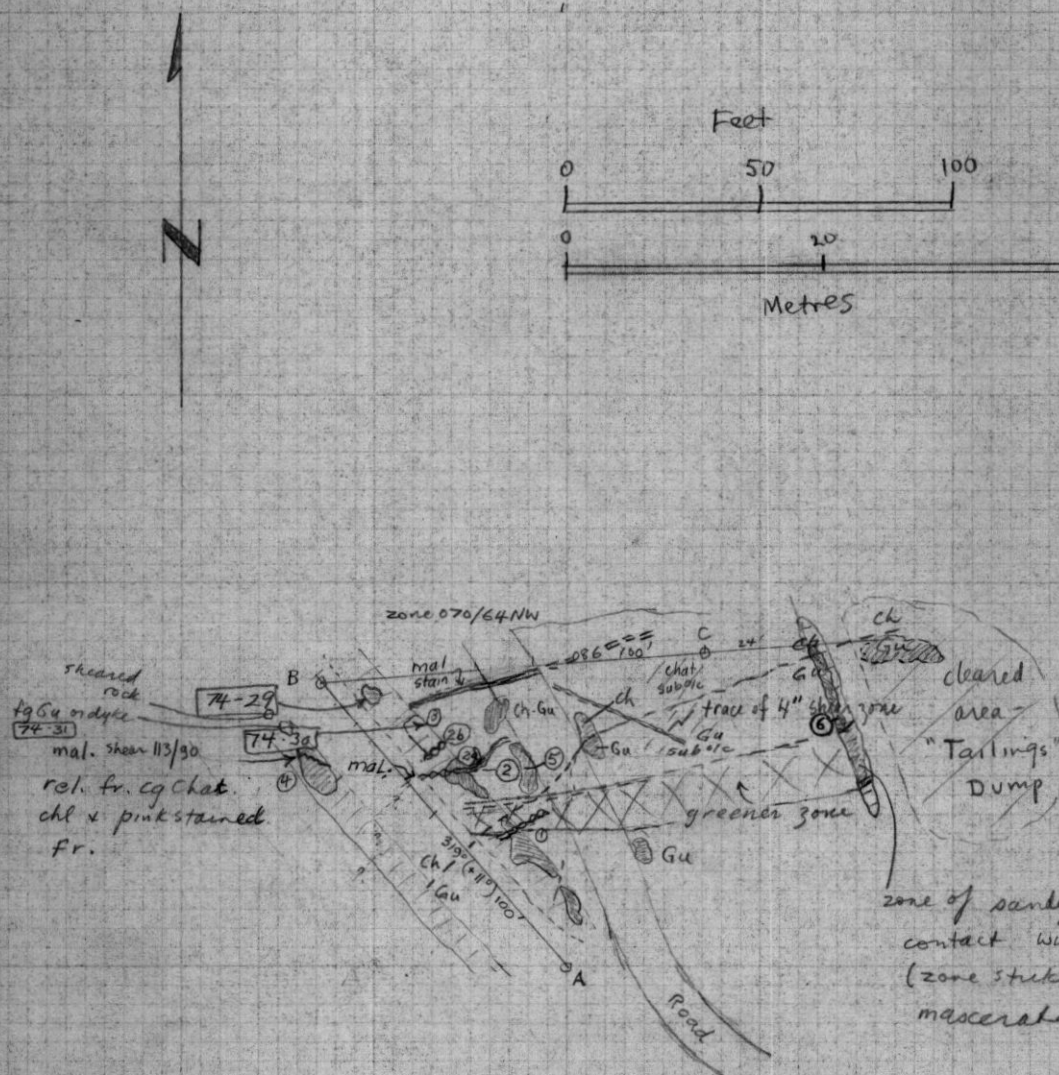
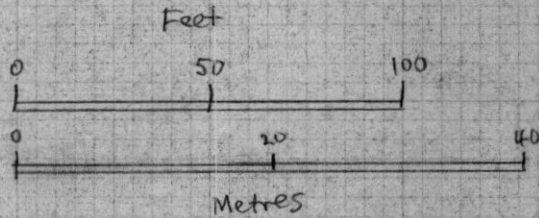
Title - WJM 3 - Geology of the <sup>stripped area over the</sup> main showing, Gap  
(Gaza) property, Highland Valley



July 10/74  
 WJM, JM  
 Cloudy, Cool  
 1" = 50'

GAZA SHOWING

- LEGEND
- sloping wall
  - o/c
  - fault zone
  - fault
  - shear zone stained with malachite



- ⑤ zones in the rock look like fg Gu - chat predominates
- ⑥ almost - fm texture - brush Gu [74-32]

zone of sandy/clayey weathered rock contact with less wtd rock dips 80° Nward (zone strikes 070°) - shear zone - less macerated rock on other side zone 20' wide

- ① closely frac. Gu gd - faces chloritized (some cp) and loc w. brick red zeolite pieces of gts - spec vein seen shear zone 060/81NW-8" wide
- ② Fractures 050/79NW 072/84SE sandy wtd zeolite vein 075/63NW shear zone with malachite 050° 043/52NW (JM)
- ③ mal. gauge 176/54SW locally the rock has pronounced green ser actn (2a) 043/52NW (JM)
- ④ Pink-stained Chataway gd [74-30] zeol. on fractures (pale pink)
- ⑤ Rel. fr chat, fract. pink stained.



74-29  
74-32

Area cleared + one <sup>100'</sup> trench

Gaza

Guirchon / Chataway contact  
shear zones with mal stain

74-29 possibly a ppv  
dyke - pink stained

Fractures pink stained (113/90)

Shears - mal 086

~115

113/90

050

043/52NW

176/54

043  
050  
060  
070



(113)  
(115)

070/80NW (20' shear zone)

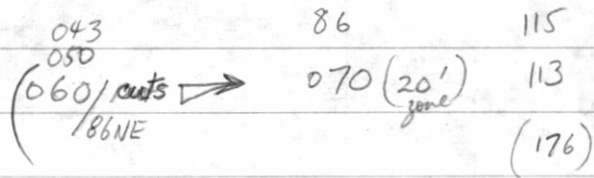
~060/cuts  
/86NE (8")

Fract chl (some cpy)

loc brick red zeolite, sandy wtig zeolite

qtz - specularite float

local green ser. sltn



1.312"

1" = 15.24 m

x = 20 m