Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

MEMORANDUM

To: Mr. G. White
District Geologist

009722

Date: February 8, 1984
Our File:

RE: Some Interesting Samples from the Joker Claim

During a short sampling trip in the Summer of 1982 for my prospective bulletin on the Iron Mask batholith and Afton, I collected a grab sample from the Joker Claim (see Figure 1 for location), which shows a mineral assemblage very similar to that of the Afton supergene ore. Last summer, on my way back from Tillicum Mountain, I stopped by the same locality and chip-sampled a small portion of the west side of the gully along Anderson Creek. Assay results rendered by our laboratory indicate that most of these samples are highly anomalous in Cu and Au. Figure 2 shows the location and description of the samples together with their Cu and Au assay. Indeed, values like 6.96% Cu and 7.4 ppm Au are too good to be ignored.

I do not know who owns the claim at present. Dr. W. J. McMillan suggested that you might be interested in doing some follow-up work and let the owner(s) know of the findings. Perhaps some new exploration activity could be initiated.

With best regards,

John Kwong.

John Kwong,
Laboratory Scientist

JK/lb

Enc.

cc: Dr. W. J. McMillan
Dr. V. Preto

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ACTION: WJM.
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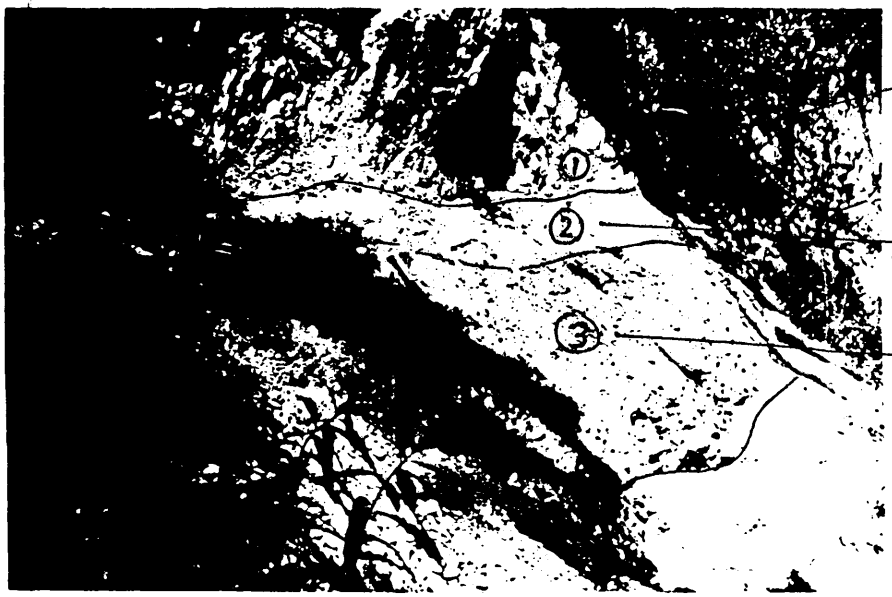
Fig. 2 Sample location, description and Au + Cu assays

Core storage shed



		Cu (%)	Au (ppm)
①	up to 6 m., massive though fractured microdiorite, trace malachite along fractures near bottom.	0.01	<0.3
②	0-1 m., brecciated microdiorite(?) with prominent ochreous alteration.	0.27	1.7
③	3-5m friable microdiorite with prominent malachite stain.	1.63	1.5
④	≈ 50 m south of pictured outcrop on same side (west) of gully; horizon corresponds to ③ above, heavy malachite stain; overlying rock ± loose material bleached white	6.96	7.4
⑤	Grab sample from general area of pictured outcrop; microdiorite breccia with prominent hematite, native copper, goethite and minor malachite.	5.75	3.8