Mr. v.J. Grantors who is president of the Caledonia Prospecting and Mining Syndicate of Seattle, Washington, submitted a specimen of quartz-pyrite with approximately 0.5% disseminated chalcopyrite, to this office on June 5th. 1963. While there was nothing unusual about the specimen, Mr. Granfors stated that similar specimens, submitted for assay, carried \$ 11.00: \$12.00 in gold.

The specimen came from a 4 claim group, located 4 miles West of the north end of Pitt Lake. Granfors did not know the extent of the mineralization, nor was his prospector colleague, Amos Kyotik, very voluble on the subject, except to say that the mineralization occurred in a large dyke. Kyotik had been on the property earlier this year but had been unable to bring out additional samples because the claims were still covered by snow.

While it seemed highly improbable that the quartz-pyrite would contain any amount of gold, the disseminated chalcopyrite, occurring in an intrusive rock, was intriguing enough, in our opinion, to justify examination. It was felt that by August 9th, the claims would be free of snow and accordingly, Kyotik and I flew to the property by helicopter from Vancouver.

On arriving at the property, we found a recent snow slide still covered the showing. An examination of the exact spot from which the samples had been taken, was not possible. The rocks in the near vicinity, however, showed no evidence of mineralization whatsoever and it is quite probable that the occurrance is quite limited in size. Kyotik intends to return to the property in two weeks and may be able to tell us a little more about the occurrence at that time. Since we were not able to examine the Granfors showing, we decided to investigate several gossan zones, 2 miles south of the Granfors showing. The largest of these gossan areas was approximately 100' wide and 300' Gossan was found to result from disseminated pyrite in a locally sheared-bleached and silicified rock of indeterminate composition. Only a few grains of chalcopyrite were seen. The total of 6 similar zones was examined and all of the gossan in these zones was found to result from oxidation of pyrite.

AUG 1 4 1963

## KERR-ADDISON GOLD MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

W.S.R K.C.G. G.H.M. W.M. SIROLA. P.M. KAVANAGH R.D.S. .....From..... P.M.K. Subject Granfors Property - Pitt Lake, B.C. (92 - G) August 13th, 1963. Date. Date 9.00 HAP. 1.B.S. G.P.R. E.L.D. E.C.J. 0.V.B.

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To	From
Subject	Date

contd...

- 2 -

Just prior to leaving the area, Mr. Kyotik stated that he intended to visit what he thought was a molybdenite occurrance, I mile north of the north end of Pitt Lake. We flew over this area and could see what might be molybdenite stain, but were unable to land at that location. Kyotik intends to bring out samples from this occurrance when he revisits the Granfors property.

## Conclusions,

Unless more substantial evidence is brought to light than we have hereto for received, we do not recommend any further study of this situation.

William M. Sirola.

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K.C.G. GHM RAS F C.S. P.M.M. p 1/ 101 To P. M. KAVANAGH From W. M. SIRQLA H.A.P. J.B.S. Subject GOLD IN GRANDDIORITE Date June 5th, 19631 GPR E.E.D.

Mr. V. J. Granfors of 5903 Greenwood Avenue, Seattle 3, Washington brought in some specimens taken from a ridge on the northeast side of Pitt Lake which supposedly assayed 0.32 ozs., or \$11.20 in gold.

run, all of which came out about the same.

(92-H)

The rock-type is a fine grained diorite containing occasional blebs of disseminated chalcopyrite. It seems most unlikely that this rock-type would carry the gold values indicated and salting is suspected.

The assay was done by the Mariposa Spectrographic Lab. in California and Granfors says they have had four samples

Granfors said that his people were staking about 40 claims and that he expected them to be out of the bush this week. They are going to bring more samples which Granfors will bring to this office.

William M. Sirola.

Pit Lake, B.C