

File 106 B

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R. W. Baker Bounded Plume Lake.

Aug 19 1952

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✓	J.I.	✓
✓	G.C.A.	✓
✓	G.E.	✓
✓	C.L.C.	✓
	M.I.F.	
	R.D.S.	

August 19, 1952.

Mr. R. W. Baker,
General Delivery,
Mayo,
Yukon Territory.

Dear Ron:

I have your report, dated August 8th, wherein you report on your work in the Bonnet Flume section.

I note that you were planning a trip to investigate a galena showing owned by L. Brown, from which you have probably returned. Your observations there might give you some guidance as to what weight you can attach to Brown's reported find of hematite. We are not disposed to give any interest for an indication of iron and, as apparently Brown has not seen fit to stake the showing, it cannot be very promising. As an iron deposit would have to be of very large magnitude, what Brown has to offer is probably little more than geological guidance.

I would suggest to Brown that he go with you and stake his showing. If it is any good, you can stake ground, also, and we can then deal with Brown if the showing is of importance.

Inasmuch as you did not reach the location of the supposed copper find in the McArthur range, I believe you should settle this matter with another trip. However, be sure and allow time to thoroughly investigate the matter. After you complete this trip, you will probably have to hustle to join forces with Wheeler once more.

With kindest regards and wishing you luck,

Yours very truly,

PROSPECTORS AIRWAYS COMPANY, LIMITED

Charles L. Coleman,
Managing Director.

C.L.C:NG

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Prospectors Airways Co. Ltd.,

General Delivery, Mayo Y.T.,

August 8, 1952.

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Prospectors Airways Co. Ltd.,

1616, 44 King St., West,

Toronto, Ont..

Dear Sirs:

A		N
	A.D.	
	J.I.	
	G.C.A.	
	G.E.	
	C.L.C.	
	M.H.F.	
	R.D.S.	



Field work in the Bonnet Plume Lake section has just been completed. This work, in conjunction with that of J.O.Wheeler of the Dominion Geological Survey, shows that the ferruginous shales found northwest and west of Bonnet Plume are also found at this point. Since finding the impure iron oxide in place on Iron Creek near Pinguicula Lake there has been no further discoveries.

Within the stratified sediments there are dark, purplish-red bands which taper out and pick up again along strike, and which resemble very much an iron oxide when viewed from the air. In contrast to the ferruginous shales which show a brownish-weathered surface, the purplish bands are wholly altered. These latter bands have a jaspery appearance but specimens are cut quite easily with a knife. Why the purplish material is of this shade throughout, and the ferruginous shale altered only on surface is not apparent from field evidence. At the present time, both Wheeler and I are of the belief that reports of iron horizons in the Wernecke Mts. are based to some extent on the purplish-red laminations described above. However, I have talked recently with Louie Brown of Mayo, who is both a pack-train operator and prospector, and he says that he has ^{seen} hematite in place during the course of his packtrain activities to the northeast. His findings seem to be off the track of that which Wheeler and I have seen to date. Would you please advise on what basis I might approach Brown with a view to examining his exposures.

Wheeler is now working south from Misty Lake toward the Rogue River. His immediate objective is to establish some granitic intrusives which have been tentatively identified from the air by Dr. Bostock. Wheeler plans to come out at Pelly Crossing, where the Mayo - Whitehorse road cuts the Pelly River, not later than Sept. 17th.

The basic sill, reported to be in the vicinity of Bonnet Plume Lake, and also the laccolithic forms reported on page 58 of "Physiography of the Canadian Cordillera" appear to be unstratified quartzites which weather a dark grey colour. Weathering leaves spire-like columns of the sediment suggestive of columnar jointing. The sections of the Wernecke Mts. covered to date by Wheeler and myself are remarkably free of igneous intrusions except for the two diorite dikes seen in proximity to Pinguicula Lake. It is possible that these mountains represent the missing link between the end of the Precambrian and the start of the Paleozoic, which shows as an unconformity in other parts of the Shield where the Paleozoic shingles on to the Precambrian.

Louie Brown has shown me some interesting specimens of argentiferous galena which he and a syndicate are prospecting about 20 miles northeast of Keno City. The specimens include some massive galena, some "ribbon galena" and some malachite stain which may be derived from freibergite. Two men are currently working the ground with a view to opening up existing exposures. The showing is in the McKay Hill - Beaver River country. I propose going in there during the coming week to examine the showing. It will necessitate a two-day pack in and two days out, making it about a five-day trip. Brown also says that he has recognized cassiterite in the vein material, but his specimens on hand in Mayo do not show this.

Subsequent to the above trip I believe that a trip to the copper showing in the McArthur Range would be warranted. I also plan on liasing with Wheeler at about the time that he reaches Fairweather Lake. He is following this course as he wants to look at a creek which is reported to contain coarse gold east of the lake (about four days pack-train time). It is possibly Cache Creek but he did not care to enlarge upon the location

other than the four days packtrain time.

Andre Baranowski, who has been assisting me in the field, is going to Whitehorse to-morrow, August 9th., to assist Ted Chisholm on some ground that the company holds in that area. Baranowski is a Haileybury School of Mines graduate, and as Ted requested some technical assistance in that area for the balance of the season, I plan on hiring prospector help as required for work in this section, and sending Baranowski to Ted's assistance.

Yours very truly,



R.W. Baker