

Pelly R Reports

019319



Whitehorse, Y.T.
July 6, 1956

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	W.S.C.	✓
	G.C.A.	
	G.E.	
✓	E.O.C.	✓
	R.D.S.	
	J.I.K.	
	E.L.D.	
	R.W.B.	✓

Mr. E.O.Chisholm
Prospectors Airways Company Ltd.
1616-44 King St., West
Toronto, Ont.

Dear Ted:

I have just received your letter confirming the 3000 feet contract with Boyles.

We have some news here that may change the picture although at this late date perhaps nothing will be done until next year. I have already sent in the gravity profiles to the managing director with a rather hasty note explaining the significance and the drilling procedure that I would like to follow. Now with a limited footage to spend I feel certain that it will be used to best advantage elsewhere than on the Firth anomaly. Crone will very shortly be able to supply you with an excess mass calculation and since we know there is sulphides in this anomaly there seem to little good reason for any further drilling atn this time. We can later estimate the footage needed to drill off this showing.

We have now a pack-sack drill on the anomaly on sheet 10 and I expect to have word in by to-night just what bed-rock conditions are really like. Don found a suitable place to drill near an outcrop so the overburden will not be a problem. You will remember that the anomaly here was impressive and the thing could well be a,zone of major importance.

The new condition revolves around the gravity anomaly which shows up on the Champ-claims under the area of geo-chemical anomaly and probably extending from magnetic anomaly 72 to anomaly 73. These profiles have been sent to the managing director yesterday.

We feel that this anomaly might be the extension of the Main Zone abd offers the best chance of adding appreciably to the ore reserves.

I will therefore use the necessary footage to get three holes on this anoamly to prove the existente of sulphides and to get an attitude on the ore-body. You note a very optimistic attitude on my part and I believe this is justified. Of course I am prepared to change the plans should sulphides fail to appear.

We will accommodate the drillers in camp and should be able to make a start during the following week.

As I understand gravimetric work we need only the densities of the rocks and the finished residual gravity map for excess mass calculations. I believe the data on the densities for the different rock types are already in Crone's hands, these part-~~icular~~ sulphides may not be identical but we can measure up from the pack-sack core. Drilling for gravity data then should not be required of the AX drill.

The program to be followed will be:

- (1) hole or holes on Champ anomaly
 - (2) hole or holes on Sheet 10 anomaly
- and if necessary
- (3) holes on Firth anomaly.

We can easily use all the allotted footage to good advantage. All holes will be based on a grid system so that they will fit the expected larger lay-out for tonnage and grade calculations.

HAK CLAIMS

Eight claims will be held as instructed. Hak 7 to 14 seem as good as any. I will try to grab that fraction that exists between Judy 1 and 3.

QUILL CREEK

Don Doal will take his crew and get a hole or two down on the magnetic and EM anomaly around line 40. We cannot however expect too much success since the magnetic anomaly is very weak here and if it means anything the peridotite must be fairly deeply buried. Also the peridotite is pretty hard to drill at least be analogy with the conditions that Teck found. The stuff mudded-up and recovery was very poor. Don thinks he might be able to push a hole to 90 feet.

POGGENBURG

I have heard nothing yet from Poggenburg but he should be back from the bush shortly.

KULAN-PROSPECTING

Al reports he has not found anything to get excited about so far. He has another cemented overburden type near a limestone-syenite contact. Novak is checking some soil samples from the occurrence for heavy metals. I do not have the results yet.

Best regards,

Stan.

