

New for

JAKE
008936

Extract from letter written August 16, 1956 by Stan Leaming to Prospectors Airways Co. Ltd.

J 3/33

KULAN PROSPECTING

Kulan reports some interesting float from the old Rust claims about 14 miles northwest of Vangorda. He has submitted a geochemical map, a copy of which has been sent to head office. There is some question that one occurrence is bedrock. He has staked 20 claims in this area. We will investigate.

~~1/3/11~~

Y 2/14 A

A		N
	C.L.C.	
	G.C.A.	
	G.E.	
	E.O.C.	
	R.S.	
	J.L.K.	
	E.L.B.	

August 28th, 1956.

Mr. Stanley Leaming,
Prospectors Airways Company Limited,
Box 969,
Whitehorse, Y.T.

Dear Stan:

In regard to our telephone conversation of this date, the following letter will confirm the points discussed. It is understood that you are to make an examination of the Marquis ground in British Columbia, as well as other examinations you have in mind, in about one weeks time, and that you will be away from the Whitehorse office for two to three weeks. On return to Whitehorse you will finish up the balance of the field season and be on hand for any last minute business that develops. Thompson will be in Whitehorse during your absence, and Doal will be in charge at the property.

Hargraves and Novak are to check the surveys in the central section of the property and make sure that instrumental errors are not the cause of the unexplained anomalies.

It is also understood that 16 claims will be staked in the vicinity of the Jake showing, to protect the geochemical anomalies obtained in this area. It would appear from the geochemical maps supplied by Paxton, that the anomalies obtained in this area have some significance. In the past we have investigated some of these large gossion zones by geochemical methods and have not obtained any geochemical results over them. In the case of Vangorda Creek, such anomalies were certainly significant, as the drilling has proved. The safe course would be to record the claims, as agreed, until further work is done next year. Paxton would be the best man to do this work, as he knows the exact location.

I have discussed the matter of gravity calculations with Roger Pemberton of Radar Explorations, and he admits that the routine of gravity calculations on top of a full days field work is often quite tedious. He suggested, as I have suggested, that the data be sent to the head office, and that they process the calculations. This would relieve the field man of a lot of detailed work and might be more efficient from our point of view. If Crone has the calculations then he could keep us advised on the progress of the work. Regarding Hargraves work itself, he thought that Hargraves is a very detailed and meticulous operator,

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but was inclined to be a little immune to suggestions. That would seem to be our experience. He also said he had a little difficulty in getting along with his crews. This does not seem to have seriously affected the work and as you point out the progress has been good and the programme planned in the spring will be completed by the end of the season. As you note, the gravity survey has proved to be a very good guide for the drilling to date, despite the unexplained anomalies in the central section, and this is the main point.

I am glad to hear that the recording of assessment work is proceeding satisfactorily under the new arrangement. The extended lines of communication under the past system created a great deal of misunderstanding between here and the recording office. I note that you are sending a summary of this work in the near future.

If you get an opportunity to sell the Warsop Machine on our establishment there, please do so. I see no need for keeping two machines like this, now that we have the Pack-Sack Drill.

Kindest regards for now,

Yours very truly,

EOC/ss

E.O. Chisholm,
Chief Geologist.

August 28/56.

~~H 31~~
MEMO: To W. S. Row

Y 10/14
Regarding Phone Conversation with S. Leaming, Whitehorse
of this date

Leaming advises that the drill crew is now on its way to the Firth Anomalies to continue drilling in that area. Hole 167 in the central area was a blank. He said the gravity work was proceeding satisfactorily, but that no anomalies comparable in size to the main ore body had been turned up.

In discussing the cause of the blank holes in the central sector, he did not think it was possible that these were caused by instrumental or survey errors. However, due to their importance in the main picture, he promised to have the survey crew and the geophysical crew re-check all calculations in this area.

Boyle Brothers advised me that they saw no reason why the drill now at the property could not be left in another year. They will wire in the near future if it is expedient to take it out right away. I advised Leaming of this and told him to also leave the boat in for another winter, so that we would have it on hand when it became necessary to take the drill out.

Regarding the Jake Claims, I advised him to protect this area by staking an additional 12 claims above the 4 already staked and record them before leaving the area. The geochemical survey done by Paxton indicates there may be concentrations of base metals in the area. The claims should be investigated more carefully during next season's work. The Rust Claims have been recorded.

Thompson will make a preliminary survey of the Hobo Creek claims to determine their exact location in case a future deal is discussed with Heustis.

Leaming stated that some sort of a base metal rush was developing in the Watson Lake area, by the same prospectors that were responsible for the chrome rush last fall. He said that they were going to several of the bigger companies and trying to start a bidding match on ground held by them in the area. I advised him that we would not get involved in a bidding match with Newmont, Conwest, or Kenco, but if there is any bases for springing a

deal with them we might be interested. Thompson will examine the ground shortly.

I advised Leaming to make the Marquis examination in central B.C. as soon as possible, and to combine it with another examination that he has in mind in southern B.C. He thinks the work at Vangorda is well in hand and that Doal is capable of carrying on for the balance of the season. On his return from British Columbia, he will wind up the Yukon work, and be on hand for any last of the season rushes. He expects to be away for two to three weeks.

The recording of work in the Yukon under the new setup is proceeding satisfactorily and he thinks that under the new arrangement much better progress is being made with the mining recorder.

EOC/ss

E.O. Chisholm

Jacks
(when processed) *Y 4/11*

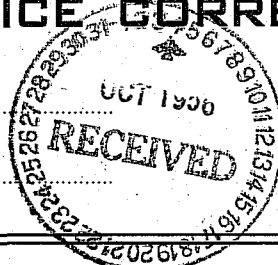
INTER-OFFICE CORRESPONDENCE

FROM ~~xxxxxx~~ **H. Jacka S. Leaming**

DATE **October 2, 1956**

TO **E. Jacka**

SUBJECT **Rust claims etc.**



MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

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Re: your telegram on old Rust claims and those staked fifty miles north of the Belly river, enclosed is all the pertinent data that we have here.

The former Rust claims are now covered by the Gal group. Copies of the geochemical maps of the discovery areas have been sent to Toronto previously.

The Gal claims have been processed by the Mining Recorder and records, receipts are enclosed.

The Jake claims are being processed and can be expected around the middle of the month. The group sketch is enclosed.

Stem

(TO BE COMPLETED IN DUPLICATE)

1000

TO

DATE

FROM

NO.

INTER-OFFICE CORRESPONDENCE

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44/19.

New File -

Jake Group

A	✓	W.S.R.	✓
		(C.C.)	
		(R.R.)	
		(E.C.)	
		(R.W.R.)	
		(J.P.R.)	
		(E.L.D.)	
		(L.A.)	

October 31st, 1956.

Mr. Ivor A. Mast,
Prospectors Airways Company Limited,
Box 969,
Whitehorse, Y. T.

Dear Ivor:

I am informed by Ed Sommer and Bruce Thompson, who are now in Toronto, that a geochemical map was completed by Paxton on the Jake group in the Tay River area. I have not seen this map and I am wondering if they left it behind in the Whitehorse office. If so, would you please forward it to me.

Thompson mentioned that Al Kulan was to prepare a map showing the areas covered by his prospecting in this seasons work, with a short report on the results. Since I hear it is his intention to form a syndicate next year with Gordon Dixon to prospect in the Pelly River section, it is important that we obtain from him, a map showing the area covered for us this summer. On his return to Whitehorse, would you please ask him to submit this report and map.

I would also be interested in hearing the details of Al's syndicate and what the terms of participation would be.

The good weather appears to be holding out down here, and we are in a rush to complete our survey work before freeze up.

Best regards,

EOC/ss

E. O. Chisholm.

INTER-OFFICE CORRESPONDENCE

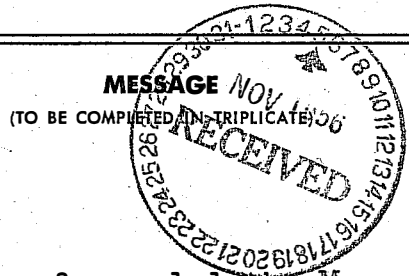
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	R.W.B.	
	J.I.K.	
	L.L.D.	
	E.G.A.	

FROM Whitehorse Office

DATE November 2nd 1956

TO E O Chisholm

SUBJECT General



1. I have forwarded the Mauser Rifle as requested, Bruce carried this rifle all summer and with it dispatched several bears at Little Salmon.

2. Enclosed are maps of Jake and Gal Groups. Re - Geo-chem Jake Group - Memo in the file would indicate that the original and copies were forwarded by Mr Leaming. I have indicated on maps whether copies remain at this office or not.

3. Enclosed also copies (originals) of drill holes which Mr leaming was working on during the summer that do not appear to be of any value here.

4. Enclosed a folder of elevations which would appear to have been left here in error, .

5. Kulan has just returned from Churchill, "Bleak place and windy", expects to put up a dairy there next spring. Haven't been able to see Nolan yet re your reply on horses, he is in town tho and leaving for a lecture tour next tuesday. McKinnon still in town as is Gordon Dickson. Weather has been down to 10 below but today a strong south wind and 16 above.

Regards,

Ivor

(TO BE COMPLETED IN TRIPLICATE)

gshk

TO: _____

FROM: _____

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INTER-OFFICE CORRESPONDENCE

FROM: Rod Magrae.....

DATE: May 1st, 1957.....

TO: Ivor West.....

SUBJECT: Various.....

Copy Alex Pearson, Toronto

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Ivor:

Covering our telephone conversation of last evening, I understand that snow conditions in the Vangorda ak area are four feet in the bush and two feet on the runway. I understand you estimate, the runway there would be serviceable til approx May 21st. I understand you now have a two-man crew on Vangorda moving equipment down to the Pelly and that they will be on this job until approx the twenty-fourth of this month.

I gather from your April 25th letter that the last date we can expect to get prospecting and developing crews into the bush before ice goes in the lakes is approx May twenty-first.

Spoke to Ted regarding moving the crews in before ice goes out and he said that PA had not done this before and that the snow conditions in the bush should determine whether we move the crews in before the ice goes out. Will you therefore, get as much such information on snow levels as possible and keep me advised.

We did not discuss the condition of the Canal road. When do you figure we can move the cat and truck over this road with the Boyles equipment?

Regarding Dube; since I have offered him a job, give him five days from yesterday to answer your letter and if he does not show, let me know.

The development crew for the work on the "al and the "ake groups plus any other work as a result of finds this summer is now complete, except for the cook, who will, I understand be secured by you. They are as follows:

- Slis Papesik, geo-chemist, and Party-chief
- Doug Lockie, geologist
- Penakis & Bridgeman, Mag and EM team
- Lorne Collinson, pack-sack driller.
- Cook, to be secured Whitehorse

(Note: Charest, who could be available, who is in Toronto or vicinity will not now be required, Alex)

For Prospecting, the two teams will be headed by Willison for the Pelly area and Lofty Aird for the Cassiar "in area. Ted tells me Conest have a second asbestos find of possibly better grade in this area. Locally, I find that asbestos corp will have two helicopters working in the Dawson area regarding the Bohaschiltened "asbestos white Pass. If the rent is in the vicinity of \$ 50.00 per month as you estimate, pick it up, if possible for the season with provision for storage space fro next winter. If it is considerably higher than that figure use your own discretion

INTER-OFFICE CORRESPONDENCE

INTER-OFFICE CORRESPONDENCE

FROM

DATE

TO

SUBJECT

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MESSAGE

(TO BE COMPLETED IN TRIPPLICATE)

I understand tenting for the crews is not inservicable condition. Jones Tent & Awning have good stocks here, I find. Let me know what you figure will be required, bearing in mind that the prospecting teams will be back-packing, for at least part of the season, whereas the six man combat team will be more stationary. Personally, I think a 7X9 28-0 inch wall silk tent for each of the prospecting teams will be sufficient (complete with oversize silk fly, and three 9 X 12 X 3' -0 in walls complete with fly) will be ok for the development team.

Let me know what you think.

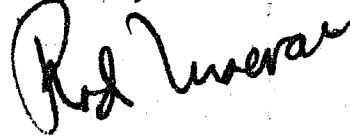
Attached is a memo re Dawson. He was due here last wed) week ago; Moranda say he hasn' shown. I f he shows up in the next few days will probably examine his Pemberton B.C. copper claims

I understand you will make arrangements for a pack traip out of Ross post, to supply the two groups working east of the elly. Make some inquiries re a small aircraft that I understand may be based at Ross River post for servicing the GSC party that will be working in the area. Last Mary Wheeler told me it might be arranged, leased to the GSC and might be available for supply trips for us.

Figure on me a t White horse by the fifteenth, the crews to follow within the next six days.

Encl; Memo and map.

Regards,



(TO BE COMPLETED IN TRIPPLICATE)

copy

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INTER-OFFICE CORRESPONDENCE

Another lot of time occurred w^h an earphone plug was caught in branches and lost. I made a replacement plug which ~~we~~ held till the end of the survey. Ironically enough the present situation is that Loor sent us in a new plug, but now we need the earphones, which were lost on the last line in Vangorda. The only way, I suppose, ~~for~~ to prevent ~~losing~~ earphones & plug would be to tie them around the head, which I intend to do on the Jake survey. There however the conditions are more similar to those in which the instrument was originally intended to operate.

Distortion of connecting wires introduces naturally a different resistance in the operating circuit and consequently we had a frequent need for recalibration. The main calibration system on the transmitter loops could certainly be improved, made accessible at least.

Apart from these weak points the Rowke loop is a very good instrument, in my opinion. Lines were run over the known Vangorda sulphides and the results were satisfactory.

On the N-E group, nothing of a special importance was detected. On the map I outlined these suspicious areas; none of these anomalies however do necessarily even indicate the presence of sulphides. In that respect, ~~some~~ ^{some} of the E.M. profiles from the Cal group showed a more sulphide characterizing shape.

Presently at the Jake group the mag work is nearly half done. A large magnetic anomaly appears to be located all along the southern half of the

property and from geochemical results
in the other half of the property, more high-reading
zones can be expected. On this however more detail
will be given in the Jake report.

Respectfully yours,

Geunty

INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae

AUG 1957

DATE Aug 26th, 1957

TO Ted Chisholm

RECEIVED

SUBJECT Report week ending Aug 24th

MESSAGE

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	J.K.	
<input checked="" type="checkbox"/>	E.C.J.	

Jake group developments

Visited the Jake last weekend and made a short three hour trip over the more important claims. The following is the essential parts of Slim Papeziks current report for the period Aug 10th to 24th, quote:

Line cutting: All line cutting finished Aug 16th.

Geology: Geological mapping is now almost finished. Black and white chert, interbedded with some chert conglomerate and siltstone underlies most of the property. A prominent bed of black shale with some pyrite and pyrrhotite was found in the southern part of the claims. Except for a small outcrop of a quartz-feldspar porphyry, no intrusive rocks were seen on the property.

Geo-chemistry: The geo-chemical survey was completed during the period. Two broad anomalies were found. One spreads out from the general area of the rusty conglomerate on Jake no 4 with some scattered highs on the slope above this out-crop. The second anomaly, even larger in extent lies on the Jake 11, 12, 13, and 14 (M.C.'s), spreading from the foot of the chert cliffs to Teddy Creek. The source of the metal content there has not yet been found.

*for what metals?
E.C.C.*

Magnetometer survey. The crew started work on Aug 17th. Jake 1-8 claims have been covered to date. One prominent magnetic high was found in this area: it is about 3500 feet long and 500 feet wide, trending 145 degrees and extending from Jake 1 through Jake 3 to Jake 6 M.C. This anomaly coincides with the bed of black shale mentioned above. The rock in itself is not magnetic and the content of pyrrhotite seen in outcrops is too low to explain the anomaly. It is possible that larger concentrations of Pyrrhotite with some base metal sulphides (causing the chemical anomaly) lie below the surface. A sample of the black shale will be sent for assay on the chance - admittedly small- that we may be dealing with a sedimentary copper deposit.

Drilling: Hole J-1 was collared in the rusty conglomerate on Jake No 4 M.C. to explore the bedrock under the gossan. The conglomerate was found to be no more than 8 to 10 ft thick, overlying unconsolidated gravel. The bedrock is barren fractured chert.

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(TO BE COMPLETED IN TRIPLICATE)

(barren fractured chert). Lack of water on the steep slope in this area prevented us from drilling above the conglomerate. Hole J-2 is planned to explore the black shale underlying the magnetic high on Lake No 1 M.C.

Unquóbe.

We figure the Mag svy will be finished by the 30th Aug and the Ronka svy should take a stretch of ten days, if there is no down time or delays. The rusty conglomerate from examination and drilling appears to be a relatively flatly-lying bed some ten feet thick and 450 feet long. It is a loose aggregate of boulders up to fist size and the matrix bond, on surface, is rather loose. It will be interesting to see what the results are with the E. M. survey equipment.

Pelly Prospecting: Ther was one of the usual foul-ups on moving Kenny last weekend and he wasn't moved until I went out on the 24th. However, he was able to do some more work adjacent to the river and we flew the hills north and south of the west end of Earn Lake where he will be prospecting for the next two weeks. I can see that his time on the area north of Blind Creek is going to be limited, and am considering moving Aird and partner in to do one half or one side of the Pelly while Kenny does the other. Aird should be out at Dawson by next weekend, the 31st, and always supposing he has not made a major find, I could move him in to Blind Creekearly the following week. We can get another boat at Ross post, Issac Dickson's and we, of course have the two motors. We can re-arrange their prospector's interests so that they each share in each others finds. Let me know if you can see anything wrong with this idea.

*Okay
Bob*

General: Radios are all on the U/S list this past two weeks. except the AD 10. The AB-2 is a good receiver but has not sufficient power to reach (transmitting) Whse.. The Marconi is in Whse and I haven't checked on it yet since I do not think we will need it this season. Topo Branch, Ottawa, fwded the Larsen Sheet. 4 miles. We have reviewed a number of late-season prospecting ventures, advanced by independent types here: so far none have appeared attractive enough to jump for the cost. Do you plan to have anyone from Toronto at the Commonwealth Geological Congress in Vancouver in

Ans?

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SUBJECT.....

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

mid-September?. Some one hundred and seventy-five are making the air-trip north. Papezik will be ex- t e job Sept 2nd, enroute to Montreal to Magill Univ. Cragie Hood has gone to Cassiar Asbestos to work on the plant. This is supposedly a permanent job. The iron deal with the Japs has, apparently faded out as he has not heard from their west-coast representetives for some time. Conwest are prospecting on the Haines cutoff. Enclosed is a copy of a letter to George R. re ~~xxx~~ his Pan group of 32 claims on the Anuk River. Also enclosed are some sample tag nos. for samples now out for assay.

Encl:

 Regards,
Roderick Macrae

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INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae

DATE Aug 23rd, 1957

TO E.O. Chisholm

SUBJECT Report weekending Aug. 17th



(TO BE COMPLETED IN TRIPLICATE)

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General:

Returned from week-field trip examining mineral prospects at Mayo and Dawson. R₂-examined the Stretchuck and Nord claims and Jack Hawthorne's showings all on Galena Hill. Sampled new showing on Fisher's two claim group, also on Galena Hill. Forwarding claim map. recently compiled of the surveyed and unsurveyed claims on Galena and Keno Hill. Outlined are the claim groups on which examinations have been made. Continental Mining are reported to have made a lead silver find in the vicinity of Mayo Lake. Aho of B.Y.X. has been systematically arranging deal on groups of claims in the Mayo area and then advising the owners they are not interested. I understand his backers will not put up the down payment on the claims. Paul Kavanagh is leaving Asbestos Corp to work for Yukon Gold Corp. Newmont have drilled at least four holes on their Wasson Lake prospect. Assay results do not compare with surface copper values. Can Ex (a subsidiary of Canadian Explorations of San Francisco) have optioned the Maynard Fuhr ground adjoining the Caley No 2 asbestos showing, now under development by Conwest. This is a good prospecting bet, not a red-hot prospect since there are no showings so far uncovered. Conwest have completed the road in to Clinton Ck. Can Ex are moving a dozer in over this road to strip their claims. One of Brynelsen's agents, Harold Harrison has been in several times with information on claims. He has been advised by Brynelsen to bring all his information to this office, keeping Brynelsen advised. So far he has not brought information we did not already have and I have turned down his request for a separate deal, figuring that he is already getting some form of retainer from the Noranda west coast office. Attached is a TDM bulletin with a request to Ted Jacka to secure some prospecting procedure information.

Dawson Area prospecting:

This team are out in the Tombstone Mtn area, returning Dawson the end of this month. No contact except they have been seen once from the air. The new Klondike Topo. sheet 8 miles scale is available locally. Ottawa advised the Dawson recorder the four mile sheets are not printed. This refers to the wire request to Jacka for maps some three weeks ago.

Pelly Prospecting.

Willison has completed work in the immediate vicinity of Pelly Ck and on the southeast area adjacent to Mt Hodder. He has found some pyrrhotite that carries low copper values, 3 to 4 ft widths and associated with some secondary zinc. Samples are out for assay. Ken moves tomorrow to Earn Lake and will prospect his way back to

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SUBJECT.....

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MESSAGE

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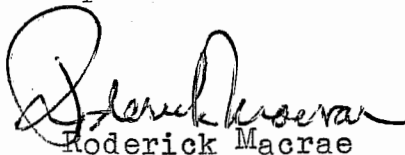
Pelly vai ^{the}enzies Creek.

Jake Development:

Slim reports line cutting completed and savages returned to their camp at Blind reek. Gee-chemical svy 90% complete and found a second anomoly on Jake 12. In svying the claims he found a panel fraction between Jake 1-8 and Jake 9-16 considered as groups. He is staking three fractions between the two groups Slim expects to finish all survey work by the end of the month altho the drilling may not be finished.

General:

Canalask are drilling from surface on their White River property. The Wood chuck is still enroute up the Yukon



Roderick Macrae

Encl : C1.Map
TDM Bull.

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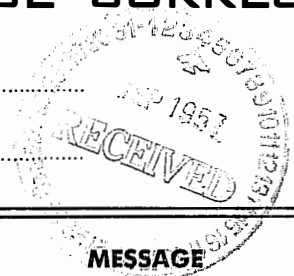
INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae

DATE Sept 2nd, 1957

TO Ted Chisholm

SUBJECT Report week ending Aug 31st



MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

A		N
✓ W.S.R.		✓
	R.I.E.	
✓ E.C.C.		✓
✓ H.A.P.		✓
✓ R.D.S.		✓
	E.C.B.	
	G.P.R.	
	E.L.D.	
	A.M.	
✓ E.C.J.		

Vangorda Recce.

A panel approx two miles long and a mile wide, generally bordering the Mye Granite stock, N.E. of Vangorda Mine **claims** has been surveyed with the Ronka Loop at line-centres of 1600 ft and 400 ft centres where cross-overs occurred. Ten miles line were surveyed. It is apparent from a discussion of the job with the E.M. crew that it is impractical to complete the balance of the survey, some 20 miles without line cutting. The map showing the readings obtained was forwarded to Toronto office this week.

Jake development.

Slim Papezik's interim report on the progress of work on the Jake was taped and mailed this weekend. To date the claim survey, geological survey, and geo-chem svy are completed and mapped. The Mag survey is completed less mapping. The E.M. survey is not started. Geo-chemical survey shows two moderately high geochemical anomolies, without peaks and considerable erratic highs and lows within the anomaly areas. The magnetometer survey shows one 3500 ft length anomaly with two peaks generally four times the average background reading. The mag anomaly coincides with an outline of a bed of siltstone and shale which, on surface is unmineralized. The rusty conglomerate has been established to be at least 450 feet long, striking approx e-w and flatdipping to the north. Drilling indicates it has a thickness on one place of approx 10 feet. It is limonitic, and contains some pyrite. Drilling of the siltstone shale bed has shown that the topor surface part is unmineralized except for minor pyrite and some pyrrhotite. Assaying of one sample from this bed gave nil zinc, 0.01 Cu. the second drill hole located on the magnetic high had reached 87 feet at the weekend and indicated the conc. of pyrrhotite, tho minor was stronger at depth. Papezik was ex-the Jake job on Aug 31st, left Whitehorse Sept 2nd.

Dawson prospecting:

No developments. The crew will be returned Dawson first week Sept.

Pelly prospecting: The crew are away from their radi until Sept 6th, in the East Lake area.

INTER-OFFICE CORRESPONDENCE

FROM.....

DATE.....

TO.....

SUBJECT.....

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

General:

We assayed a sample of rock from Louis Lebman of Smith River, B.C, Mile 516 Alaska highway. It ran 1.56 Cu and 0.24 oz Ag. Have asked for further d tails on this showing. There were two copper minerals in the samples. The showing is six miles from the D.O.T. Range station. A Mr Wilson, originally from the Kenora Newlund area brought the sample to Whse.

Moneta Porcupine- Canadian Explorers are reported to be planning drilling the Nakina nickel showing this fall.

There is an unconfirmed rumor here that Asbestos Corp have purchased stock, and possibly control of Cassiar Asbestos Corp.

The grubstake deal arranged for Noranda, westcoast operation, here in the Yukon, failed to develop. The owner of the information failed to get to gether with the Noranda scout and is staking the property and will bring samples in.

Newmont ~~is~~ a prospector working on Russell Ck north of the Mac Millan River. There are one or two galena showings in that area.

*Northern
mines
Sept 5/57
page 16
H.P.*

Equipment: Shipped one AB-2 2 watt radio to Rainboth airex. today. The 25 HP Evenrude is in shop for estimate on repairing main bearings. The Woodchuck arrived Whse. Roderick Macrae

Red

*This radio has a range of only 60 miles. Not good enough for Quay Lake which is 115 miles from Cache Lake. Also requires 80 lbs of batteries.
H.P.*

*✓ okay for out station at
Quay Lake*

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Transcription of tape from Rod Macrae to E.O. Chisholm

September 11, 1957

DATED SEP 17/57

✓	U.S.R.
✓	R.I.B.
✓	E.C.C.
✓	H.A.P.
✓	R.D.S.
✓	E.C.C.
✓	S.P.R.
✓	E.L.D.
✓	J.K.
✓	E.C.C.

THE JAKE GROUP DEVELOPMENT

Work Completed. Claim surveys plus staking of three fractions, geological mapping, geochemical mapping, mag survey, EM survey 90% complete. Final geological and geochemical and magnetometer map completed. Claims have been prospected in detail, two drill holes have been completed; the first hole drilled to 18 ft. failed to reach bedrock. The second hole drilled to 86.5 ft. and the third drill hole which has been collared when the machine broke down, due to a broken transmission, completes the work to date.

The results of the development work. Slim Papazik described the results of the geological and geochemical mapping and the magnetometer surveying. Geochemical mapping indicated two major geochemical anomalies having a point source of sulphide ions. To date, no outcrop has been found to indicate the source of the sulphides. The mapping with the magnetometer indicated one 3500 ft. length anomaly striking approximately ~~one~~ 65 degree azimuth underlying Jake 1 mineral claim, Jake 6 mineral claim, and crossing Jake 3 and Jake 4 mineral claims. This anomaly intersects the center line staking of Jake 3 and 4 at 200' north west of their number 2 posts. A second small (450' diameter) anomaly underlies Jake #7 mineral claim in south east corner. A third anomaly having a length of 1500 ft. underlies Jake #11 and 12 mineral claims striking approximately 25 degrees azimuth.

EM Survey. A survey has been completed over the location of the magnetometer anomalies and generally does not indicate a conductive mass except on the location of the small anomaly (magnetometer) in the south west corner of Jake #7 mineral claim. Over the large anomaly which was 3500 ft. in length, all in ^{phase} ~~place~~ readings are positive except on line zero - 1150 ft. north of the base line - which is the center line of staking of Jake 1 - 8 mineral claims. On this line the mag survey indicated highest gamma reading 600 ft. north of the base line, however the EM inphase-outphase cross-over (at 1150 ft. north on line zero) occurs at the dividing line between two magnetic ~~for~~ depressions which plot as follows. One on line zero at ? line, the second on line 4 east

at 900 ft. north of the base line. Generally, the balance of the survey over this large anomaly produced a symmetrical inphase-outphase readings that are undecypherable.

Over the mag anomaly on line 40 east which is on Jake 7, a regular dip of the inphase and a slight dip of the outphase reading occurs over the magnetic high.

EM survey over the north/south anomaly referred to above on Jake 11 and 12 did not show a conductive zone underlying it.

Further work with the Ronka Loop is being done on Jake 7 and the ground between the small and long magnetic anomalies, that is between cut lines 40 east and at 24 east.

Drilling. The first hole was attempted in the limonitic agglomerate and penetrated through the iron oxide bed into 18 ft. of unconsolidated gravel. The second hole at 700 ft. north on line 4 west was drilled from a bedrock set-up some 9 ft. below surface and core was recovered for 87.5 ft. The core recovery was good and showed siltstone and limy siltstone with very minor pyrite and even less pyrrhotite over the full length. Attached to this report is Doug Lockie's log of this drill hole.

The third drill hole has not been completed. Four additional holes on a line between 500 ft. north zero line and 900 ft. north on 4 west line have been planned to attempt to intersect the peak of the magnetic anomaly in this area.

At several other places on the claim pits for drill setups have been dug, but have not reached bedrock.

A series of minor breakdowns on the EM EQUIPMENT have delayed the work. These are the result of poor design and will be described at a later date.

Communication. Radio signals have been poor. One contact made with Whitehorse this week. Faulty repair work on the 25 watt set on loan from PWA has rendered this set unserviceable. Weather: rainy, alternating with sunny days, cold at night, estimate 40° minimum to 60° maximum.

INTER-OFFICE CORRESPONDENCE

FROM E. O. Chisholm, Chief Geologist

DATE Sept. 20th, 1957

TO Roderick Macrae

SUBJECT

A	✓
ASST. DIR.	✓
CHIEF	✓
CLERK	✓
LAB.	✓
RECORDS	✓
TRAINING	✓
INSPECTION	✓
PROPERTY	✓
GENERAL	✓
SECRETARY	✓
MAIL ROOM	✓
STENOGRAPHER	✓
RECEPTIONIST	✓
WATCHMAN	✓

WSP

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Dear Rod:

In answer to your tape report on the Jake development, dated Sept. 11th, 1957, a copy of which is enclosed, I have not received the E & M map from you to date so cannot tie in the data mentioned in your letter. None of the maps supplied to date show the base and picket lines on them. I presume this will be forthcoming when I receive the E & M map. The results to date do not indicate anything of great importance. However, I will reserve opinion until the EM results are in. In view of the results obtained over the Vangorda deposit, I would like to see something a little more positive in the geophysical results over the Jake claims before committing ourselves to do any drilling, outside of the packsack drilling completed to date.

In answer to your transcribed weekly report dated Sept. 7th, 1957, to me, I note Aird and Graham have discovered two showings but assume that there were no claims staked on either as you do not mention it.

Under separate cover, I am sending prints of the final geological, geochemical and magnetometer survey of the Jake group. There are no picket lines shown on the survey maps, which may be required for assessment work purposes. In this regard, Ted Jacka has forwarded the necessary information for filing the assessment work on these claims. It would be advisable for Ivor to follow this up with a visit to Emory to see that everything is in order. It is understood that you will file the additional assessment work obtainable from the drilling as additional work at a later date. I note that Dickson and Rassikoff have staked a block of claims on Tutshi Lake. We examined a magnetite chalcopyrite molybdenum showing in a contact metamorphic skarn zone in this area two years ago. The report is probably on file at the Whitehorse Office. The property was owned by Eric Erickson. Hudson Bay were also active in this area at one time and drilled a geophysical anomaly.

Best regards,

EOC/ss

E. O. Chisholm.

INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae

DATE Sept. 20th, 1957

TO E.O. Chisholm

SUBJECT Jake Development



✓	V.S.P.
	D.I.E.
	H.A.P.
	E.O.D.
	G.P.R.
	E.L.D.
	F.I.S.
	E.C.I.


MESSAGE
(TO BE COMPLETED IN TRIPLICATE)

E.M. Survey:

Work on this survey has been stopped effective the 11th Sept. The operator, Penekis, is enroute Toronto, this weekend; there will be a delay of about two weeks in producing the final E.M. map due to the fact Panekis neglected to bring out from the property his work-sheet and note book. We will recover the necessary material and forward it direct to him at Toronto, and I have arranged that he will bring the completed map to you at the Toronto, office. Please forward a print to Whitehorse. 20,300 feet of survey on 16 lines was completed.

Drilling.

Five packsack holes have been drilled, the fifth, a vertical hole had reached 29 feet as of the 19th. A sketch attached relating the hole locations to the grid lines is attached. No 1A was drilled on the limonitic conglomerate and reached 18 feet and did not intersect bed rock. No 1 was drilled to 87 feet and the log was forwarded last week. This hole intersected bedded siltstone with some very minor pyrite and pyrrhotite mineralization. No 2 was drilled at the same location as No 1 for a distance of 46 feet. The hole "ran" and was stopped when the bit intersected clay and overburden. The core shows siltstone and cherty siltstone, practically no mineralization. No 3 hole was drilled for 35 feet and "ran" in the same manner as No 2. No 4 hole is drilled vertical and had reached 29 feet on the 19th. The programme of drilling is designed to trace the peak of the magnetic high between lines 4 West and Line 0-0. One more hole si planned to be drilled.


Roderick Macrae

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INTER-OFFICE CORRESPONDENCE

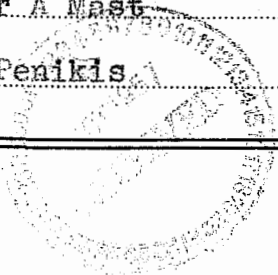
FROM Ivor A. Mast

DATE September 30th. 1957

TO G. Penikis

SUBJECT the Jake Group

A		N
	W.S.R.	
	W.B.	
	<input checked="" type="checkbox"/> E.O.C.	<input checked="" type="checkbox"/>
	H.A.P.	
	R.D.S.	
	B.C.B.	
	G.P.R.	
	E.L.D.	
	J.I.K.	
	<input checked="" type="checkbox"/> (E.C.)	



MESSAGE
(TO BE COMPLETED IN TRIPLICATE)

Dear Gunnar-

Enclosed is the Field Note Book which was left at the Jake when you came out.

Please see that the information is correlated and mapped as soon as possible and turned over to our head office.

Regards,

Ivor A. Mast,

Mr. E. C. Jacka.

The Filed Book, noted above was forwarded to 12 Cumberland Street, Toronto. Mr. Penikis said he would be attending school from this address and would be in a position to work on the map and get it to you promptly. You might jog his memory occasionally although I have no telephone number.

Recd
Reception
ELL

Letter sent
7/10/57
[Signature]

Regards,

[Signature]
Ivor A. Mast

A		N
✓	W.S.R.	
	R.I.B.	
✓	E.C.C.	✓
✓	H.A.S.	✓
✓	R.D.S.	✓
	B.C.B.	
	G.P.R.	
	E.L.D.	
	U.K.	
	<u>E.C.J.</u>	

October 8th, 1957.

Mr. Gunnars Penikis,
c/o 12 Cumberland Street,
Toronto, Ontario.

Dear Mr. Penikis:

Mr. Mast and Mr. Macrae have informed us that you will be forwarding the EM map of the Jake group of claims in the immediate future. We trust that you are now in receipt of the Field Note Book which was inadvertently left at the Jake when you came out.

Trusting that we will be hearing from you in the not too distant future, we are,

Yours very truly,

PROSPECTORS AIRWAYS COMPANY LIMITED



ECJ/ss

E. C. Jacka.

INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae
TO E.O. Chisholm

DATE Oct 10th, 1957
SUBJECT Report weekending
Oct 6th, 1957

MESSAGE

(TO BE COMPLETED IN TRIPLICATE)

Jake Group M.C.s-Tay River

The assasment work filed by Ted Jacka is being processed by the Mining Recorder here. Bill Emory has been ill with another heart-attack and the processing has been therefore delayed. We have recorded the three Bonanza fractions and will forward the recording certificates when they are received.

Kitty-Bigheart Co M.C.s-Smith River B.C.

The assays on the copper content of samples taken from this showing are low- less than 3/4 of 1% in the best. I re-examined some of the specimens I took from the showings, had them tested by Spalding, who reports presence of a nickel-bearing mineral. I am having some of the samples re-run.

General

Moneta Porcupine have suspended drilling on the Opal lake showing found by Sig Muldahl, last year. I understand the drill results are non-conclusive. Jim Donan, at UBC, who did the thin sections on some of the original samples tells me there are at least 1% nickel minerals identified in this prospect including copper-nickel combinations embedded in native copper.

Newmont's chief prospector has returned from the field. He worked the area north of the Mac Millan for a short period of six weeks and prospected around some granite plugs in this area. He says he found some scattered copper mineralization but nothing worth staking. Scotty Allen is doing assessment work on some of Newmont's claims in the Hess Ck basin.

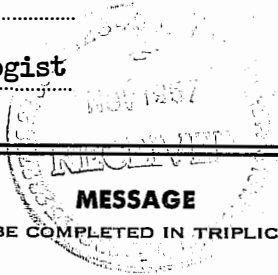
Canalask are still making preparations to sink a shaft from the development level on the White River. Makeno have suspended operations at Keno Hill. A prospector H.G. Mandell of Swift River has sent in some chalcopryrite samples to Williams in Vancouver for assay. The samples are highgrade copper, may contain some silver. We are sending an inquiry out to find if the prospect can be examined this season. Williams will forward assay results here

Regards,
Roderick Macrae

INTER-OFFICE CORRESPONDENCE

FROM Rod Macrae
TO E. O. Chisholm, Chief Geologist

DATE Oct 31st, 1957
SUBJECT General



A		N
<input checked="" type="checkbox"/>	W.S.R.	<input checked="" type="checkbox"/>
<input type="checkbox"/>	R.J.B.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<u>W.C.</u>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	H.A.P.	<input type="checkbox"/>
<input type="checkbox"/>	R.S.S.	<input checked="" type="checkbox"/>
<input type="checkbox"/>	B.C.B.	<input type="checkbox"/>
<input type="checkbox"/>	G.P.R.	<input type="checkbox"/>
<input type="checkbox"/>	E.L.D.	<input type="checkbox"/>
<input type="checkbox"/>	J.K.K.	<input type="checkbox"/>
<input checked="" type="checkbox"/>	E.C.J.	<input type="checkbox"/>

(TO BE COMPLETED IN TRIPLICATE)

Dear Ted:

Here are a few developments on various matters.

Kulan exploration plans:-

Kulan's proposal to do exploration work was completed yesterday, here. A copy went forward to you last night and I have a copy here. Al says he will talk over the proposal with Northwestern Exploration and Canadian Exploration, here, today; the two companies with western offices who have indicated their interest. The only area where Al plans to work that he has told me is the McArthur Range. He was at the University with me yesterday and had a talk with Bob Thompson, who mapped part of the area when he was working under Bostock in 42.

Jake Group samples.

I picked up the samples and thinsections that were completed by the University staff and will forward a couple of the pyrrhotite-sphalerite rich rocks to you air-parcel post over the weekend. Thompson confirms that the core samples he examined are calcite-rich quartzite, not a siltstone as labelled in the log by Papezik. (Hole J-2/BDM-A) In comparing the barren core samples with the rock that has the sulphides- the locations are about four hundred feet apart- Bob says that all the minerals that are in the core could have supplied the alteration products, the epidote, chlorite, therefore suggests there should be some intrusive nearby. Kulan thought he recalled seeing an outcrop of syenite in the same drainage system as the "gossan" and about an eighth of a mile up stream. I don't recall the geological map prepared by Papezik and Lockie showing any intrusive: in fact, the only rock other than sediments mentioned by Papezik is a biotite-quartz- plagioclase porphyry on Jake 3. This may be Kulan's syenite. I'll plot the location on the maps and send them to you as soon as I get them

Office space- Vancouver:

I can secure office space in the city for less than the figure I quoted you. At 402 west Bendar, I can secure a draughting room, and an ante-room complete with telephone, answering service, janitor service, power, for about an even \$ 100.00 per month. Can secure slightly smaller space without janitor service for about \$ 85.00 per month at 812 Robson St. I have or can secure from my own resources most of the limited office equipment I would need in a modest set-up like that and I can, of course, build my own draughting table out of a piece of ply-wood.

Maps: Enclosed is a letter to Jacka re maps, *Red*

Regards, Roderick Macrae

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INTER-OFFICE CORRESPONDENCE

FROM E. O. Chisholm, Chief Geologist

DATE November 21st, 1957.

TO R. Macrae

SUBJECT _____

Reply


(TO BE COMPLETED IN DUPLICATE)

Dear Rod:

I note you can secure office space at 402 West Pender Street at \$100.00 per month, including telephone answering service, janitor service and power.

It is advisable to take this office for your west coast exploration headquarters and you are authorized to make the necessary arrangements as soon as possible.

Regards,



E. O. Chisholm.

EOC/ss

Jake group, Y. August 23^d, 1957

From:

Gumars PENIKIS

To:

PROSPECTORS AIRWAYS



A	N
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
W.S.R.	
R.I.B.	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.O.C.	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
H.A.P.	
R.D.S.	
B.C.B.	
G.P.R.	
E.L.D.	
J.L.K.	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.C.J.	

Dear Sir,

I am sending out the map containing the results of the Ronka loop survey over the North-East group of Vangorda. Part of the planned area could not be surveyed due to repeated difficulties encountered again with the instrument. It should be noted that we were working in special conditions. Only a few lines were cut in the area which itself was extremely rough (secondary valleys of afluentes to the Blind Creek). The essential parts of the instrument are condensed under solid protection and do not risk damage in practice. However the connecting devices seem to constitute a very weak point. The 200ft wire itself would hold under more tension than could practically be applied to it, but only a low tension is transmitted by the plugs without rupture of the welded connections. The fact that those connections were welded in the plug was another obstacle to fast repairs. The tension on the 200ft wire cannot be avoided in the above mentioned conditions. Almost always the front man (Grant Bridgman in this case) is out of sight, their walking speeds are different due to different ground conditions, wire gets caught, etc.

Another lot of time occurred w^hin earphone plug was caught in branches and lost. I made a replacement plug which ~~we~~ held till the end of the survey. Ironically enough the present situation is that I've sent us in a new plug, but now we need the earphones, which were lost on the last line in Vangorda. The only way, I suppose, ~~for~~ to prevent ~~losing~~ earphones & plug would be to tie them around the head, which I intend to do on the Jake survey. There however the conditions are more similar to those in which the instrument was originally intended to operate.

Distortion of connecting wires introduces naturally a different resistance in the operating circuit and consequently we had a frequent need for recalibration. The main calibration system on the transmitter loop could certainly be improved, made accessible at least.

Apart from these weak points the Rowke loop is a very good instrument, in my opinion. Lines were run over the known Vangorda sulphides and the results were satisfactory.

On the N-E group, nothing of a special importance was detected. On the map I outlined three suspicious areas; none of these anomalies however do necessarily even indicate the presence of sulphides. In that respect, ~~some~~ ^{some} of the E.M. profiles from the Cal group showed a more sulphide characterizing shape.

Presently at the Jake group the mag work is nearly half done. A large magnetic anomaly appears to be located all along the southern half of the

property and from geochemical results
in the other half of the property more high-reading
zones can be expected. On this however more detail
will be given in the Jake report.

Respectfully yours,

Gentry