

TO: MR. W. SIROLA  
REGIONAL EXPLORATION MANAGER

FR: ALEXANDER Y. PO  
GEOLOGIST

005941

RE: MONTHLY PROGRESS REPORT FOR THE MONTH OF JULY —  
FINLAYSON LAKE PROJECT

E.M. Survey: Carried over from the month of June and was finished on July 27<sup>th</sup>. All cut lines (160 claim lines) programmed for the project plus two fill-in lines (4 claim lines) were covered by the survey.

Result of the EM survey show four anomalous areas but only two are really of great significance in terms of intensity, areal extent and low-High frequency reading ratios. These two anomalous areas are both centered along the L-510E lines between  $\# 0$  and  $\# 872$  and between  $\# 1710 N / \# 2600 N$ .

For result of EM survey, please refer to accompanying map.

MAGNETIC Survey: Results in the eastern part of the area show small magnetic fluctuations. Subsequently, this part of the work was suspended on July 8<sup>th</sup> and was considered as low priority. Bret Whitelaw was instead assigned to continue the EM survey with me while F. Howe was transferred to Tom Lake.

Magnetic survey will be resumed by August 1<sup>st</sup>.

S.P.: The survey was conducted on July 29 and 30, along the L-510E line between  $\# 0$  up to  $3120 N$ .

AM S.P. anomaly was detected coinciding with the EM anomaly between  $\# 0$  to  $900 N$ . Another, but weaker, anomaly was also detected around  $2400 N$ . This second anomaly appear to be a shifted counterpart of the EM low at  $2010 N$ .

For result of S.P., please refer to accompanying EM profile (S.P. result in red lines). Please note that a third S.P. low at  $3100 N$  could be a reflection of the sudden rise in topography due to eskers in the area.

Geochem Survey: Four stream sediments and one creek bank samples were taken along the northern (and only) creek traversing across the property. Soil profile geochem sampling was also done in seven locations distributed to test both EM anomalous and non-anomalous areas. The soil profile geochem work was also intended as a orientation survey to test applicability of geochemistry.

For results and locations of sampling, please refer to accompanying diagrams and aerial photo overlay.

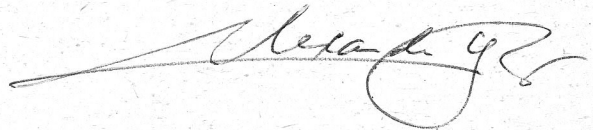
### OTHERS:

Coal Sampling: The Ross River road coal showing was sampled on 3 locations last July 28th. For sample locations and descriptions, please refer to accompanying diagram.

### PERSONNEL:

Mr FRED Crow transferred to TOM LANE on July 10th.

Messes: TREVOR JONES and PAT LEWIS arrived on July 18th and worked on EM lines until July 27th. Both moved on to TOM LANE on the 28th.



WA  
July 21, 1978

Finlayson C.  
Project

Dear Mr. Suola,

I am forwarding herewith the geochem samples of my soil profile along L-510E, L-250E, L-1500W, L-1750W. I also took some stream sediment samples along the lone creek transecting north of the property (samples PC-1 to 5).

Permafrost occurrence is patchy along the easterly lines and seems to be absent in the westerly lines. Trevor Jones is picking up anomaly along L-1500W and L-1750W from TB-872N up to TB-2600N and it join the anomaly I picked up earlier at L-1250W; TB 2600N.

So far, I still can't contact Fred by radio. I checked both PRT-20's and they are working fine. However, I found out that the transmitting crystals (2768 KHz) are different from the receiving crystals (3224 KHz). Thus, if Fred is trying to contact me <sup>by his marconi set</sup> on 2768 KHz, it will not be received by the PRT-20.

I expect to finish the EM survey by another 10 days and will wait for instruction as to the next move. If the SP-machine will not arrive by that time, I will resume the MAG work.

Regards,

*[Signature]*