

June 3/73

Cam,

The message on the radio about a fishing license was meant to mean a free miner license. No one here seems to know if we have any.

The elliptical zone that can be seen on the air photo that roughly corresponds to the geochron results runs off the claims to the N.W. I am extending the line past the claims to the river so that we can run mag over the whole thing (though it doesn't show up as a separate unit on the air mag, it may be discernable with the ground mag). If it does show up as a separate entity from the main intrusion, I would like to extend the bottom 2 claim lines one claim length and we need a free miner's license. There is no outcrop in that particular region but the main porphyry (around the south end) is well fractured with some pyrite chalcopyrite and moly along the fractures but the porphyry itself is fresh and barren.

There seems to be some discrepancies between the new grid numbers and the soil lines. We are attempting to tie everything in but need the original data for each point as the plot does not give the station numbers corresponding to their flags. If their sketch of where the soils were taken is available it could also be useful.

Could you also send in the mini-mag if no one else has use for it. I'd like to map across the creek (raging river) to the west. Where there are no outcrops, I might get a rough estimate of something (? \* ? # ...). (Could Terry N. get some crossers for the ends of pencils and a couple more pencils?) Terry (J.)

be approximated and the survey was very slow.

### Suggestions:

1. Rent an accurate magnetometer for a survey of the Fort Group. The money spent would actually be a savings considering man hours and information received.
2. Have <sup>the</sup> Tolander overhauled and checked because if it could work according to the specification, it would be quite adequate.
3. A new mag survey (about 3-4 days) on the HOL Claims dependent upon ~~the~~ favorable I.P. results.  
(now seems necessary)

Colleen is coming into Smithers 3<sup>15</sup> on June 29<sup>th</sup>. I would like to be able to meet her at the plane if possible (Maybe go out with the grub order on 28<sup>th</sup>) please confirm!

Enclosed is the 30 day warranty for the chain saw repaired by Piper.

The chaining device (TOPOFK) seems only approximate due to uneven flow when tension changes. For anything that needs accurate measurements such as a picket line the old chains would be advisable. The I.P. crew has found that distances between stations on the lines is not accurate. This may be due in part to the

inaccuracy of ~~the~~ tying a flag to a tree (appropriate ones may not be available). But it also may be due to the chaining machine.

Besides the string is quite a nuisance in the bush and may be a danger to small animals. Joe had to rescue a wiskey-jockey~~man~~ caught in it. For staking and approximate grids it is just.

The mini mag has no reproducibility of results.

The Golanter seems to need ~~about~~<sup>the first</sup> 5 readings<sup>N50</sup> with higher values before it stabilizes (temperature?)

According to the short wavy<sup>radio (9.8 MHz)</sup> geomagnetics over the last few weeks have been active and often active to disturbed. <sup>But</sup> IF the machine is left on for 5-10 minutes then our never changes as great as we find if the mag is jarred.

June 20/73

I.P. results to date:

Lines 6N, 14N, 22N,

- low resistivity, no frequency effects (1-1.5)

Line 30N

- about the middle of the lines some higher resistivity values  
frequency effect - nothing except a couple of 2% at depth of 4<sup>th</sup> separation

Line 38N

- very good I.P. anomaly - well defined frequency effects 10-12%  
not rolling surface in all cases  
resistivity high at center low around edges → country rock; possible intrusion in core.

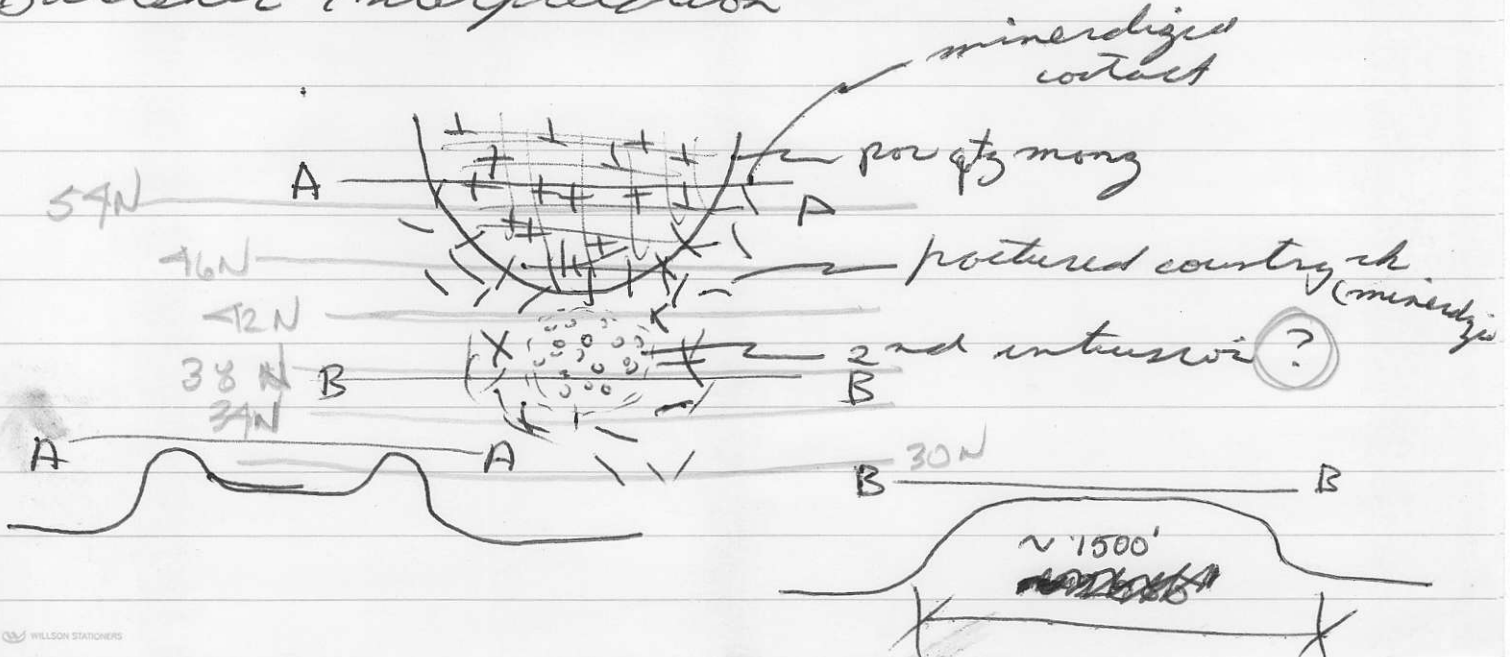
Line 46N

- relatively high <sup>frequency</sup> values (8-9%)  
around contact of intrusion  
dropping to 4-5 towards core  
(only ~~west~~ east 1/3 done)

Line 54N

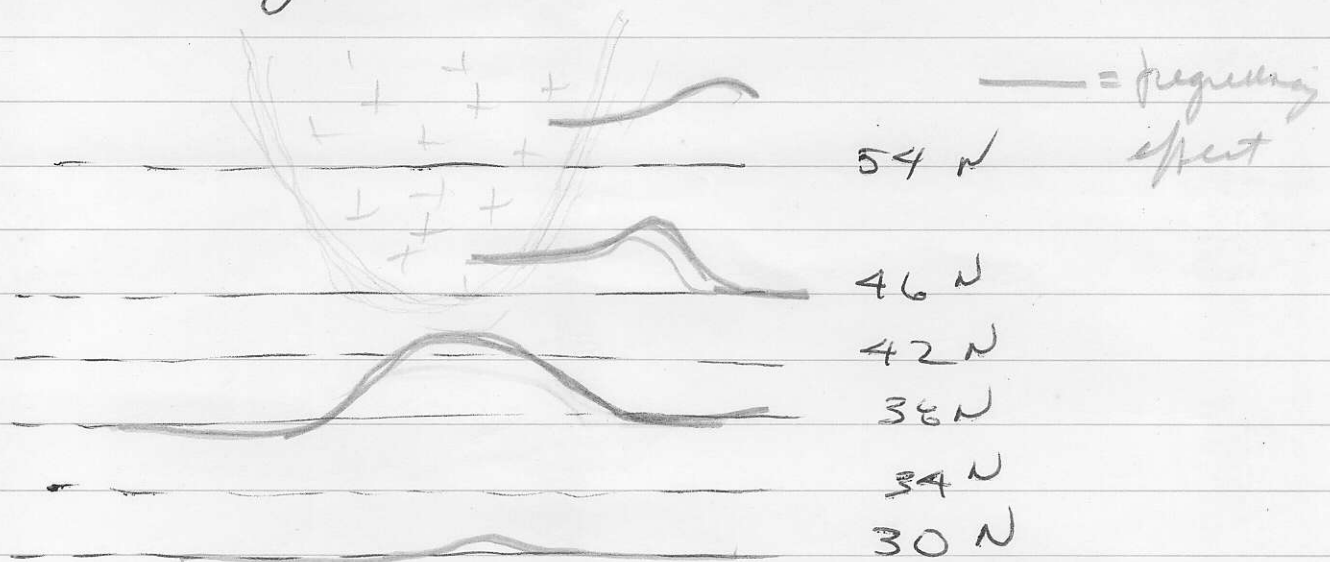
- about same as above ~~above~~ (anomaly probably runs to east off claims  
(~~west~~ east 1/2 of line))

Bulletin Interpretation



At the rate the I.P. is going on the hills the survey should be <sup>finished</sup> in 2 maybe 3 days (Friday or Saturday)

It may be advisable to put a couple of fill-in lines around the best line (line 38) to determine the continuity of the anomaly.



If we were to run line 42, they would be finished possibly on Sunday and if we were to do also line 34 it would mean at least Monday more likely Tuesday.

Do we have the money to afford ~~the~~ deepening the anomaly better?

I would have to power saw the lines in advance as they would be impossible to run otherwise.

I don't know how good a 12% frequency effect is but it is a definite drill target. Considering the predominance of ~~granite~~ over chert in ~~the~~ <sup>relatively low</sup> ~~area~~, ~~it may~~ not be ~~that~~ ~~low~~ frequency effect may not be bad.

The anomaly may not be caused by a second intrusion but just mineralization in fractured rock adjacent to the main intrusion. But this does not make it any less favorable.

1. Fee can afford ~~that~~ another 3 days  
or so give me an o.k. over the radio

1.2.

cut and do line 42 → O.K. to item #1  
cut and do line 34 → O.K. to item #2

1.P. results here make it more difficult  
to forget the TOP group. (?)