

Preliminary Report To CAM STEPHEN  
 May 1969 Hi Group  
 Tschento Lake, B.C.

June 5<sup>th</sup> 1969.

Part ① Progress Report.

1. Staking - Undertaken as the initial action since it was discovered that an eight-man camp was set up and about to begin operations from the "BAM" claim group. Eight claims were staked to the north-west beginning from a point 2800' to the north-east of 64NW-2800NE. These claims are called HI #100-107 inclusive.

2. Magnetometer. Newton ran a 100' interval grid over the "south" small magnetometer highs. The results are enclosed. It is apparent that the "Mini-Mag" is not sufficiently sensitive to assist interpretation of such low contrast anomalies.

3. Geology. Time has not permitted a detailed examination of the outcrops. A broad traverse from the initial post for HI #106, #107 to 64NW-4NE (~~185°~~ bearing) crossed outcrop of coarse-grained intrusive on every ridge (all ridges trend about south east). On occasion outcrops were seen to host intense fracturing, K-feldspar vein-fracture alteration, pyritization and severe epidotization.

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4(contd) Parity of outcrop makes extensive soil sampling of larger area the more potentially informative.  
N.B. "Syenite" on some occasions contains very easily detectable euhedral magnetite.

## Part ① Progress Report (contd.)

3. (contd.) This traverse provides information which convinces the writer that cheap and useful information could be gained by further geochemistry applied to soils (see section, 4.)

4. Geochemistry (Soils). Early profile soil samples taken on 10NE, 64NW to 48NW show two distinct horizons. The upper varies in thickness from 2 inches to 15 inches, is reddish-brown, sandy with some clay content. It has; fair porosity, moderate organic content, moderate root penetration, is the primary root zone; has a fairly constant moisture content, contains sub-rounded to sub angular boulders and pebbles. The second horizon is a yellow-brown sandy clay. It has; high-moisture content, minor root penetration.

Of the soil-sample holes seen (largely of the "bird-bath" variety) it would seem the original sampling was not adequate to provide samples of this second horizon. Throughout line 10NE two samples were taken where both horizons were developed and further interpretation and action (see section 3 above) will depend on the comparison of the analytical results of these samples with previous samples. Further interest with respect to reinterpretation of previous sampling is generated by a series of almost erratic "highs" in Cu to the north east of H<sub>1</sub> 7 & 9.

[669-1-(a)  
(b) etc.]



Preliminary Report.

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Part ②

Projected Work.

1. Stake remaining 48 claims.
2. Prospect all new claims
3. Prospect the south and south-west flanks of Nation Mountain.
4. Wait for further instructions.

Notes 1. It will be necessary for me to make a trip out to record claims staked May 30, 31st. (OR WILL IT?)

2. Boat & motor will be left (overturned) at campsite by lakeshore.

3. Gas drums were not sent out because of time considerations. All drums are now at campsite and if possible will get "chopper" pilot to lift them out. However, if this not sensible then perhaps back Mountain could have an empty fixed-wing pick them up as a back-load.??

4. Apologies - I do have a copy of "Memo To Field Parties".

5. Radio scheds. to continue at 0800 to 0830 hrs June 8, 10, 12 etc.

Col. P. Harivel  
June 5<sup>th</sup> 1969

COLIN P. HARIVEL

Addendum to Preliminary Report.

Suggested Code For Radio Schedules.

1. "More Nails"
  - staking job too big; need more men. (meaning new staking other than 250 claims projected to Campbell's group).
2. "More Spikes"
  - hot prospect
  - need "more nails" +
  - urgent visit from Cam suggested.
3. "No more BACON" (as instruction from Cam)
  - means cease staking HI group #108 - #148

Please: to Randy