670142

July 14 1978

Camp Bravo.

We do not have a maps to show the most recent staking done by Dupont. They seem to have tied up the ground north of the SLOUCE claims to reach the SKIM and VAL groups.

To the north and north west of MW however I am uncertain of the extent of staking. Marshall indicated one groups of 24 on a tungsten anomaly about half way between MW and Dorsey Lake if my memory serves. When I got a glimpse of McCrory's maps however I thought there were more claims than that.

All the ground south of the DW claims from the east boundary of SC to Dorsey Lake and east to Stewart River is staked.

I have not done any silt sampling south of MW. You may be able to do some near the head of the valley from your camp. The helicopter schedule is pretty full except for July 18 and 19 so if radio signals improve you may be able to arrange use of the chopper to sample more of the valley.

I assume you will move to the north side of your MW valley to investigate the granite contact and suggest you might establish a camp on the north side further to the north west

to investigate the mat zones as well as the intrusive contact area. I will leave the choice of site to yourselves.

We have not received the results of Balmers silt sampling at the east end of Seagull batholith and will wait for those before doing any further prospecting there.

I am going to Prince George today and will be back with the Dome people July 20 or 21 for a tour of our properties. Cooke will be along July 26.

Best

Cam

1 Bravo Aug 9 - Aug 16

Intro: The time was spent mapping the area and silting the ck. Some time was lost because of Rain.

Geology: most of the areas is intruded by diorite plugs and plutons, Qzite and limestone, the limestone is the least dominant unit. There is skarn along the diorite-limestone contact and the skarn (5' x ~200'). I think could be related to the diorite. There is no W or Sn mineralization in it (skarn) where found. Minor Epidote - Hematite and Sphalerite are to only skarn minerals. One unit that underlies the limestone - Qzite is a chalky - Rhyolitic tuffite unit that contains minor galena - Sphalerite - chalcopyrite - pyrite and pyrrhotite and is locally argiladeous.

There are several faults (See cross section looking at 140°) and they complicate things. I dont know if the granite contact is as steep as it appears or if this is a result of the faulting. I sheared zone and diorite - Sediment contact there is pyrite weathering. One anticline and an overturned anticline to west

Units: Rhyolite chalky tuffite (Qz eyes)

a striped yelow and white (½cm), wt bedded rock which can have carbonaceous and chalky characteristics. Pb-Zn-Cu mineralization occurs in minor amounts. This unit is located in the valley ~~to~~ in the area of camp. This unit probably grades into a Qzite.

Qzite and graywacke

A delta. The qwk has more sericite than the

Qrite. Therefore the Qrite can grade into
gwk.
Hard white-to brownish rocks (few Qz eyes)
that underlie and overlie the Limestone.

Limestone:

This could be the Limestone of the facies
change unit only the cherty horizons are now
Qrites. A dull gray limestone that is skarned
along contact with Diorite. No W, Sn was observed

chert overlies the Limestone.

Mudstone (as previously mentioned)

Rhyolite Sill

Previously thought to be part of the
mudstone unit. But upon re-examination
the sill exhibits the typical jointing of granite.
The rock looms a mottled purple-white
(silicious), brecciated contact in contact with
siltstones.

Diorite:

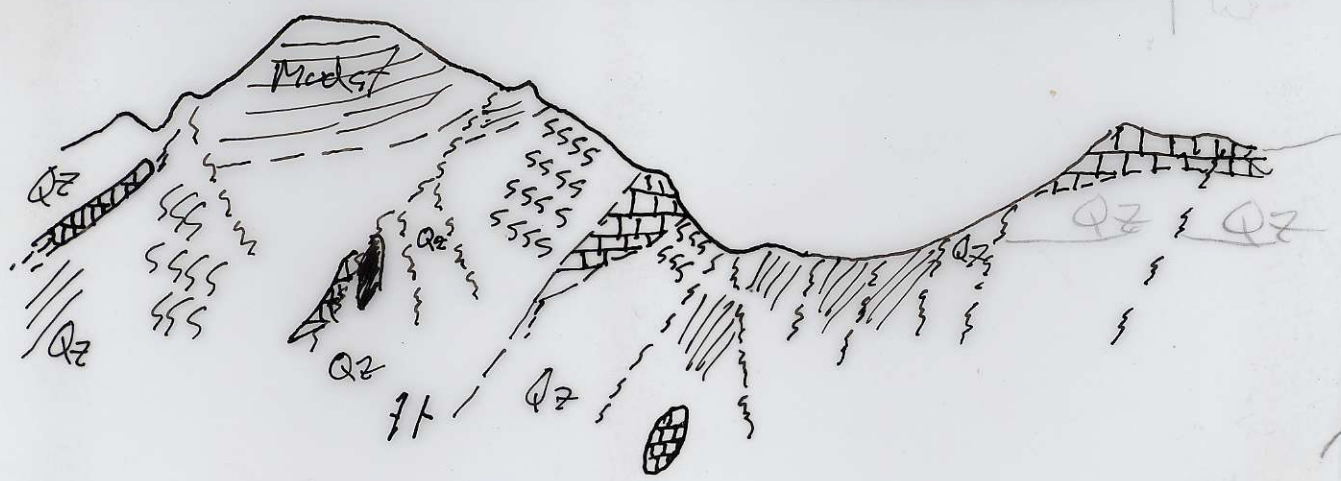
A typical intrusive with interlocking
texture. This rock grades into a gabro at one
spot. This Diorite is the source of the
Andesites in the Area (Plug, Gull, Can, Moa)

Conclusions:

If the geochem proves interesting the
prospects are good. The rocks are of interest

especially the cherty-rhyolite unit with Pb-Zn-Cu. The ~~hornfelsed and~~ skarn seem to be the result of the diorite intrusive. The limestone seems to be dipping in the direction of the seagull but the contact is assumed to be very deep. The structure is very complex because of faulting but the rocks I think are similar to the ones I've seen at the plog (except for the intrusives).

Our rock sample (Gn-Sp-qtz) and several silt and soil should prove as a treat.



Looking ~140°

shist, Qz-seo. Bt

shear zone

fault

Qz - Qzite

Lmst

Skarn