672353

GREER GROUP (General Comments)

- Gneiss looked for on road, not located
- Rhyodacite seen, also granite
- Common corner of 1, 2 + 3 should be checked for recrystl. volcanics + good intrusive relations
- BFP of Angie's map is FELDSPAR PORPHYRY, not BFP of Babine Lake, which are supposed to look like granite or granodiorite
- Tuff breccia is contemporaneous w. red dacite porphyry, but shows no alt. or mineralization ∴ massive sulfide potential is probably not good.
- Tectonic breccia zone on C grid may be interesting
- B Grid, 660 ppm Cu pick is in very small creek; drainage is from nearby bulldozed O.C. which is Feldspar Porphyry (rusty, w. minor Py + Po; also some chlorite alt.)
- Rhyolite occurs E of this mineralized area.
- Lot of Feldspar Porphyry on E half of B grid — is the stuff one large intrusive (or flow?) or are they actually several plugs or flows?
- Run some Feldspar Porphyry samples for Au

- Is "Porphyritic Latite" actually a trachyte?
- Are most of the rocks actually trachytes? — very definite lack of qtz. in most rock types.
- Why so much magnetite in acid volcanics generally.
- Rhyolite is not as common as indicated on Angie's map.

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June 20/80.

Dear Kim.

I have finally found the map you wanted. Cam said to include the 1:50 000 map also.

I spoke to Bryan today & he said he can give you some mylars. If you have probably seen him by now.

I enclose a cheque for your expense accounts.

May 9-16	68.90
June 3	127.07
June 13-16	38.23
	234.20

The previous cheque for 31.25 was to reimburse you personally for B.C. Gold expenses. This one is from the Target expense account.

Regards.

Mary.

D GRID

- O.C. mainly dacite porphyry; feldspar porphyry with some granite + granodiorite in the far east.
- no mineralization seen, but the feldspar porphyry is rusty in some places, along fractures.
- minor O.C. of flow-banded rhyolite (as on C grid)
- extremely high mag. on large dacite porphyry ridge (2E, 5N), could not expose the source.

A GRID

- Dacite Porphyry common, appears strongly altered
- locally, has a slick, greasy look to it.
- Trachyte porphyry may be "Latite Porphyry" of petrographic report.
- No mineralization seen on grid.
- Large assumed fault to W of base line probably exists as the rock types are not the same on W side of the valley as on the grid.

B Grid

Scint - values range from 70 to 285
- only 2 spot highs: 8+00E 7N 250 cps
  9+00E 8N 285 cps
- no coinciding O.C., closest is a feldspar porphyry 100m SW of 250
- otherwise readings are 110–150, flat and not well contoured.

Mag - readings vary from 295 to ~~3185~~ ~~3000~~ 3579 γ
- strong mag low (235γ) at 4E 6N, no O.C.
- high of 3000γ @ 3E 4+50N, close to rhyodacite + basalt O.C. on logging road; may be an E-W fault just S. of the O.C. as the mag gradient is very steep + seems sharply truncated to the W.
- Mag highs of 3579 (8E 1+50N) and 3185 (8E 2+50N) coincide with the strongly magnetic mafic feldspar porphyry and mafic flow.

GEOLOGY

- Feldspar porphyry over most of the eastern part of the grid; small O.C. of rhyolite off SE corner of grid.
- one small O.C. of BFP just off the NW part of grid.
- red dacite porphyry + a tuff breccia occur in the NW part of grid, both O.C and lots of rubble – get both rock types in some fragments; contemporaneous origin, no alteration or mineralization.
- Rubble of F.P. (12E, 6N) to W is brecciated, fractured + altered much like the zone on Dead Man's Creek.

CA Grid

- most O.C along creek
- large ridge banded rhyolite flow at end of L 7N
- showing w. cpy, py, mt on creek gave assay values 4+50 N, 1+60 E
- breccia zone on creek between lines 1N + 2N

- Mag values range 457 to 2824 γ
- Strong high (2824 γ) at 10+00N 3+75E at large ridge w. dacite porphyry rubble (strongly altered)
- generally contours are broader + flatter over swamps and low areas, more closely spaced in areas of O.C.

- Scint is ~~the same~~ similar to mag.: values are lower in the swampy areas with thicker overburden, higher values in O.C. areas especially outlined along creek.
- range of values 45 to 200 cps

- Geochem
  - Cu range 2 to 210
  - Mo range 1 to 26 (Most are 1+2)
  - U range 0.5 to 38
- Cu high of 210 is in swamp; get a few higher values (48, 44, 24, 20) along creek + on its banks where O.C is exposed or close to it (L 0N to L 4N)
- Mo is generally dead (5, 6, 7, 9 + 26 ppm are the only 5 over 3 ppm) and all are from swamps.
- U is generally quite low (38, 13, 16.5 + 10.5 ppm are all from swamps)