FAX COVER SHEET

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BRITISH COLUMBIA
Ministry of Energy and Mines

BRITISH COLUMBIA GEOLOGICAL SURVEY

Economic Geology and Mineral Inventory

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Deliveries to: 5th Floor - 1810 Blanshard St., Victoria, B.C.

Date Sent: July 18/2000

Fax Number: (250) 836-3986

To: Jim Logan
staying in Cabin

From: Dave Lefebure

Comments: Jim
FYI. Thanks for the hospitality.
Dave

Number of Pages Sent Including Cover Sheet: 3

836-3986

Lefebure, Dave EM:EX

To: Cathro, Mike EM:EX
Cc: Logan, Jim EM:EX; Marshall, Dan
Subject: RE: GQ

Mike:

Nice to be travelling with such "fast" company.

We had a good day yesterday looking on the north side of Second Creek at Warner's mineral occurrences (all scapolite-diopside skarn, sometimes with garnet and rare laminae with pyrite or pyrrhotite). Still lots of pegmatite in that area.

We then jumped over to Third Creek to have a quick look at the Anastey intrusive and another scapolite-diopside occurrence with one bed with sulphides. The deformation is more intense and the metamorphic grade probably higher (some excellent coarse sillimanite) at the upper end of the logging roads. Based on the relationships at this occurrence, it would appear that it is more likely that the scapolite-diopside calc-silicates reflect regional metamorphism than contact metamorphism.

Jim is hoping to spend another day in the area. Still lots of questions. I wonder if GQ represents an indication of plutonic-related gold, but there are better places to look?

There is a moly occurrence (Rip) with associated pegmatites located a considerable distance north-northeast of GQ that might be interesting to look at some time (see below).

Cheers,
Dave

RIP - 082M 027
UTM11 5677890 379781
Commodities Molybdenum

The area lies within the Shuswap Complex along the western margin of the Frenchman Cap Dome. The core of the dome rocks are probable Aphebian Age paragneiss and orthogneiss. Lying unconformably on the dome are a succession of metasedimentary quartzites and pelites and concordant nepheline syenite gneisses.

Molybdenite occurs disseminated in nepheline and pegmatite dykes which intrude biotite schists and gneisses. Limonite staining is associated with pyrite and pyrrhotite.

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From: Cathro, Mike EM:EX
Sent: Tuesday, July 18, 2000 9:02 AM
To: 'marshall@sfu.ca'
Cc: Logan, Jim EM:EX; Lefebure, Dave EM:EX
Subject: RE: GQ

Dan,
That was sure fast! I actually do owe you at least one beer because I never paid you the $4 you lent me at dinner! I think I've got one of the possible scheelite samples and will lamp it and the others this week.

The emails for Dave and Jim are shown on the cc: list above.

Mike
Mike Cathro
Regional Geologist, Kamloops
BC Ministry of Energy and Mines

tel: (250) 828-4566 fax: (250) 828-4726
email: mike.cathro@gems2.gov.bc.ca

From: Dan Marshall[SMTP:marshall@sfu.ca]
Reply To: marshall@sfu.ca
Sent: Monday, July 17, 2000 2:11 PM
To: Cathro, Mike EM:EX

Subject: GQ

Mike:
I made it to Hope last night and then got back to Van this morning.
I sent some of my samples off for thin sections, and I had a look at some of the others.
Your Bismuth(inite) is graphite, the good news is you don't owe me two beers.
It was definitely sillimanite in those bioite rich rocks.
There are lots of flincs in the marble samples I took, but they are all pretty shitty and I don't think there would be any usable data from them. So that is a bit of a bummer in terms of figuring out P T conditions. I'll think about it for a while and see if I can come up with any ideas.
Also could you send me Jim's email and I can copy this stuff to him.
Thanks for the trip, Dan