

TCB → Fish
LK.
Prosperity
886540

I N T E R O F F I C E M E M O R A N D U M

Date: 23-Aug-1995 09:29am PDT
From: Ron Smyth - Min. of EMPR of EM
RSMYTH
Dept: Energy, Mines & Petroleum Res.
Tel No: 952-0374

TO: Tom Schroeter of EMPR

(T S C H R O E T E R)

Subject: Fish Lake

I asked Ed Beswick to copy you on corrspodance re Fish Lake
Review.

This is for your info.

Ron

POST-ACCRETION DEPOSITS									
Deposit	Metals	Cu: Au Ratio	Basement (Terrane)	Age	Intrusive composition	Intrusive Breccia Present	Host rocks	Alteration	Metallic Minerals
Bell	Cu-Au (Mo)	~1.2	Stikinia	~50 Ma (K-Ar)	Calc-alkaline: Biotite feldspar porphyry	Yes	Jura-Cretaceous volcanoclastic/ sedimentary rocks, Porphyry	Potassic, Phyl (overprinting), Chl-Carb	C-Cpy, Mo; Supergene
Big Onion Big Onion 1976 #27	Cu-Mo	?	Stikinia	~49 Ma (K-Ar)	Calc-alkaline: Upper Cretac.-Tertiary Quartz feldspar porphyry, Quartz diorite porphyry	No	Quartz diorite, Jurassic Andesites	Phyl, Prop, Arg	C-Ccpt, Mo, Py; F-Py
Berg	Cu-Mo	~8	Stikinia	~49 Ma (K-Ar)	Calc-alkaline: Mid-Eocene Porphyritic quartz monzonites, late Monzonite dike	Yes	Porphyritic quartz monzonite, Jura-Cretaceous volcanics/ sediments contact	Potassic or none, later vein controlled Phyl and Prop	C-Cpy, Mo; F-Py; supergene
Casino (Yukon)	Cu-Mo-Au	~0.8	Yukon-Tanana?	~73 Ma (U-Pb)	Calc-alkaline: Mafic feldspar porphyry	Yes	Calc-alkaline: Quartz monzonite, Mafic feldspar porphyry	Potassic, Phyl, weak Prop, Arg	C-Cpy, Mo; F-Py; supergene
Catface	Cu-Mo	---	Wrangellia	~36 Ma?	Calc-alkaline: Quartz diorite	Yes	Cretaceous Quartz monzonite, Triassic? Basalts	Weak Potassic, Phyl, Prop	C-Bn, Cpy, Mo, weak Scheelite; F-Py, pyrr; P-gold veins
Dublin Gulch (Yukon)	Au, W	---	Yukon-Tanana	~85 Ma (K-Ar)	Calc-alkaline: Biotite granodiorite, granite	No	Granodiorite to Quartz monzonite, Phyllite, Quartzite	Potassic, Phyl, Sheeted quartz veins	Gold, Asp, Py, Pyrr, Cpy, Scheelite, Bi sulphides

INTEROFFICE MEMORANDUM

RG-Kamloops

Created: 24-Sep-1996 02:02pm PDT
Sent: 27-Sep-1996 11:45am PDT
From: Mike Cathro of EI
MCATHRO
Title: Regional Geologist
Dept: Employment & Investment
Tel No: 828-4566

TO: See Below

Subject: Weekly Report to Sept 24, 1996

ISSUES

- *Chilcotin inspection/geology tour: Working on costs/logistics for Oct 8/9 trip to Prosperity, Blackdome, Pellaire and possibly Westpine-Taseko.
- *Prosperity (Fish L.) update: 26 holes drilled so far out of 70 (approx 1/4 of total footage). Total budget for this program will be \$13.5 - 15m (not a typo) of which about \$6m should be spent by Christmas. They expect to drill through to April '97. The "Tsilqhotin National Government" has set Sept 30 as the date for Taseko to vacate the site and may try blockades etc.
- *Blackdome update: Underground work complete and equipment being taken out. Drilling still ongoing. Rick Sommerville is very pleased with the results received this year. He estimates that \$600K will be spent in '96.
- *Mad Property - Watson Bar area: NOW from First Point Capital Corp. (Ron Britten et. al.) for geochem work. Also received a NOW for test pitting on the newly-staked Cougar claims, located north of Mad. The Watson Bar area is heating up. First Point should raise the profile and credibility of this gold district.
- *Harper Creek Project: Visited on Wed. Sept 25 with Mike Sanguinetti. Co. Drilling on hole 2 of 9 hole, 3200 m program. Deposit is wide open and there is good potential to vastly increase the known reserve of about 96 million tonnes grading 0.41% Cu with minor Mo, Au, Ag credits. T. Hoy spent 4 days mapping there this week. See summary write-up in monthly report.
- *Eagle Bay Field Trip and Info Session: Sept 19 trip had about 40-45 attendees and was organized and led by Tryg, Vic, Peter, Steve, Liz Lebow and myself. Despite early rain the trip was a success and feedback was all positive.
- *CIM Conference and presentation: I gave my talk "Expl. and Dev. Highlights in SC-BC" on Friday the 20th to a standing room only crowd of about 40 people. Feedback positive; several requests for more info will require follow-up.
- *BHP talks to KEG: Arranged for two talks from BHP geologists who are passing through Kamloops with Tom Schroeter. Tentatively set up for Thurs Oct 3 at 7:30 PM, Stockmen's Hotel. Topics are 1) Geochemical expl. for porphyries, and 2) Porphyries of SW USA.

Mike

Distribution:

I N T E O F F I C E M E M O R A D U M

Created: 26-Jun-1997 12:43pm PDT
Sent: 26-Jun-1997 03:21pm PDT
From: Mike Cathro of EI
MCATHRO
Title. Regional Geologist
Dept: Employment & Investment
Tel No: 828-4566

TO: See Below

Subject: Weekly Report - Kamloops RC

Rick and others:

1. Prosperity (Taseko Mines Ltd.) - The EAA/CEAA review has been restarted, and formal confirmation of participation by DFO is expected shortly. The company presented three options for pit/waste rock/tailings configurations to the revived Project Committee on June 25th in Williams Lake. Taseko would like to proceed immediately with technical group meetings to be able to establish project report specifications and baseline survey methods for this upcoming field season. Their goal is to present a Project Report to government by early 1998. Norm Ringstad indicated that the gov't is pushing hard for committees to meet deadlines, so hopefully this review will not be delayed again.

Option #1 avoids affecting Fish Lake and involves mining approx. 80% of the minable ore. Waste rock would go north of the pit and tailings would go in the upper Tete Angela drainage, a few km north of the pit. Option #2 would see a dam constructed in part of Fish Lake and mining of nearly all of the orebody, with tailings and waste rock located in the same place as Option 1. Option #3 is the company's original proposal and involves placing waste rock and tailings in the current position of Fish Lake. An updated ore reserve and pit design, based on the 96/97 work, will be released in the fall.

2. Pellaire (Int. Jaguar Equities Ltd.) - Co. is clearing road and preparing to extract remainder of 10,000 tonne bulk sample. Mine Dev. Committee agreed that company should deactivate the road to rough standards at the end of the current program.

3. Tulameen Coal (Pacific West Coal Ltd.). 8 ddh, 900 m road and re-sampling of trenches are planned for this coal deposit, last worked by Cyprus Anvil between 1976 and 1982. Eric B. is familiar with the project and advises there are some 21 million tonnes of good quality, low sulphur, bituminous B&C coal available at a 4:1 bank ratio.

4. CK (Horne Estate) - Possibility of a change of control and upcoming work on this thin but persistent Sedex Zn-Pb deposit located north of Clearwater.

5. Bud (Big I Dev. Ltd.) - 5 holes drilled on this porphyry Cu-Au property near Princeton.

6. Garthwaite pit (Cons. Shoshoni Gold Inc.) 2 ddh to test a mag anomaly hit magnetite-epidote skarn with minor chalcopyrite.

7. Ed1 (Foran Mining Corp.) - Co. has raised \$1 M for this years trenching and drilling program on VMS targets in the Birk Creek area (Eagle Bay).

8. Honeymoon Bay gold in till anomaly - On Friday I will do a field visit with Camile Berube to his new claims on the west side of Adams Lake. He

I N T E R O F F I C E M E M O R A N D U M

Created: 19-Dec-1997 11:03am PST
Sent: 19-Dec-1997 11:15am PST
From: Mike Cathro of EI
MCATHRO
Title. Regional Geologist
Dept: Employment & Investment
Tel No: 828-4566

TO: See Below

Subject: Weekly Report

EXPLORATION/DEVELOPMENT NEWS:

*Prosperity (Taseko Mines Ltd.) Co. advised by Tsilgot'in National Government of their cposition to the project. Advised to close down their illegal operation and to not communicate with local communities. Taseko also announced improved metal recoveries (90% Cu, 75.6 % Au) from pilot plant metallurgical and process programs.

*Pogo (Teck-Sumitomo). Co. announced 4.5 million ounce high-grade reserve on this important plutonic related gold deposit in Alaska. May have implications for exploration elsewhere in cordillera, for instance in the Baldy batholith near Barriere which has potential for similar mineralization. Too bad it's gold!

OTHER ACTIVITIES:

*Watson Bar paper for Geological Fieldwork at camera ready stage - to go by courier to Victoria today. Thanks to Bruce for last minute computer drafting help.

*Three Proectors Assistance reports reviewed for issuance of final checks.

*Notices of Completion rolling in. I will begin Exploration review paper in New Year, for distribution at Round-up.

* I'm away until Jan 5.

Merry Christmas,

Mike

Distribution:

TO: Rick Meyers of EI	(RMEYERS)
CC: Bob Lane of EI	(BLANE)
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