REDHILL 886949

-> KO -/amlops

## Schroeter, Tom EM:EX

From:	Cathro, Mike EM:EX
Sent:	Friday, November 27, 1998 11:17 AM
То:	Beresford, Eric EM:EX
Cc:	Britton, Jim; Lane, Bob; Lefebure, Dave; Madu, Bruce; McArthur, Gib; McMillan, Bill; Pinsent,
	Robert; Schroeter, Tom; Wilton, Paul; Wojdak, Paul
Subject:	Weekly Report to 11/27/98

#### HIGHLIGHTS:

Drilling began this week on the Red Hill Cu-Zn-Pb-Au-Ag VMS prospect near Ashcroft (Teck Exploration) and the Hefley Creek (DH claims) alumina prespect (Lafarge Canada). The latter is an <u>anorthosite deposit</u> which is optioned from prospectors Bill Hall and Dave Duguay. Lafarge has done mag/VLF surveys over the area and will drill nine 10 m holes to see if the deposit is appropriate for use as a source of Ca and Al in the Harper Ranch cement plant.

<u>Cominco</u> has staked 52 units (KNEB claims) in the Monashee Complex northeast of Cottonbelt (82M/10E). The claims cover the "CB 16-2" Cu-Fe occurrence (MINFILE 82M241) and extensions of the Cottonbelt Pb-Zr-Ag stratigraphy. J. Britton and I both had discussions with Ken Pride of Cominco regarding the land use status of the area.

<u>Blue River Calcite</u> - LuVerne Hogg (C2C Resources) has re-acquired title to this property. Despite having filed a plan for exploration and small scale test mining this year, it was discovered that C2C had inadvertently let their claims lapse, and they were re-staked by prospectors Bill Hall and Dave Duguay. C2C has purchased the claims for a small amount of cash and everyone is happy!

Ladybug (82M/3) - PAP grantee Leo Lindinger has a tentative deal to option this Ag-Pb-Zn property located NW of Shuswap Lake to **Cross Lake Minerals**, a VSE company headed by Hank Ewanchuk. Legal work is yet to be finalized. Cross Lake would spend a minimum of \$30K on the property in the first year. Shuswap-style mineralization is hosted in calc-silicate bearing, metamorphosed carbonate, and siliciclastic rocks of probable Lower Paleozoic age.

**Bizar (82M/14E)** - Lindinger has also optioned his "Biz 1" claim to **Cassidy Gold Inc.**, a VSE-listed company run by Jim Gillis and based in Kamloops. Cassidy must spend \$500K over four years (\$50K in the first year) to earn a 100% interest, subject to a 2% net smelter return. The claims are located about 1.5 km west of Tum Tum Lake in the Upper Adams River drainage, and about 15 km northeast of the village of Avola on the Yellowhead highway. They were staked in October under a **PAP grant** to cover an unusual, newly discovered, high-grade gold-quartz vein showing hosted by quartzite and mica schist/gneiss of the Shuswap Metamorphic Complex. I took two chip samples across a narrow vein with the following results:

WIDTH 5 cm 20 cm	Au ppm 11.69 56.2	Ag ppm 2.2 5.4	Cu ppm 1939 3423	Bi ppm 769 38	Mo ppm 30 13	Te ppm <b>5.9</b> 1.3	W ppm 60 18	Co ppm 318 151	Ni ppm 292 140	
20 cm	50 X	5.4	3423	30	13	1.3	18 (	151	140	
			1							

Arsenic, antimony, lead, zinc, mercury, fluorine, and tin values were not anomalous. Although the veins discovered to date are narrow, no soil sampling and only limited prospecting have been done in the area. There is potential for a both high grade veins and stockwork or sheeted vein bulk tonnage deposits. Numerous intrusions of pegmatite and mid Cretaceous granitic rocks occur in the general area, which combined with the metal signature (particularly Bi, Mo, Te, W), suggest a setting similar to Pogo, Alaska (Teck/Sumitomo, 9.98M tons @ 0.52 opt Au) or Ft Knox, Alaska (161.8M tons @ .025 opt). The Bizar discovery strenthens the argument for grassroots prospecting for intrusion-related gold in the little-explored Shuswap rocks. Interestingly, it) is near the north edge of 82M mapsheet and the next mapsheet to the north (83D) has never had an RGS survey.....

Mihe

From:	Cathro, Mike EM:EX
Sent:	Friday, December 11, 1998 11:11 AM
To:	Beresford, Eric EM:EX
Cc:	Britton, Jim; Brown, Derek; Lane, Bob; Lefebure, Dave; Madu, Bruce; McArthur, Gib; McMillan,
	Bill; Pinsent, Robert; Schroeter, Tom; Wilton, Paul; Wojdak, Paul
Subject:	Weekly Report to 12/11/98

VOS-> RG - Kamloops

#### HIGHLIGHTS:

Red Hill (Teck Exploration) On Wed. I briefly visited this VMS Cu-Zn-Pb-Au-Ag prospect south of Ashcroft, and viewed core drilled in recent weeks (5 ddh, approx 750 m). Mineralization is hosted in felsic-intermediate volcanics interpreted by <u>E. Childe (1997)</u> to be part of the Early Triassic Kutcho Assemblage. In the few boxes I examined, mineralization consists of pyrite beds and veinlets in chlorite and epidote altered rocks, and has the appearance of a footwall stockwork zone. Four of the five holes were drilled southwest of Highway #1, away from the obvious alteration/mineralization which is easily visible on Red Hill to the east of the highway. Assays are pending.

Ashcroft plant (C2C Mining) - While in Ashcroft I briefly viewed ongoing construction at the new absorbants/kitty litter plant, located adjacent to the CN tracks. Four large silos and a horizontal drying kiln (?) were being assembled by a crew of about 6 people.

Ladybug (Leo Lindinger/Dave Pipe) - News Release from <u>Cross Lake Minerals</u>.Ltd. announcing that they have optioned this Ag-Zn-Pb-Cu property located west of Seymour Arm, Shuswap Lake. The company will \$30,000 in the first year on IP and soil sampling (and trenching I bet). Cross Lake's sampling returned 9 metres of 1.9% Zn, 78.2 g/t Ag, 0.19% Cu, and 1.19% Pb. A high grade sample returned 7.42% Zn. 550 g/t Ag, 0.92% Cu and 6.65% Pb over 0.5 m. This project was supported by the Prospectors Assistance program in 1995 and 1998

**Technical Liason Committee** - Yesterday I attended my final meeting of this committee in Vancouver. Paul Wojdak will take over. We mainly discussed "alternative funding arrangements" for the GSB. There was guarded support for the GSB to begin discussions with industry associations on the idea of creating a *dedicated revenue stream for GSB*, funded in part, perhaps, by a new levy on claims or assessment work. In addition, there is also word that the government has agreed with the industry on *compensation regulations for expropriated mineral claims*. It will be based on the (fair?) market value with each side using "qualified evaluators" and a baseball-style arbitration system (i.e. arbitrator picks one or the other proposals).

Shuswap gold potential - Yesterday I met with Dave Kuran, Dave Gaunt, and James Moores of <u>Homestake in</u> Vancouver to discuss our compilation of <u>Ft</u>. Knox-Pogo gold indicators in <u>82M mapsheet</u>. I left them a copy of the map and they seem genuinely interested in following up some of the gold-tungsten-moly anomalies in the area. They are also interested in participating in a partnership to reanalyse RGS pulps for <u>Ft Knox-Pogo</u> indicators in southern BC. Copies of this compilation map have also been given to <u>Placer Dome</u>, Teck, Equity Engineering and several local prospectors.

Bralome Mine - Coral Gold has acquired an option to purchase a 25% interest in return for cash payment and an assumption of debt. No one is on site.

Mine

Mike Cathro Regional Geologist Mines Branch, Kamloops

tel. 250 828-4566 fax 250 828-4726 Email: Mike.Cathro@gems2.gov.bc.ca 

 From:
 Cathro, Mike EM:EX

 Sent:
 Friday, June 01, 2001 4:32 PM

 To:
 Adams, Rick EM:EX; Britton, Jim EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; Ludwig, Allan EM:EX; Madu, Bruce EM:EX; McArthur, Gib EM:EX; Payie, Garry EM:EX; Schroeter, Tom EM:EX; Smith, Don EM:EX

 Subject:
 Cathro Weekly to 6/1/2001

#### **EXPLORATION HIGHLIGHTS:**

**Tungsten** - the recent rise in prices (to about \$7/Kg for WO3) has prompted North American Tungsten to re-open it's CanTung mine in NWT. The mine hosts high-grade tungsten skam reserves (grading approx 1.8% WO3) but has been on care and maintenance since 1986 due to low prices caused by Chinese dumping. NAT has signed a sales agreement with Sandvik and Osram Silvania to supply tungsten for three years. CanTung will become the largest producer in the world and will be the only mine in North America. Recent tungsten skam discoveries in southern BC may begin attracting exploration attention in the near future (e.g. Dave Ridley's Fox and Camille Berube's Lucky Bear claims). Numerous other bistoric tungsten prospects are open for staking and may also receive some attention.

**Red Hill (Teck Corp)** - 15 holes have been drilled so far (out of possible 20 holes and 4000 m) on this VMS Cu-Zn target near Ashcroft. First Nations people were holding a "bitterroot festival" on the property this week. A large group was collecting bitterroot for use as a medicinal herb, but they were friendly and were not upset by the drilling activity.

Goldstream (Orphan Boy Resources) - financing of \$750K complete but awaiting final paperwork; another \$1.3N is being negotiated. Expect drilling of 1000 m near the Goldstream mine by late June.

Ledge (Manadalay Resource Corp) - Approx 500 m drilled on this property east of 100 Mile, apparently without the agreement of the claimowner Dave Ridley who has not received a property payment!

Siwash (Int'I Tower Hill Mines Lto) - 5 ddh planned to test this Au-Ag-Cu prospect near Brenda mine.

Pongo (Molycor/Verdstone) - small trenching program underway on this high-grade Au-Ag-Pb-Zn-Cu vein/shear zone prospect near East Barriere L. Molycor also raised \$75K. Change

Other Financings - several companies have announced small financings to complete summer work and/or keep the lights on e.g. Jaguar Int. (\$225K total) and GWR Resources (\$188K).

# 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

Also all to DDA" list.

From: Sent: To: Cathro, Mike EM:EX Thursday, June 07, 2001 4:51 PM Adams, Rick EM:EX; Britton, Jim EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; Ludwig, Allan EM:EX; Madu, Bruce EM:EX; McArthur, Gib EM:EX; Payie, Garry EM:EX; Schroeter, Tom EM:EX; Smith, Don EM:EX Cathro Weekly to 6/7/2001

Subject:

## HIGHLIGHTS;

Red Hill (Teck Corp.) - viewed core on 6/5 with Paul Baxter, project geologist. About 3600 m were drilled in 17 hcles on this VMS Cu-Zn-Au-Ag prospect located south of Ashcroft. Host rocks are felsic and mafic volcanics dated as Early Triassic and thought to be similar to the Kutcho volcanics of northern BC. Up to 19 m of stringer and semi-massive pyrite were interesected by some of the holes, however Cu and Zn values appear to be low. Assays are awaited.

Pongo (Verdstone/Molycor) - visited the site of excavator trenching on this shear-vein Zn-Pb-Au-Ag prospect located south of East Barriere Lake. Nice exposures of galena-sphalerite-pyrite are associated with contorted quartz veins in black argillite, beneath a shallowly dipping (thrust?) fault contact with overlying limestone. Panel sampling has been completed and assays are awaited. This is not a new showing but has been trenched and drilled before. The new trenching may give them hope for better size and/or grade.

## 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

with Paul Baxter. Varont"

From:	Cathro, Mike EM:EX
Sent:	Friday, March 16, 2001 2:13 PM
To:	Adams, Rick EM:EX
Cc:	Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie,
	Garry; Schroeter, Tom; Smith, Don; Houle, Jacques; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject:	Cathro Weekly to 10/16/2001

#### HIGHLIGHTS:

Fox Zn-Cu (Gitennes Exploration Inc.) - drill rumoured to be turning. Great interest from industry and investors. Expect first results by end of March? (To be visited on KEG field trip on April 5th).

Red Hill (Teck Exploration Ltd.) - Notice of work for 4000 m drilling in 20 holes (late April) on this massive sulphide Cu-Zn target near Ashcroft. An as-yet unamed junior joint-venture partner will financing the work. Host rocks are Lower Triassic felsic volcanics interpreted to be equivalent to the Kutcho Assemblage. (To be visited on KEG field trip on April 5th).

Spire (Imperial Metals Corp) - Notice for drilling of 10 holes, trenching and gridwork on this new Cu-Zn prospect north of Revelstoke.

KEG (April 3-4). - Approx 120 people have pre-registered so far. We expect about 225 total. List of talks should go up on KEG website today or Monday at http://www.keg.bc.ca.

**Lillooet LRMP** - Two options to go forward from a community coalition (15.5% park) and conservation-recreation group (19% park). Plenty of problems for minerals with both options. Hurry-up approval process underway to present to cabinet on March 28. No cost-benefit analysis will be completed due to time constraints.

From:	Cathro, Mike EM:EX
Sent:	Friday, May 04, 2001 3:36 PM
То:	Adams, Rick EM:EX
Cc:	Britton, Jim EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; Ludwig, Allan EM:EX;
	Madu, Bruce EM:EX; McArthur, Gib EM:EX; Payie, Garry EM:EX; Schroeter, Tom EM:EX;
	Smith, Don EM:EX
Subject:	Cathro Weekly to May 4/2001

#### EXPLORATION ACTIVITY:

**Red Hill (Teck Exploration Ltd.)** - A 20 hole, 3-5000 metre drill program is set to begin May 5th on this volcanogenic massive sulphide Cu-Zn-Au-Ag prospect located near Ashcroft. Rocks are Early Triassic in age and thought to be similar to the Kutcho Assemblage (host of the Kutcho Cu-Zn deposit) in northern BC.

Colden

Clearwater Platinum (Cusac Gold Mines Ltd.) - 6 holes have been drilled so far on this Pt-Pd-Cr prospect located near Little Fort. No results are available yet. The property was included in the area mapped by P. Schiarizza in 2000.

Kettle Valley Stone (Kelowna) - opened a branch sales office in northern California. A contract was landed to supply 25,000 square feet of *Mountain Ash* facing stone to a large condo development at Squaw Valley, Cal. At least 12 people were working in the rock cutting room when visited on May 2. Co. is still awaiting spring road restrictions to be lifted so they can get more raw material from their quarries to meet demand (flagstone sold out since January).

Silver Lake (Christopher James Gold Corp) - The GSB field programs near Little Fort (Bobrowsky et al., and Schiarizza) were discussed in a very positive light at this company's Annual General Meeting held in Kamloops on April 23. The company has raised \$363K and plans to drill test its Worldstock Cu-Au and New Discovery Cu-Ag-Zn prospects this summer. Both are hosted in the Nicola Group.

Blackdome (Claimstaker Resources Ltd./Jipangu Inc.) - The partners have hired SRK Consulting to complete a geological model, resource estimate and "preliminary exploration-risk assessment" of the mine. The work will begin in June. In addition, Claimstaker will change its name to J-Pacific Gold Inc.

#### OUTREACH:

Wiltse Elementary (Penticton) - presented two "fossil, rocks and minerals" lectures to two grade three classes on May 2.

#### **UPCOMING:**

Nicola VMS Compilation Map - Still getting requests for copies of this map from prospectors and company geologists. We are trying to figure out how to publish it as a GSB "Geofile" and make it available on the internet. Bruce Madu is working on solving technical issues.

Cariboo Mining and Forestry Show (May 4-5) - Helping to man the PG/Kamloops Mines Branch booth on Sat 5th.

BC College Instructors Meeting (May 9) - Leading a field trip to Afton Mine for 12-14 instructors.

Mining Week (May 7-12) - Afton Mine reclamation tour for the general public (May 10). KEG is sponsoring a two page newspaper insert and 25 radio ads during the week.

Prospectors Assistance Program conference call (May 11) - Final ranking of PAP applications will be done. About 24 of the 103 applications fall in the South-Central region. (Last year there were 135 in total). So far I have reviewed four.

Cordilleran Ore Deposits Field Trip (May 13-22) - Asked by Dave Lefebure to help lead part of the trip (May 13 14 - Ingerbelle, Copper Mtn, French, Craigmont).

# Mike

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

tel: (250) 828-4566 fax: (250) 828-4726

From:	Cathro, Mike EM:EX
Sent:	Friday, August 12, 2005 5:50 PM
To:	Freer, Geoff EM:EX
Cc:	Hutchins, Julie EM:EX; Brunke, Ann EM:EX; Grant, Brian DB EM:EX; McArthur, Gib EM:EX; Rothman, Stephen EM:EX; Schroeter, Tom EM:EX; Seguin, Joe EM:EX; Stewart, Barbara
	PAB:EX; Berdusco, Ricci EM:EX; Brino, Karina L EM:EX; Freer, Geoff EM:EX; Hermann, Fred
	EM:EX; Lefebure, Dave EM:EX; McLaren, Graeme EM:EX; Van Ek, Christie EM:EX; Wojdak,
Outlinet	Paul EM:EX; Wonders, Glen EM:EX
Subject:	Kamloops update to 8/12/05

## HIGHLIGHTS

- Amarc Resources (Hunter Dickinson Inc) has staked a large block of claims for gold in the Vidette Lake area NW of Kamloops.
- HVC Highmont East Pit expect Mines Act application any day for pit re-opening this fall (~14 million tonnes over 20 months).
- Craigmont inspection (MC & Ed Taje) on geotech and H&S issues. New Mine Manager is Sheldon Henry.
- J&L former operator BacTech suffering from financial difficulties; likely to require seizure of bond and some site clean-up.

#### OFFICE/PERSONNEL/CONTRACTS

- SR in northeast region all week.
- Contractor Ludwig in PG office this week, returning on 15th.
- MC met with AMEC to discuss possible services.
- Working on 6 week Temp Appt for trainee mine/reclamation inspector.

#### PERMITTING, INSPECTION & RECLAMATION

- Some files moved along see stats below.
- Dust complaint at Heffley gravel pit handled by trainee mines inspector MC even did an inspection report!
- Candorado awaiting analytical results and report from AMEC; received files from Victoria with previous legal compilations.
- Lakeview-Dividend awaiting word on bid process for closure plan.

## **HEALTH & SAFETY**

 Appel Estates Quarry (Penticton area) - probable unreported case of flyrock into housing development; requested details and report from mine manager.

#### GEOLOGY

MC discussed Ashcroft area geology with Don Bubar of Avalon Ventures (Toronto), who have optioned Teck's Red Hill property and intend to drill this fall.

Drilling underway on Whipsaw Creek property; application expected for another 5000 m drilling.

## FIRST NATIONS/COMMUNITIES

- Preparing for meeting on Monday with Ts'kw'aylaxw FN regarding GSB field program and hiring of a field asst.
- Strongly negative response from Lytton band on exploration project referral; company to meet with band on 15th.
- 2 members of Xaxl'ip FN to attend Blustry field inspection on 17th with JS and SR.

## NATURAL RESOURCE OPPORTUNITIES CENTRE ("NROC" - formerly Single Point of Contact)

- "Soft opening" this week; Steering Committee meeting on 10th. (AB attended)
- AB reviewed Service Level Agreement
- PG and Nanaimo offices to be opened in December

## UPCOMING

Aug 15 - JS returns from vacation

Aug 16-28 - MC on vacation (JS acting Director)

Aug 16 - AB to train NROC staff on Mineral Titles Online

- Aug 16 Boss Mtn reclamation inspection (SR)
- Aug 17 Helicopter inspection tour Lillooet area (JS and SR)