

**Schroeter, Tom EM:EX**

887556

Silver Lake

**From:** Cathro, Mike EM:EX  
**Sent:** Friday, August 06, 1999 11:48 AM  
**To:** Beresford, Eric EM:EX  
**Cc:** Adams, Rick EM:EX; Britton, Jim; Brown, Derek; Lefebure, Dave; Madu, Bruce; McArthur, Gib; Payie, Garry; Pinsent, Robert; Schroeter, Tom; Lane, Bob; Wilton, Paul; Wojdak, Paul  
**Subject:** Cathro Weekly to 8/6/99

**HIGHLIGHTS:**

Ladybug (82M/03E) - Cross Lake Minerals Ltd. (Jim Miller-Tait) have completed a surface mag and IP survey on this Zn-Pb-Ag prospect located west of Seymour Arm, Shuswap Lake. Results were encouraging and a second notice of work for trenching and possibly drilling has been submitted to this office. Mineralization is stratabound and consists of galena, sphalerite and magnetite in skarned limestone of the Shuswap Metamorphic Complex. (Note: this prospect was discovered by geologist Leo Lindinger in 1998 while working on a Prospectors Assistance grant.)

Pellaire (Int. Jaguar Equities Ltd.) - Approx 800 tonnes of high grade gold ore have been mined from No. 3 vein on this property located SW of Williams Lake. Jaguar's plan is to now truck the ore to smelter, rather than use a gravity separation plant as was originally planned. Surface work may begin early next week on the NW Copper prospect, located adjacent to Tsy:los Park. **The company is receiving threats from locals and natives over their current and proposed activities.**

Christopher James Gold Corp - Co. has appointed a new President, the third in about three months. He is Dave Taylor, a Kamloops businessman. Drilling is still planned for Brassie Cu-Zn-Au-Ag (near Wallachin) and Big Kidd Au-Cu (near Aspen Grove). Trenching is planned for Silver Lake Cu-Au-Ag (near Little Fort).

Heffley Lake (92I/16) - field tour of Cu-Au skarn mineralization and regional geology with D. Lefebure and mappers G. Ray and I. Webster. Garnet-pyroxene-magnetite skarn is developed where siliceous, pyritic dikes (diorite?) intrude grey limestone (Nicola Group?). The magnetite is anomalous in lanthanum and cerium (rare earth elements) and Gerry is studying this deposit to determine if it has similarities to other important iron-uranium-rare earth deposits (e.g. in Chile). To the south of the lake, magnetite-rich mafic intrusive rocks and k-spar megacrystic syenite intrude fossiliferous grey limestone of the Harper Ranch Fm.

Rexspar (82M/12W) - field visit with Lefebure, Ray and Webster to this unusual uranium-fluorite-rare earth mineral property located a few kilometres southeast of Clearwater. The access road is heavily brushed in and has a moderately bad wash-out in one place. No work has been done since the early 90's when American Bullion Minerals attempted to get a permit to do exploration on the main fluorite zone (2.3 million tons grading 21.3 % fluorite is reported). Uranium mineralization occurs in separate (but adjacent) zones to the fluorite, and is hosted in pyrite and phlogopite altered, brecciated, k-spar rich trachytic syenite.

*Mike*

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**Schroeter, Tom EM:EX**

TJS → Reg Mar  
- Kamlog

**From:** Adams, Rick EM:EX  
**Sent:** Friday, February 09, 2001 3:53 PM  
**To:** Anderson, Duane; Beswick, Ed; Booth, Richard; Braidwood, Brian; Carr, Chris; Carter, Tom; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Ferguson, Susan; German, Gerald; Guthrie, Shelley; Hall, Ted; Hermann, Fred; Hesketh, Joan; Hoffman, Al; Jorgensen, Sharon; Kilmartin, Sandra; Lewis, Jim; Lieutard, Denis; McArthur, Gib; McKillop, Greg; McLaren, Graeme; Nash, Laurel; O'Rourke, Patrick; Poohachoff, Walter; Readshaw, Kerry; Rennie, Lorna; Roberts, Steve; Schroeter, Tom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Whale, Andrew  
**Cc:** Britton, Jim; Cathro, Mike; Heistad, Ray; Horton, Russ; Ludwig, Allan; Madu, Bruce; Mehr, Eugene; Murton, Patricia; Rothman, Stephen; Seguin, Joe; Wallis, Yvonne; Worsfold, Joyce  
**Subject:** South Central Region to February 9/01

**Issues:**

**Highland Valley Copper-** 3 native hunters shot a moose within the posted "no shooting" area of the mine. MELP was notified and the moose and firearms were seized. Charges will likely be filed. This is the third incident within two years of hunters shooting animals within the posted area. Charges have been successful in the previous two incidents. An investigation will be held next week.

**Vieira Pit (Osoyoos Aggregates Ltd.)-** has operated since 1994 without ALC (now LRC) approval or a Mines Act Permit. Ninety days notice given to obtain LRC approval and post security, and obtain a Mines Act Permit, or a Stop Work Order will be issued.

**Slate Group (Golden Spike Exploration), Tulameen-** Stop Work Order issued for unauthorized section of road construction.

**FYI:**

**First Nations, Sun Peaks-** media reports Chief Stewart Phillip, president of the Union of BC Indian Chiefs, sent a letter to MuchMusic HQ suggesting they find an alternative location, "in the interests of peace and public safety", for their nationally televised music festival, SnowJob 2001, planned for Sun Peaks. Media reports also of altercations between cross-country skiers and First Nations protesters.

Also at Sun Peaks, a recently constructed bridge for the logging of ski runs on Mt. Morrisey, as part of the \$70 million expansion project, was set on fire- RCMP seeking to determine the responsible party.

**Broken Hill (Cassidy Gold Corp.)** - 13 holes totalling 933.3 m were drilled on this zinc-lead target north of Avola. A news release stated that "only sub-economic intervals of sulphides were intersected". Cassidy President Jim Gillis advised all 13 holes tested a gravity anomaly BETWEEN the Vista and Navan showings. Magnetics, geological mapping and soils will be done prior to further drilling, probably in the summer.

**Christopher James Gold Corp** - raised \$335,000 through a private placement. Funds will be used for the PGR (Silver Lake), Big Kidd and perhaps other projects in southern BC.

**Verity Tantalum-Niobium Occurrence (Commerce Resources)** - discussions with Mineral Titles about mounting concerns/questions regarding the quality of staking of this large group of properties (total about 430 units) located north of Blue River. Commerce Resources is a private company which is attempting to go public via an IPO. Interest is increasing in tantalum because the price has risen in recent months to the US\$450/lb range. The Verity carbonatite occurrence is reported to have a resource of 2 million tonnes grading 0.02% Ta2O5 and 0.118% Nb2O5.

**Candorado, Hedley-** MEM has sent an Invitation To Quote to four potential contractors to construct safety and security fencing around the collection ponds by March 31.

Schroeter, Tom EM:EX

TG → RG  
- Kamloops

**From:** Cathro, Mike EM:EX  
**Sent:** Friday, June 15, 2001 12:33 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 6/15/2001

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**HIGHLIGHTS:**

**New Opal Occurrence** - field visit on 6/10 to the "What Mine" prospect, a "new" (rediscovered anyway) opal occurrence near Opax Mountain inside the Lac Du Bois Park, a few kilometres north of Kamloops. The opal occurs in vesicles in volcanic breccia of the Eocene Kamloops Group. Fire of green, blue and red iridescence is commonly present in the clear, amber brown or white opal. The prospect consists of an old pit (1 m by 10 m in size) and was found by a couple of young fellows who would like to have the area removed from the park. A 100 Ha boundary change would enable small scale mining for local jewelry manufacture.

**Silver Lake (Christopher James Gold Corp.)** - Field visit on 6/14 to this large property near Little Fort, along with Paul Schiarizza (GSB) and Ron Wells (consultant). Up to \$200,000 could be spent this year. Excavator trenching and drill road construction is nearly complete on the **Worldstock Cu-Au prospect**, found by Prospector Paul Watt in 1996. The work is designed to test a 1200 m long (open to N and S) by 200-300 m wide area with coincident copper-in-soil and IP chargeability anomalies. Outcrop is very sparse, but previous sampling in a hand trench returned 0.78% Cu over a 3 x 4 m panel. Host rocks are mainly augite-phyric mafic volcanic breccias of the Nicola group.

The 2001 trenching has encountered significant widths (>50-100 m) of pervasive sericite-pyrite alteration (1-5% py) cut by a stockwork of narrow (1 mm-2 cm), locally drusy, quartz-ankerite-pyrite-chalcopyrite veinlets. Some of the veinlets have margins of black tetrahedrite (?) which may explain locally high gold and silver values in soil results. Moderately magnetic, fine to medium-grained augite-hornblende-plagioclase phyric outcrops occurs a few hundred metres to the east of the showing and may represent a microdiorite dike or sill (or a thick flow). The size and pervasive nature of the phyllic alteration and stockwork vein zone suggests that this is a relatively strong, and perhaps shallow hydrothermal system. The overall style of mineralization is reminiscent of a porphyry, however, so far, no undeniable intrusive rocks have been found. Drilling planned for early July will hopefully show that the Worldstock prospect carries potentially economic Cu and Au values.

We also visited the **New Discovery A & B** float occurrences near Portage L to the west, but not much could be seen because trenching has not started. Two areas of oxidized float boulders, one km apart, were found on old logging roads by Paul Watt in July 2000. (*An interesting aside: Watt was working on his PAP grant program at the time and was walking in to prospect on his Spider claims, located a few hundred metres to the south of the showings*). The float boulders consist mainly of crudely banded limonite and massive chalcopyrite-pyrite with rounded fragments of quartz. They carry very high values in Cu (to 12.2%) along with anomalous values in Ag (to 117.9 g/t), and Au (0.53 g/t). Recent sampling has also shown that nearby outcrops and float of locally pyritic, green-banded cherty siltstones and tuffs (calc-silicate?) carry anomalous Cu (to 2300 ppm), Zn (to 1.3%) and Au (to 300 ppb). IP and VLF surveys were done in the winter and geological mapping, trenching, prospecting and drilling will take place this summer.

**Mike**

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TGS → RG  
- Kamloop

## Schroeter, Tom EM:EX

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**From:** Cathro, Mike EM:EX  
**Sent:** Thursday, August 09, 2001 1:16 PM  
**To:** 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 8/9/2001

### HIGHLIGHTS

**Little Fort Field Trip (8/10/2001)** - an all day field trip for about 20 people, led by P. Schiarizza and M. Cathro, will describe geological work by the GSB in the area northwest of Little Fort. Schiarizza is in year two of a three year bedrock geology mapping project. Several active prospects will also be visited. In addition, R. Paulen will attend to help discuss glacial geology and till geochem results from the 1998 and 2000 Open File releases. Exploration activity in this area is relatively strong this year with three prospects being drill-tested for the first time - Worldstock, Discovery A and Demers (Crazy Fox).

**Highland Valley Copper Open House** held 8/6/2001 with several thousand people attending. It is an annual event that includes excellent tours of the mine, mill, shop, tailings dam and reclaimed areas. There were also fun activities for kids (prospecting for samples, clowns etc.), static displays of mining equipment, and demonstrations by the mine rescue team.

**Silver Lake (Christopher James Gold Corp)** - Field visit on 8/8 with P. Schiarizza. Drilling of the first hole (of six) into the "Discovery A" copper prospect had just been completed. We were able to view the trench where this newly discovered high-grade copper vein is exposed. The vein is 30-60 cm wide and contains patchy zones of massive chalcopyrite with minor pyrite and magnetite in a gangue of multiphase, locally vuggy quartz and calcite. Smaller, parallel veins are present a few metres to the south and there is some pyrite-chalcopyrite disseminated in the wallrock. The main vein appears vertical and strikes northwesterly (325 degrees). Alteration of the host mafic volcanic consists of chlorite, pyrite and magnetite. Chip sample results reported by the company range up to **15.3% Cu and 177 g/t Ag over 0.55 m** and **3.75% Cu and 36.3 g/t Ag over 2.45 m**. Coincident VLF, soil and IP anomalies extend for at least 700 m along strike suggesting that there is good potential for a very long zone, however, much greater widths will be needed in order to develop a significant tonnage. Nevertheless, this was a very good technical discovery and illustrates the potential for new discoveries in the Little Fort area.

**Barriere Star Journal Interview** - short interview with a reporter from the Barriere newspaper. We discussed the mineral exploration activity and the MEM survey work in the Little Fort area. Should come out on 8/11.

**Pongo (Verdstone/Molycor)** brief field visit on 8/7. I was able to briefly view core from holes 1-6. Unfortunately, drilling of an additional 4 holes had not yet started, despite advice from the company that it was to start on 8/3.

### Mike

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## Schroeter, Tom EM:EX

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**From:** Cathro, Mike EM:EX  
**Sent:** Friday, October 05, 2001 3:46 PM  
**To:** Adams, Rick EM:EX; Britton, Jim MSRM: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 10/5/01

### PROSPECTORS ASSISTANCE PROGRAM:

**John Kerr** - ~~broke his leg rollerblading~~. Most of his work had been completed but he sent his partner W. Gruenwald back to the Perry River area to do a bit more sampling for Tantalum-Niobium. Encouraging results so far.

**Neil Church** - receiving encouraging results on zeolite prospects in the Okanagan. Possible deal pending.

**Leo Lindinger** - evaluating several stratabound zinc prospects in the Raft River area. His program is nearly complete.

### FIELD:

**Poet (Cleve Lowry, PAP)** - spent one day in field sampling and mapping this carbonate-hosted zinc prospect near Adams Lake. Results will form the basis for a short paper in "Exploration and Mining in BC - 2001" promoting this target in the Lower Cambrian Tshinikan member of the Eagle Bay Assemblage.

### EXPLORATION ACTIVITY:

**Pothook (DRC Resources)** - Notice of Work for several drill holes south of the Pothook pit. Teck Corp drilled here in 1998 to follow up some anomalous Au values in altered Nicola volcanics.

**Silver Lake "Discovery B" (Christopher James Gold Corp)** - drilling of 4 holes completed so far. Total program should be about 8 holes and 1000 m.

**Santoy Resources** - Assisted Adam Travis and Dave Mehner of Santoy in compiling information on several new copper-palladium-platinum targets in southern BC. Staking underway?

**Jim Oliver** - Nice email to Ron Smyth thanking Cathro/Madu for our assistance in getting information for his work near Revelstoke. Jim normally works for the Hunter Dickenson Group but is considering acquiring ground for himself and/or investors.

**Getty South (Getty Copper Corp)** - Small geochem/mapping program underway (claim maintenance only?)

### OTHER:

**Advanced Prospecting School** - Discussed possible venues with Dave Lefebure (GSB) and Rob Stevens (BCIT). They are looking into sites in Brookmene, Merritt, and Grand Forks areas. Pulled together geological information for them on the Nicola Lake area.

## Mike

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### Note new telephone numbers

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## Schroeter, Tom EM:EX

YOS → RG  
Kambo

**From:** Cathro, Mike EM:EX  
**Sent:** Friday, December 07, 2001 2:15 PM  
**To:** Adams, Rick EM:EX; Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie, Garry; Schroeter, Tom; Smith, Don; Smyth, Ron EM:EX  
**Subject:** Cathro Weekly to 12/7/2001

new **HIGHLIGHTS:**

**Prospect Valley (Fairfield Minerals Ltd.)** - Co. reported a discovery of epithermal gold-silver mineralization in float boulders over an area of 1 square km, located 50 km west of Merritt. 40 claim units were staked. Grab samples run up to 43.34 g/t Au plus anomalous silver, arsenic, antimony and molybdenum. (Cathro comment: this appears to be a brand new discovery - there are no MINFILE or ARIS nearby, although there is a 150 ppb Au RGS anomaly in a creek draining the property. The area is underlain by PTR granodiorite (Mt Lytton Complex) and IK andesitic volcanics (Spences Bridge Group)).

**Elk (Fairfield Minerals Ltd.)** - also reported discovery of two new high-grade vein occurrences on the Elk property east of Merritt. Trenching in the **Siwash East** area, 1.7 km east of the past producing Siwash North mine, encountered a 20 cm vein which returned 21.7 g/t Au and 32.9 g/t Ag over a 0.5 by 0.5 m panel. Trenching in the **Gold Creek West** area encountered a 30 cm quartz vein which graded 20.5 g/t Au and 59.6 g/t Ag from a 0.8 by 0.5 m panel. A 9500 m, three stage drilling program on three main target areas has been recommended by Leo King, consultant.

**Afton (DRC Resources Corp.)** - Results released for hole 46 which was "drilled diagonally to the mineral zone" (-76 degrees at 210 azimuth). As expected, the hole intersected a very long zone of good mineralization. From 324 to 667 m the hole cut 343 m (1124 ft) grading 1.35% Cu, 0.82 g/t Au, 1.9 g/t Ag, and 0.07 g/t Pd. (Cathro comment - nice intersection but the hole was probably drilled almost down the plunge of the mineralized body)

**Eco-Tech Laboratory** - Frank Pezotti has retired and the lab has been purchased by long time employee (and current KEG director) **Jutta Jealouse**. She is one of two assayers at Eco-Tech. They will continue to provide assaying and environmental analyses from the same location on Dallas Drive, east of Kamloops.

### EXPLORATION NEWS:

**Worldstock-Silver Lake (Christopher James Gold Corp)** - results were (finally) released for 7 drillholes and several trenches completed in June and July, on this porphyry/stockwork copper prospect located north of Little Fort. The holes hit broad zones of pervasive phyllic-argillic alteration in Nicola volcanics, with narrow cores of potassic alteration (and better copper mineralization) centred on crowded feldspar porphyry dikes. Pyrite mineralization is widespread. Several of the holes cut narrow zones of copper mineralization such as 0.38% Cu over 10 m and 0.17% Cu over 20.9 m. The holes were very widely spaced and the anomaly is very large, so additional work is likely. (Cathro comment: they appear to be on the periphery of a porphyry system - they need to locate the intrusive source of the cfp dikes - hopefully that larger intrusive body will have more widespread copper)

### OTHER ACTIVITIES

**Jesmond Limestone** - provided geological and resource info to an Alberta client who is evaluating this deposit on behalf of a major Canadian lime producer.

**Prospectors Assistance Program** - approved final report and payment for J. Kerr. Another from C. Lowry is awaiting my attention.

**BC Mineral Exploration Review 2001** - reviewed this paper which will be handed out at Roundup. It is authored by Tom Schroeter, the RGs, George Simandl (industrial minerals) and Barry Ryan (coal).

**Tantalum Market and Resources: An Overview** - reviewed this paper by George Simandl, to be published in Geological Fieldwork 2001.

**Mike**

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