

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Monday, July 07, 2003 8:02 AM
To: 'Glen Garratt'
Subject: RE: Gold in BC 'Handout' (OF 2003-5)

Good, Glen. Now, we have to meet sometime before the 16th to discuss YOUR "Porphyry" session at Roundup next year. I'm around all week and probably next.

Tom
 Tom Schroeter, P.Eng./P.Geo.
 Senior Regional Geologist
 Resource Development Division
 Ministry of Energy and Mines

Direct Telephone 604 660-2812
 Messages & Enquiries 604 660-2708
 Facsimile 604 775-0313
 email tom.schroeter@gems6.gov.bc.ca
 Autotel 604 662-9091

-----Original Message-----

From: Glen Garratt [mailto:ggarratt@eastfieldgroup.com]
Sent: Wednesday, July 02, 2003 10:59 AM
To: Schroeter, Tom EM:EX
Subject: Re: Gold in BC 'Handout' (OF 2003-5)

Tom: thanks for the new map copies; I agree, only selective properties should make it, Crow-Howell are still prospects. I received a copy of Jepsen's memo re London trip; sounds pretty good but with a \$5,000 price tag might be hard to pull around here. I am going to talk it over with the group and see if we can't put a name in; if we could arrange some meetings during the trip it might be very useful; by September I hope we are on our way to better times. The field tours are over and we await the outcome.

Glen

----- Original Message -----

From: "Schroeter, Tom EM:EX" <Tom.Schroeter@gems6.gov.bc.ca>
To: "Mustard Don (E-mail)" <amustard@attcanada.net>
Cc: <ggarratt@eastfieldgroup.com>; "Pardy, Jamie EM:EX" <Jamie.Pardy@gems9.gov.bc.ca>
Sent: Friday, June 27, 2003 8:26 AM
Subject: Gold in BC 'Handout' (OF 2003-5)

>
 > Gentlemen - thanks for pointing out and your concern over the 'omission' of
 > LORRAINE on the "Location Map of Selected Auriferous Deposits in BC". My
 > fault, sort of. If you look closely in the bottom left hand corner of the
 > figure, you'll notice the reference - "Schroeter and Pinsent, 2000" (i.e.
 > plotted/printed in 1999). Unfortunately this figure is one of the ones
 > that
 > did NOT get updated for OF 2003-5. We are doing so now and will get a
 > 'revised' copy to you by next week. Also, as you can appreciate, the
 > "selected" category only includes (significant) deposits with production
 > and/or resources identified in excess of a certain 'threshold'. This is
 > why
 > Crowsnest/Howell Creek is not on this map, plus others.
 >
 > Tom Schroeter, P.Eng./P.Geo.

Schroeter, Tom EM:EX

TGS → Lonahne.

From: Glen Garratt [ggarratt@eastfieldgroup.com]

Sent: Monday, May 26, 2003 2:23 PM

To: Schroeter, Tom EM:EX

Subject: thematic mapper

Tom: thanks for the image you sent me; very intriguing. Did you notice the higher reflectance areas that appear to be outlining domal features. These look like spherical uplifts and if my eye isn't playing games it looks like a small auriole feature is just visible near the top of one of the domes. It is a shame that so much of the image is dark as it makes complete interpretation difficult. This is something we would all like to get a little further into I'm sure. Interestingly it seems very obvious that a major fault runs up the image to the west of the domal features and from the looks of the terrain I would have to say that there is a much older package thrust in from the west.

A remarkable scene and I'm surprised you could get it. If you need any interpretive work or consulting in a follow-up exploration program let me know.

Glen Garratt

2003-05-26

Schroeter, Tom EM:EX

V1B → LORRAINE

From: Schroeter, Tom EM:EX
Sent: Thursday, May 09, 2002 2:31 PM
To: 'Jay Page'
Subject: RE:

Hi, Jay. "BC Mineral Exploration Review 2002" in the mail! Apparently it's on the website, but I hear lots of comments from folks how difficult things are to find on it. Things are looking much rosier from the Industry standpoint this year (already). From the government side - time will tell. Hopefully will see you in the field somewhere. Take care and have a good summer. Tom.

-----Original Message-----

From: Jay Page [mailto:jaywpage@hotmail.com]
Sent: Thursday, May 09, 2002 2:17 PM
To: Schroeter, Tom EM:EX
Subject:

Hi Tom;
I wasn't able to make it to the Round-up this year, but was wondering if the BC Mineral Exploration Review (2001/2002?) was produced this year. I can't find it on the BCGS website, if it's available I'd like to get a copy of it and/or the web-address to down load.

I hope to be back up on the Lorraine property this summer if all goes well on Howe street. Certainly our March drill results should make raising money easier for Eastfield. In the meantime, do you know of any exploration projects starting up that need a field geologist?

Thanks
Jay Page

If there's a copy of the Mineral Exploration Review available my address is:
Jay Page
8201 Kalview Drive
Coldstream, BC
V1B 1W8

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

VOS → AG
- Prince
George

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Tuesday, February 19, 2002 2:38 PM
To: Beswick, Ed; MacDonald, Ken; McBride, Brian; McGrath, Brian; McIntyre, Ken EM:EX; Morgan, David; Pittman, Ed; Pow, David; Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul; Brown, Derek EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX
Subject: Lane Weekly to Feb. 19/02

Lane Weekly Report to February 19, 2002

Exploration News

Navasota Resources has just completed a 7-hole NQ drilling program on its Fran porphyry-related Au-Cu prospect north of Fort St. James (visited Feb. 15/02). Three holes tested the Roadside showing area and four holes evaluated the Mid-ridge Au-Cu anomaly. Mineralization is related to an Early Jurassic granodiorite-quartz diorite stock that has intruded and thermally altered enclosing U. Triassic Inzana Lake fine-grained volcanic sediments. Disseminated and weak stockworks and veinlets of pyrite-chalcopyrite occur in pyrrhotite-bearing biotite hornfels, brecciated zones of the intrusion and in shears/veins. Assays have not been released; a phase two drill program is pending.

Northgate Exploration intends to conduct a major multi-drill exploration program on the Kemess North porphyry Au-Cu deposit beginning in the late spring (visited Feb 12-13/02). The drilling program will cover a strike length of about 2.5 km, from the West Cirque area to the East Cirque area following a 050-degree trend. Some of the holes will be infill, while others will test peripheral targets including Nugget and Kemess East.

Northgate Exploration and Doublestar Resources announced that they have formed a strategic alliance to develop the Sustut Copper deposit, located 65 km by road route south of the Kemess mine. A feasibility study will be undertaken to finalize remaining permitting, mine development, milling transportation and economic issues. Procon Mining and Tunneling would be contracted to develop the site. Weak copper prices may hold this project hostage!

Eastfield is about to begin a 3-4 hole drilling program on the Lower Main zone at its Lorraine Cu-Au property located in the Swannell Ranges northwest of Germansen Landing. This short program will follow up the excellent results from last year.

Redcorp Ventures
Redhawk Ventures has staked the Hawk property located 60 km NW of Germansen Landing. The property is underlain by the Duckling Creek syenite complex and is host to both high-grade gold veins and alkalic copper-gold porphyry mineralization. Previous work including diamond drilling, by Amoco and UMAX in the 1970s, focused on the copper-moly potential of the property, but the companies did not assay for gold. Exploration by Cyprus (Gold) Canada and Castleford Resources in the 1990s focused primarily on high-grade gold veins, although copper-gold porphyry potential of the property was also recognized. Surface samples up to 96 g/t Au over 3 metres and drill assays up to 19.9 g/t Au over 1.5 metres were recorded. An exploration program focused on the high-grade gold potential of the property is being planned for this field season.

Bob Carmichael

The Prophet River (MINFILE 094G 017) germanium-gallium-zinc prospect has been acquired by Strategic Metals Ltd. The property lies 55 km west of the Alaska Highway. Mineralization occurs in silicified and/or brecciated Devonian limestone. Strategic intends to aggressively explore the 14-unit property this summer.

Carbo
Gold
QZ.
International Wayside Gold Mines has submitted a NoW that outlines a 6,000 metre diamond drilling program on

Schroeter, Tom EM:EX

VB → RG
- Prince
George

From: Lane, Bob EM:EX
Sent: Friday, March 15, 2002 4:36 PM
To: Beswick, Ed; MacDonald, Ken; McBride, Brian; McGrath, Brian; McIntyre, Ken EM:EX; Morgan, David; Pittman, Ed; Pow, David; Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul; Brown, Derek EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX
Subject: Lane Weekly to March 15, 2002

Lane Weekly Report to March 15, 2002

Exploration News

Rubicon Minerals Corporation has optioned its **Axelgold** property, located in the Axelgold Range 55 km N of Talka Landing, to Wheaton River Minerals Ltd. The property is dominated by an alkalic(?) porphyry system of probable Cretaceous age that intrudes structurally complicated volcanics, sediments and carbonates of the Cache Creek and Takla groups. Rubicon will be operator for the initial \$1 million in exploration expenditures, \$350,000 of which is to be spent this field season. A 2000-metre phase one diamond drilling program is scheduled for July, 2002.

Eastfield has completed a two-hole, 430-metre diamond drilling program on the Lower Main zone at its **Lorraine** Cu-Au property located in the Swannell Ranges northwest of Germansen Landing. Both holes were dominated by syenite with lesser pyroxinite. Assay results are pending. Program proceeded with little difficulty, despite difficult terrane and sub -30 degree temperatures. A second phase of drilling is anticipated for the early-mid summer.

Conference Plans

Approval for attendance at **Calgary MEG** (April 23-25) has been granted. Posters reviewing Northeast-Central Region Mining and Exploration Highlights and Copper-Gold Porphyrys in the Tooodogone and Nation Lakes areas will be displayed.

Staff Changes

Brian McGrath (MRO) is departing for the greener(?) pastures of industry. He will be sorely missed.

*Bob Lane
Regional Geologist
Prince George*

Schroeter, Tom EM:EX

TFS → RG
— Pr. Geo.

From: Schroeter, Tom EM:EX
Sent: Saturday, September 15, 2001 8:56 AM
To: Lane, Bob EM:EX
Subject: RE: Lane "Weekly"; Kemess North News

Good report, Bobbie. The Kemess results sound great! Good day on the course yesterday. The only "Vancouver" person (he drove) that made it was Dave Caulfield. He's coming up North with Paul and I, in part to show us his Tide and RDN properties. We leave today at noon. Hope everything is set for your Japan trip.. If you get a chance before you leave, I would reall appreciate i) coal expl'n stats; ii) comments/updates on my tracking expenditures form for your region. Have a great trip. Tom.

-----Original Message-----

From: Lane, Bob EM:EX
Sent: Friday, September 14, 2001 3:50 PM
To: Brown, Derek EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX; Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul
Subject: Lane "Weekly"; Kemess North News

Kemess. Visited Sept. 6 with Tom Schroeter. Chief Mine Geologist Mike Hibbitts was on-site. Northgate has completed 10 holes on the Kemess North zone this year and has just begun a 'next phase' program of HQ and NQ drilling that will continue as long as weather permits (up to 6 more holes). Drilling has extended the zone to the northeast beyond last years 'optimized pit' and resource of 360 Mt. Present interpretation is that the zone has a NE-trend and is relatively flat-lying or somewhat dome-shaped. Late extensional faults have broken the zone into a series of panels. Previous interpretation was that the zone had a E-SE trend. Mr. Hibbitts was very quiet regarding assay results and did not wish to have us examine any drill core from the most recent holes. Some pre-feasibility work has been completed on Kemess North zone. Look for a news release with significant (exciting?) assay results soon!

And here's the news: assays from eight holes have been reported with some **tremendous** results. Six of the holes were collared outside of the present Kemess North resource and will add substantially to the tonnage and grade of the deposit. The most impressive result was a 177.8-metre intersection in hole KN-01-10 that graded 1.249 g/t Au and 0.51% Cu (starting at a down-hole depth of 314 metres). Other results include:

- hole KN-01-06: 186.6 m grading 0.595 g/t Au and 0.275% Cu starting at a down-hole depth of 299.8 m (within 571.8 m interval grading 0.400 g/t Au and 0.195% Cu);
- hole KN-01-07: 209.8 m averaging 0.816 g/t Au and 0.368% Cu starting at a down-hole depth of 289.1 m, and
- hole KN-01-09: 192.7 m averaging 0.623 g/t Au and 0.261% Cu starting at a down-hole depth of 205.7 m.

Results actually boosted trading of NGX stock and drove the price up to \$1.23, for a two-day gain of \$0.18.

Baker. Visited Sept. 7 with Tom Schroeter. Project Engineer Ed Craft was on site. Sable Resources has completed mining and milling of 1400 tons of mineralized material from the A and B veins. Average head grade is a reported 1.3 ounces/ton gold-equivalent. Approximately 800 tons were mined from surface on the A vein and about 600 tons were recovered from the open cut on the B vein. Dore will be produced from A vein ore and a concentrate will be generated from the more sulphide-rich B vein ore. Several lines of IP were added to B zone and a couple of targets, that may be a projection of the B vein, will be drilled in the next couple of weeks.

Lorraine. Visited Sept. 7-8 with Tom Schroeter. Project Geologist on-site was Jay Page. Eastfield Resources is about to begin another phase of diamond drilling on the Lorraine property located northwest of Germansen Landing in the Duckling Creek Syenite Complex of the Early Jurassic Hogem batholith. Earlier

in the 'summer' Scott Geophysics completed approx. 18 line-km of IP in several areas of the 1000-unit property (Bishop, All-Along-Dome, Ridge and North Cirque, BM, Page, Lorraine Ridge, etc). Ten NQ holes totaling 1808 metres have been drilled on three zones (Lower Main, Upper Main and Bishop) in an attempt to connect the zones and develop more tonnage.

The present resource stands at an estimated 32 Mt grading 0.66% Cu with Au credits). Examined core from several holes (assays not yet released). Hole L01-56 was drilled into the Lower Main zone and intersected an impressive-looking interval of net-textured chalcopyrite-pyrite in biotite pyroxenite. A narrow, weakly mineralized grey syenite dyke cuts the pyroxenite. Locally these dykes carry multi-gram gold grades. Several different phases of syenite are known (i.e. f-gr grey foliated syenite, c-gr trachytic biotite syenite, pink pegmatitic syenite, etc), but a pink m-gr equigranular variety, well exposed at the Bishop zone, may be the most consistently mineralized. A weakly mineralized magnetite breccia is also exposed at the Bishop zone. All varieties of syenite appear to post-date the pyroxenite, but ductile (migmatitic?) textures predominate suggesting that a semi-plastic 'kneading' of part of the deposit took place. This may have resulted in disjointed, lens-shaped zones. Some of the syenite-hosted mineralization may have been remobilized from pyroxenite; some is porphyry-style (disseminated, vein and fracture-hosted). Lorraine certainly is not your typical porphyry deposit, but is more of a magmatic or 'roots of the porphyry' system.

Duncan. Flew over this 40-unit property immediately south of the Omineca River (and the Lorraine property) that was recently staked by Richard Haslinger Sr. Property is underlain by Early Jurassic intrusive rocks of the Hogem batholith and hosts zones of high grade copper in veins and shears.

Alroy. Spoke with Jim Lewis of Card JM Resources regarding an exploration project planned for the Alroy silica prospect west of McBride. An RC drilling program is planned for October. Between 70 - 100 holes will be drilled on 200 foot centers covering the main cleared area on the 206-unit property. The drilling program is intended to prove up a minimum 100 Mt of high grade silica. Geology consists of Cambrian(?) Yanks Peak Formation. Financing is apparently being provided by a series of US-based investors.

Pine. Spoke with Stealth Minerals project geologist David Blann and it appears that a drill program will not proceed this year on the Pine alkalic porphyry copper-gold prospect, located about 20 km north of Kemess mine. It's unfortunate, especially given the recent exciting results at the Kemess North zone, which is only 13-14 km south of Pine.

Fran. Office visit with Lorne Warner (ex-Placer Dome) who's company Navasota Minerals Ltd. is earning a 60% interest in the Fran porphyry-related Au-Cu project from Cassidy Gold. Cassidy originally optioned the property from Richard Haslinger of Ft. St. James. A 6-10 hole diamond drilling program is being considered for mid-October.

Silver Pond / Lawyers. Small program of sampling, geological mapping is being conducted by Guardsmen Resources on a geophysical anomaly that lies between (and connects?) the Cliff Creek zone at the former Lawyers mine and the Silver Pond (east) area. Earlier work by E & B and St. Joe had identified some encouraging mineralization in this area.

Woodjam. Fjordland (Vic Tanaka) has optioned the Woodjam porphyry copper-gold prospect, located near Horsefly, from Eastfield Resources and are currently visiting the property. A 20 line-km IP program has been proposed.

Cariboo Regional

Richfield Resources continues to prospect and sample many of their claims in the Cariboo. Raising money is still difficult and may hamper their ability to conduct further exploration this year.

Prospectors Assistance Program

Schroeter, Tom EM:EX

TGS → RG
— P. Gell

From: Schroeter, Tom EM:EX
Sent: Friday, July 13, 2001 7:47 AM
To: Lane, Bob EM:EX
Subject: RE: Lane Weekly

Nice report, Bob - thanks. Tom.

-----Original Message-----

From: Lane, Bob EM:EX
Sent: Thursday, July 12, 2001 4:07 PM
To: EM MB Prince George DL; Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul; Brown, Derek EM:EX; Jones, Larry EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX
Subject: Lane Weekly

Lane Weekly Report to July 12, 2001.

Mining News

Mount Polley. Visited July 4 with Tom Schroeter. Mining will continue to end of September and milling will extend into October. Stripping of Springer pit (mineralized, but very high copper oxide-sulphide ratios) required before sulphide-rich material is exposed. Mine will run a ~ 60,000 tonne bulk sample of Springer oxide to determine if there are any milling methods that can be utilized to significantly increase copper yields. There are 1-2 benches left to be mined at the bottom of the Cariboo pit before the zone is mined out. Four benches of material remain at Bell before it is completely mined out. Also stopped at two nearby prospects that may tie in with future developments in the Likely area: examined trenches on the Lloyd-Nordik property that expose the Lloyd 2 zone. This zone trends onto Imperial Metal's ground where it has not yet been tested. Briefly looked at the LE zone on the Spanish Mountain property where Imperial Metals mined a 1950 tonnes bulk sample last year.

Exploration Monitoring

Bonanza Ledge. Visited with Tom Schroeter on July 5. International Wayside has completed 9 drill holes totaling 1989 metres on the Bonanza Ledge high-grade gold target near Wells. Assay results released for holes BC01-06 to 08 were released. This fence of holes cut 'Bonanza Ledge-style' alteration (moderate to intense dolomite/Fe-carbonate-sericite alteration) some 150 metres to the southeast of the previous limit of the zone and on the east side of the Waoming Fault. A well-mineralized interval of pyrite-replacement material on the hangingwall of the BC vein, graded 15.5 g/t Au over 4.5 metres. Hole BC01-09 was drilled 'down-dip' to test for continuity of mineralization and intersected two zones--an upper one that averaged 3.29 g/t Au over 19.9 metres and a lower one (assays not yet released).

Mosquito Creek (Kutney zone) visited with Tom Schroeter on July 5. Island Mountain Gold Mines was drilling hole 7 of a ?-hole program in the vicinity of the Kutney zone, an area that received a fair bit of work, including drilling and blasting by Hudson Bay, back in the mid-1980s'. Showing displays narrow, gold-enriched polymetallic sheeted veins and highly oxidized 'pyrite-replacement' mineralization of uncertain dimensions.

Jewelry Shop-Hibernian-Skarn prospects. Examined these very well-exposed vein showings currently owned by Nugget Mountain (Mike Danroth) with Tom Schroeter and others on July 5. Nugget Mtn. has begun to establish a baseline and grid over the central part of the claims that cover the showings and possible extensions to them. Most of these were exposed by Chaput Logging in the early-mid 1980s and drilled as late as 1989 (by Loki Gold). The area is underlain by Hardscrabble Mountain rocks, the same lithologies that host Bonanza Ledge. The quartz-Fe-carbonate-sulfide veins are similar to those seen elsewhere in the camp and grab samples, particularly of aspy-bearing material produce high-grade gold assays. Alteration and deformation are also consistent with well-mineralized, and in some cases previously mined, occurrences.

Grouse Creek (Au claims). Golden Cariboo Resources plans to conduct a broad regional program over their claims that cover the Grouse Creek drainage, a significant past-producing placer gold area, along trend to the southeast of Bonanza Ledge.

Lorraine. Eastfield has mobed a camp to the property and has begun low elevation work (still lotsa snow!), including IP, on a number of alkalic porphyry copper-gold+/-PGE targets, including Bishop, Lower Main, North Cirque, Page and All-Along-Dome. Diamond drilling is expected to start in early August with Upper Main, Bishop and Lower Main zones being the main