

884489

→ Katie

Schroeter, Tom EMPR:EX

From: Doublestar Resources Ltd. [info@doublestar.net]
Sent: Tue, May 9, 2006 10:55 AM
To: Schroeter, Tom EMPR:EX
Subject: Doublestar Resources Enters Option Agreement for Copper-Gold Property



Doublestar Resources Enters Option Agreement for Copper-Gold Property

May 9, 2006

Vancouver, British Columbia - Doublestar Resources Ltd (TSX-V:DSR) has entered into an option agreement with Valterra Resources Corporation ("Valterra") in connection with the Swift and Katie claims which cover the Katie copper-gold porphyry deposit located near the town of Salmo southeastern British Columbia.

Doublestar has a 22.5% interest in the joint venture (the "Vendor") that owns the Claims.

Under the terms of the agreement, Valterra can earn a 60% interest in the Claims by spending \$600,000 on the Claims and paying \$120,000 and 440,000 shares to the Vendor. To earn the remaining 40% of the Claims, Valterra is required to spend a further \$900,000 and pay a further \$120,000 and 550,000 shares to the Vendor. The Vendor will retain a 2% NSR in the event of Valterra earning a 60% interest, and a 3% NSR in the event Valterra earns a 100% interest in the Claims. After 2010, advance royalties are payable rising to \$50,000 annually after 2012.

Geochemical and geophysical surveys and 14,000 meters of diamond drilling have combined to generate the Katie deposit, a copper-gold anomaly approximately 8 kilometers by 2.5 kilometers in size. Diamond drilling has outlined two mineralized areas, the Main and 17 zones. Among other drill holes in the Main Zone, NKT 91-13 intersected 132.6 m of 0.22% copper and .308 gpt gold, while in the 17 Zone, NKT 91-17 intersected 67.7 m of 0.32% copper and .308 gpt gold.

About Doublestar Resources

Doublestar Resources Ltd is a Canadian mineral resource company and leading owner and developer of advanced and grass roots precious and base metal and industrial mineral properties. The Company seeks to create solid shareholder returns in an environmentally responsible fashion to benefit future generations. For more details, call Doublestar Investor Relations at 604 688-7377 or visit Doublestar on the web at www.doublestar.net.

This news release may contain forward looking statements based on assumptions and judgments of management regarding events or results that may prove to be inaccurate as a result of exploration or other risk factors beyond its control. Actual results may differ materially from the expected results. The

TGS → Katie

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Thursday, August 23, 2001 1:23 PM
To: Payie, Garry EM:EX
Cc: Schroeter, Tom EM:EX
Subject: MinFile 082FSW290 "Katie"

Hi Garry,

Would you please take a look at the subject MinFile "Capsule Geology and Bibliography" and then reference the "Porphyry Deposits of the Northwestern Cordillera of North America", CIMM Special Volume 46, Edited by T.G. Schroeter, pp 666 to 673 and the "Geological Fieldwork 1992", Paper 1993-1, BC GSB, pp 233 to 248. There is some real "meat" in these papers that is totally missing from the Katie MinFile.

The property now belongs to Gerry Carlson and me. We are preparing it for option, but the current MinFile is so sorely lacking in current detail from the above papers that we are unable to utilize it in our canvassing of potential investors or optionees.

Regards, John

PS. This is the second time that I have come across a MinFile that shows a recent "database last posted: xxxxx xx, 2001" that is not "totally" up to date. The "last posted" date at the bottom of the printout is very misleading as it gives the reader the impression that the MinFile property is up to date when in fact it is often very deficient such as the Katie. If the person posting is not bringing the property file totally up to date, then there should be a flag that cautions the reader accordingly.

Schroeter, Tom EM:EX

TOS → Katie

From: John A. Chapman [jacms1@sprynet.com]
Sent: Friday, August 17, 2001 5:10 PM
To: Chris Naas
Cc: Schroeter, Tom EM:EX
Subject: Katie Property



Chapcv.doc



leader_news1.doc



cogburn_factsheet_
color.doc



Krof Factsheet
20010708.doc



Krof Location
Map.pdf

Hi Chris,

I called your home and was directed to you via email - I trust this reaches you wherever that may be!

I have recently staked the Katie property (40 units) southwest of Salmo, BC. I see that CME managed the last drill program(s) on the property for Yellowjacket in the early 1990's. Do you still have any reports in hard copy or any digital files? Also, is CME Consultants Ltd. still available to do work in BC? If so, what are the charge-out rates for associates?

I have attached my CV for you information (plus a couple of other property items that may be of interest). For a reference you should talk to Tom Schroeter at the GSB (604.660.2812).

Regards, John A. Chapman, BSc, PEng, FCIM 604.536.8356

PS. My main interest in Katie is the potential for PGE's and gold in or adjacent to the peripheral mafic rocks.

V68 → Katie

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Friday, August 31, 2001 7:33 AM
To: Schroeter, Tom EM:EX
Subject: FW: Katie

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: August 31, 2001 7:27 AM
To: Cathro, Mike EM:EX
Cc: Gerald Carlson
Subject: RE: Katie

Mike, Thanks for this DRC news - Pd is looking very promising at Afton! Note that Lac des Iles uses a 0.7 gpt cutoff on palladium for ore reserve definition (related to economics of milling at 15,000 tpd ore). Regards, John

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

From: Cathro, Mike EM:EX [mailto:Mike.Cathro@gems2.gov.bc.ca]
Sent: August 30, 2001 3:03 PM
To: 'John A. Chapman'
Subject: RE: Katie

John, I forward this news release from DRC Resources. You will note that the Pd values reported in these holes are associated with relatively low Cu-Au grades...implications for Katie? I don't know what rock type the high palladium values are in, nor do I have any feeling for what the continuity will be like. It is interesting to note, however, that previous assaying showed the average grade for the deep afton mineralization (25 million ton resource) to be only about 0.004 opt Pd with the highest assay only 0.064 opt Pd.

At Copper Mountain, relatively high Pd values are supposed to be associated with massive bornite veins below pit 3.

Cheers,
Mike Cathro

(from DRC Resources NR, Aug 29, 2001)

DRC Resources Corporation's latest exploration results indicate Palladium grades are increasing to the southwest within the Afton mineral zone.

The drill hole farthest southwest, DDH 2K01-37, intersected *0.232 oz/t over three metres (10 ft) within a 57 m (187 ft) interval averaging 0.014 oz/t Palladium, while 80 metres (262 ft) northeast, DDH 2K01-24, assayed 0.120 oz/t Palladium over three metres (10 ft) within a 75 m (246 ft) interval averaging 0.014 oz/t Palladium. *Prorated results for original, resplit, check and "metallic" assays.

Until now, the highest Palladium assay in the previous 20 drill holes was 0.064 oz/t, but as holes are drilled to the southwest, Palladium grades are increasing. These higher Palladium grades exhibit a change in mineral composition from higher Copper and Gold in the northeast and central areas to higher Palladium in the southwest. DDH 2K01-39 is presently being drilled 70 metres (230 ft) to the southwest to test the continuity of higher-grade Palladium

ASSAY INTERSECTIONS FOR DDH 2K01-37:

Core Length m (ft)	Depth m	Copper %	Gold oz/t	Palladium oz/t	Silver oz/t	Copper Equiv. %
57 (187) (including)	372-429	1.00	0.025	0.014	0.058	2.02
3 (10)	426-429	0.19	0.015	0.232	0.029	9.16

ASSAY INTERSECTIONS FOR DDH 2K01-24:

Core Length m (ft)	Depth m	Copper %	Gold oz/t	Palladium oz/t	Silver oz/t	Copper Equiv. %
75 (246) (including)	278-353	0.45	0.014	0.014	0.033	1.23
3 (10)	350-353	0.03	0.003	0.120	0.009	4.58

TGS → Katie

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Monday, January 28, 2002 10:47 AM
To: Jones, Larry EM:EX
Cc: Lefebure, Dave EM:EX; Smyth, Ron EM:EX
Subject: Kena 'District' Play - Minfile

Larry, I had a call from John Chapman about his **Katie** property and the Nelson to Salmo 'district' play. He was using **Minfile** and **MapPlace** this weekend and was 'disappointed' that the Katie Minfile entry has NOT been updated, with the notice/info he supplied several months ago. I said I would check with you -? With the tremendous 'exposure' of the Kena project during **Roundup** last week, the upcoming (Feb. 6th) **MEG** talk on Kena and the **CIM-AGM** talk on Kena on May 1st, perhaps 'we' could examine and update/revise the Minfile entries for some 'key' properties in the district (i.e. Kena, Stewart, Katie ???). This could be a 'neat' Au +/- Cu (porphyry) play in the making. This would be particularly important for companies outside BC who might be coming in 'cold' (e.g. Goldfields Expl'n., Inc., Colorado). Who knows - we might even spark a 'regional' Map, such as the Cariboo Map, a few tears' ago? Comments? Cheers, Tom.

John Chapman,

Rael Lipson
Chief Geologist
Goldfields Exploration, Inc.
Denver, Colorado
303-796-8683

- Regional tour of
Nelson-Salmo area
this spring
(Au ± Cu por.)
[+ Stewart + Kena]

TFS → Katie

Schroeter, Tom EM:EX

From: Jones, Larry EM:EX
Sent: Monday, January 28, 2002 3:02 PM
To: Schroeter, Tom EM:EX
Cc: Lefebure, Dave EM:EX; Smyth, Ron EM:EX; McArthur, Gib EM:EX; Owsiacski, George EM:EX; Payie, Garry EM:EX
Subject: RE: Kena 'District' Play - Minfile

Tom

The Nelson - Salmo, area (082F03, 06) has not been updated since 1991 and over 200 new Assessment Reports have been submitted since. This represents about 3 months work or \$10,000 if contracted out. Our coding staff, George and Garry, have been busy with other projects (Chevron file, displays, prospectors, etc) so very little new MINFILE updating has taken place and likely will not take place over the next 2 months.

We can do a quick update on some of the key properties. WRT the Katie, it was Garry who received the notes from John and the update was lost in the shuffle of other duties. He will proceed with the update. George will do a brief update of Sultan's showings.

Larry

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

From: Schroeter, Tom EM:EX
Sent: Monday, January 28, 2002 10:47 AM
To: Jones, Larry EM:EX
Cc: Lefebure, Dave EM:EX; Smyth, Ron EM:EX
Subject: Kena 'District' Play - Minfile

Larry, I had a call from John Chapman about his **Katie** property and the Nelson to Salmo 'district' play. He was using **Minfile** and **MapPlace** this weekend and was 'disappointed' that the Katie Minfile entry has NOT been updated, with the notice/info he supplied several months ago. I said I would check with you -? With the tremendous 'exposure' of the Kena project during **Roundup** last week, the upcoming (Feb. 6th) **MEG** talk on Kena and the **CIM-AGM** talk on Kena on May 1st, perhaps 'we' could examine and update/revise the Minfile entries for some 'key' properties in the district (i.e. Kena, Stewart, Katie ???). This could be a 'neat' Au +/- Cu (porphyry) play in the making. This would be particularly important for companies outside BC who might be coming in 'cold' (e.g. Goldfields Expl'n., Inc., Colorado). Who knows - we might even spark a 'regional' Map, such as the Cariboo Map, a few tears' ago? Comments? Cheers, Tom.

The Katie Cu-Au Porphyry Deposit, British Columbia

J.A. Chapman Mining Services, 604.536.8356

The Katie property, located seven kilometers southwest of Salmo, B.C. was discovered in 1977 by Amoco Canada from a government RGS survey. Amoco outlined a one km by one-half km soil copper anomaly. Ken Murray acquired the property and defined a coincident gold soil anomaly. In 1990 junior Yellowjacket Resources Limited formed a joint venture with Hemlo Gold and Brenda Mines that drilled 8,260 m in 34 core holes. The soil anomaly was expanded to 1.5 km wide by over 2 km long and geophysics included comprehensive grid magnetics and IP surveys. In 1992, Yellowjacket drilled an additional 4,477 m in 18 holes. The property was re-staked by John A. Chapman and KGE Management Ltd. in 2001.

The Salmo area is underlain by an arcuate belt of sedimentary and volcanic rocks of the Lower Jurassic Rossland Group, in fault contact with Paleozoic Kootenay Terrane rocks to the south and the late Jurassic Nelson Batholith to the north, east and west. The Rossland Group includes the Archibald Formation clastic sediments, a thick sequence of volcanic and epiclastic rocks of the Elise Formation and Hall Formation clastics. They are cut by synvolcanic intrusives, Middle Jurassic to Cretaceous granitic intrusions of the Nelson Batholith, the Middle Eocene Coryell intrusions and felsic to mafic Tertiary dikes.

The Katie claims cover intermediate to mafic flows and volcanoclastic rocks of the Elise Formation. Synvolcanic intrusive rocks underlie a large portion of the property and range in composition from monzonite to monzogabbro. Younger intrusive rocks include feldspar porphyry, rhyolite, lamprophyre and diabase.

Drilling has outlined widespread alkaline porphyry copper-gold mineralization within an area 2.5 km by 1.75 km focused on three zones – Main, West and 17. From one percent to greater than 10 percent pyrite and chalcopyrite occur as disseminations, fracture fillings and veins associated with contacts between monzodiorite dikes and volcanics. Weathering effects have been noted to a depth of 20 m or more, with secondary malachite, azurite and local chalcocite.

Potassic core zones, with copper grades up to one percent and gold in the range of 0.5 gm/tonne are characterized by pervasive, vein and stockwork K-feldspar, with biotite, quartz, chlorite and sometimes coarse magnetite grains. These are enveloped by broad areas of propylitic alteration including pervasive and fracture controlled epidote, chlorite, hematite and magnetite. The potassic and propylitic alteration largely obliterates primary textures, with the exception of feldspar and pyroxene phenocrysts.

Mineralization and alteration are controlled by northwesterly oriented structures and are zoned outwards from highest copper and gold in the potassic cores, followed by lower grade values in the propylitic zone. A late stage of mineralization includes strongly deformed quartz-carbonate-sulphide veins within mylonitic shear structures. Sulphides include pyrite, chalcopyrite, tetrahedrite, molybdenite and arsenopyrite.

The Main Zone is northwest striking, steeply northeast dipping, 70 to 135 m thick and at least 500 m long, open in both directions and to depth. Copper grades average from 0.25% to 0.3% while gold values range from 0.15 gpt to 0.45 gpt. The 17 Zone is geologically similar to the Main Zone, 670 m to the south. It strikes northwest, dips gently to the east and has been outlined by limited drilling over an area 300 m by 110 m. Average grades are 0.28% copper and 0.3 gpt gold.

The property holds significant additional exploration potential. The drilling has been mostly directed to the northwest, parallel to the main controlling structure. The identified higher grade potassic core zones have not been fully tested. The Main Zone is open to the northwest and southeast, while the best results from drill holes in both the West and 17 Zones are on the edge of the areas tested. Soil geochemistry and IP define extensions to these zones as well as a number of other untested targets. Additional drilling is warranted.

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Tuesday, January 29, 2002 7:51 AM
To: 'John A. Chapman'
Subject: RE: Katie Fact Sheet

John - there's your answer. Nobody from Victoria informed me (or you) of the "other priorities". FYI - I have 'pushed' for a quick update of the Kena-Katie area (would take ~ 3 months to do the whole area; I've asked for something by PDAC). Cheers, Tom.

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Monday, January 28, 2002 4:16 PM
To: Payie, Garry EM:EX
Cc: Gerald Carlson; Jones, Larry EM:EX; Schroeter, Tom EM:EX
Subject: RE: Katie Fact Sheet

Garry, Attached are two write-ups done by Dr. Gerald Carlson, Geologist (part owner of Katie) that may assist you in doing your update. John

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

From: Payie, Garry EM:EX [mailto:Garry.Payie@gems4.gov.bc.ca]
Sent: Monday, January 28, 2002 3:29 PM
To: 'John A. Chapman'
Subject: RE: Katie Fact Sheet

John,

Just wanted to apologize for not getting to the Katie update that I promised a few months back. I received a major assignment at about the same time we discussed the update and it fell off my radar screen. I was reminded of the task today by way of Tom Schroeter.

Feel free to prod me directly if such a thing happens again.

Garry

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Wednesday, September 05, 2001 8:03 PM
To: Payie, Garry EM:EX
Subject: FW: Katie Fact Sheet

Garry, FYI. Regards, John

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: September 5, 2001 8:57 AM
To: Cathro, Mike EM:EX
Cc: Tom Schroeter; David Terry; Trygve Hoy
Subject: RE: Katie Fact Sheet

Hi Mike,

Attached is the "final" version of the Fact Sheet for Katie. I have spoken with both Ken Murray and Greg Hawkins and neither ever did analysis for PGE's at Katie. Greg thought there was a valid argument for PGE's at Katie

given the mafic rocks and the deposit's similarities to Afton and Similco.

Regards, John

PS. Greg Hawkins has several meters of select high-grade core from Katie at the CME office in Richmond. Also, the core from drill programs at Katie are supposedly stored behind a garage in Salmo. I will try to get up there next week to meet with Ken Murray and to view the core and determine if it should be moved to more secure storage.

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

From: Cathro, Mike EM:EX [mailto:Mike.Cathro@gems2.gov.bc.ca]
Sent: August 29, 2001 4:52 PM
To: 'John A. Chapman'
Subject: RE: Katie Fact Sheet

Hi John,

Looks very good. I read it carefully and didn't notice any mistakes.

When you have a final version, I suggest you send it to Trygve Hoy and David Terry (my recently hired counterpart in Cranbrook), if you haven't already.

By the way, Trygve is just in the throes of completing a major Bulletin on the metallogeny of the Rossland Group. I saw him last Thurs and he was telling me about it. Apparently it will include a bunch of previously unpublished data including Pb isotopes, fluid inclusions and dates (?) on mineralization from throughout the Rossland Group. He may have some additional ideas and suggestions about Katie.

Good luck.

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

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Tuesday, August 28, 2001 8:17 PM
To: Cathro, Mike EM:EX
Subject: Katie Fact Sheet

Hi Mike, This is the first pass draft by Gerry and me. Regards, John

Schroeter, Tom EM:EX

From: John A. Chapman [jacms1@sprynet.com]
Sent: Monday, January 28, 2002 4:11 PM
To: Jones, Larry EM:EX
Cc: Moe Kaufman; Schroeter, Tom EM:EX; Jack Denny; Gerald Carlson; Art Troup
Subject: RE: The Nelson-Salmo Porphyry Copper-Gold District, British Columbia, Canada

Larry, Thanks for this. I think we really have a chance of getting some big companies back into this Nelson-Salmo District play. So updating at least the Minfile occurrences that have the porphyry copper-gold signature (Kena, Katie, Stewart, etc.) would be most helpful to the PR effort.
Regards, John

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

From: Jones, Larry EM:EX [mailto:Larry.Jones@gems5.gov.bc.ca]
Sent: Monday, January 28, 2002 3:02 PM
To: 'John A. Chapman'
Cc: Payie, Garry EM:EX; Owskiacki, George EM:EX
Subject: RE: The Nelson-Salmo Porphyry Copper-Gold District, British Columbia, Canada

Hi John

The Nelson - Salmo, area (082F03, 06) has not been updated since 1991 and over 200 new Assessment Reports have been submitted since. This represents about 3 months work or \$10,000 if contracted out. Our coding staff, George and Garry, have been busy with other projects so very little new MINFILE updating has taken place and likely will not take place over the next 2 months.

WRT the Katie, I checked with Garry and it he who received the notes from you and the update was lost in the shuffle of his other duties. He will proceed with the update. George will also do a brief update of some of the key properties in the area. I will let you know when and what updated data are posted.

Sorry for the delay. We appreciate your support of our project.
Larry

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Monday, January 28, 2002 11:04 AM
To: Gerald Carlson; Schroeter, Tom EM:EX; Art Troup
Cc: Jones, Larry EM:EX; Ken Murray; Jack Denny; Moe Kaufman; Dennis Llewellyn
Subject: The Nelson-Salmo Porphyry Copper-Gold District, British Columbia, Canada

Gentlemen,

As part of our PR for the Nelson-Salmo Porphyry Copper-Gold District I am going to send the attached maps to Rael Lipson, Senior Geologist, Gold Fields Exploration, Inc. He had asked me to put together some information on the District and on Katie for his review before coming to the Nelson-Salmo area in the Spring to view the principal properties.

I had asked Larry Jones to update Katie in the Minfile some months ago as it is terribly out of date. Tom Schroeter will follow up on the Katie Minfile

and other copper-gold Minfile occurrences in the District with Larry Jones so that Rael and other majors looking at the District see up-to-date Minfile information.

I think we have a good chance of making this an area play with substance as the mineralization is there along with significant infrastructure (power, gas, labour, etc.). The area is also "park free" and Status Indian Reserve free.

I have clipped some of the MapPlace maps for the district and have attached them as PDF files for your reference. As these will form a part of the package for Goldfields and other majors I would appreciate your comments.

Regards, John

Schroeter, Tom EM:EX

TTS → Katie

From: John A. Chapman [jacms1@sprynet.com]
Sent: Thursday, April 24, 2003 9:40 AM
To: Terry, David EM:EX
Cc: Lefebure, Dave EM:EX; Schroeter, Tom EM:EX; Cathro, Mike EM:EX
Subject: Gus and Swift Summary - Adjoins Katie



030130 Swift Cls
Doublestar.pd...

David,

This came from Doublestar via Gerry Carlson. Note reference (from 1980's work) to similarity to Silver King shear and Kena near Nelson.

John

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

From: Gerry Carlson [mailto:gcarlson@copper-ridge.com]
Sent: April 22, 2003 8:15 AM
To: John Chapman
Subject: Fw: Gus and Swift Summary

John - Here's what I pdf'd.

Gerry

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

From: "Gerry Carlson" <gcarlson@copper-ridge.com>
To: "John A. Chapman" <jacms1@sprynet.com>
Sent: Monday, April 21, 2003 7:46 AM
Subject: Re: Gus and Swift Summary

> John - I don't appear to have it here at home. I'll get it to you as soon
as

> I'm back down town.

>

> Gerry

>

> ----- Original Message -----

> **From:** "John A. Chapman" <jacms1@sprynet.com>
> **To:** "Gerald Carlson" <gcarlson@copper-ridge.com>
> **Sent:** Friday, April 18, 2003 4:42 PM
> **Subject:** Gus and Swift Summary

>

>

> > Gerry, I cannot find the subject summary. John

> > .

> >

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>

Schroeter, Tom EM:EX

TJS → Katie

From: John A. Chapman [jacms1@sprynet.com]
Sent: Wednesday, September 25, 2002 4:52 PM
To: Gerald Carlson
Cc: Schroeter, Tom EM:EX
Subject: FW: Katie Copper-Gold Property Available for Option, Salmo, BC

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

From: Smith, Pat (KEX) [mailto:Pat.Smith@kennecott.com]
Sent: Wednesday, September 25, 2002 4:15 PM
To: John A. Chapman
Subject: RE: Katie Copper-Gold Property Available for Option, Salmo, BC

John

I agree that BC is changing and especially if you are in an established mining camp. I still have some politicking to do in-house before I can change some fairly strong preconceptions.

Thanks for the references - I will give them a read.

Cheers

Pat

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

From: John A. Chapman [mailto:jacms1@sprynet.com]
Sent: Wednesday, September 25, 2002 4:59 PM
To: Smith, Pat (KEX)
Cc: Gerald Carlson
Subject: RE: Katie Copper-Gold Property Available for Option, Salmo, BC

Pat,

Thanks for taking a look. BC is changing - I was the principal visionary in the Lac Des Iles expansion "miracle" in Ontario, the main push on the Keystone Gold development in Manitoba and was instrumental in the LaTeko/Kinross merger for the Ryan Lode/True North/Fort Knox combination in Alaska. Now, due to changes in BC, I am gambling on mine development in the province - see www.leadermining.com and www.orphanboy.com. Kennecott should revisit their position on BC.

Regards, John

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

From: Smith, Pat (KEX) [mailto:Pat.Smith@kennecott.com]
Sent: Wednesday, September 25, 2002 2:42 PM
To: John A. Chapman
Subject: RE: Katie Copper-Gold Property Available for Option, Salmo, BC

John

Thank you for the information on the Katie property. I do not think that Kennecott is interested at this time.

BC is a tough place for us to get anything off the ground - unfortunately.

Regards

Pat

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

From: John A. Chapman [mailto:jacms1@sprynet.com]

Sent: Saturday, September 21, 2002 11:46 AM

To: Smith, Pat (KEX)

Cc: Simpson, David (KEX)

Subject: Katie Copper-Gold Property Available for Option, Salmo, BC

Dear Mr. Smith:

Gerry Carlson and I are 100% owners of the Katie Copper-Gold property located 7km southwest of Salmo, BC. The Katie is one of the porphyry copper-gold deposits featured in CIM Special Volume 46, pgs 666-673. Noranda (Brenda & Hemlo Gold) drilled the property in the period 1990 to 92, while Falconbridge was working on the Swift gold property adjacent to the south of Katie (now held by Doublestar Resources Ltd.).

I have attached some general information on Katie for your easy reference. The property is available for option.

Regards,
John Chapman
604.536.8356

→ Katie
(+Swift ck.)

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Friday, February 25, 2005 3:11 PM
To: XT:EM Chapman, John A EM:IN
Subject: RE: Katie & Adjoining Swift Property

Thanks, John. I've just returned from holidays in Africa - off to PDAC next week - BIG "BC Promo".

Tom

Tom Schroeter, P.Eng./P.Geo.
 Senior Regional Geologist
 Geological Survey and Development Branch
 Mining and Minerals 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: John Chapman [mailto:jacms1@telus.net]
Sent: Tuesday, February 22, 2005 3:43 PM
To: 'Jason Haywood'
Cc: XT:EM Copper Ridge Explorations EM:IN
Subject: Katie & Adjoining Swift Property

Hi Jason,

As discussed, the Katie Property (copper, gold) is now available (eTV has dropped their option having done no work) and it is now the first listing on www.mininglife.com. An excellent reference for information on Katie is the CIMM Special Volume 46 (Edited by Tom Schroeter), Porphyry Deposits of the Northwestern Cordillera of North America, "The Katie Copper-Gold Porphyry Deposit, Southeastern, British Columbia"

As promised, I have attached a brief internal memo on the Swift Gold Property and a copy of Exploration in BC 1989, "Geology & Exploration of the Rosslund Group in the Swift Creek Area", Kathryn P.E. Andrew and Trygve Hoy that discusses some of the exploration work on Swift and related results.

We are just completing a "trade" with Doublestar Resources Ltd. on their adjoining Swift Property (gold) so that Katie and Swift will be one property owned by myself (37.5%), Gerald Carlson (37.5%) and Doublestar (25%). The Katie was drilled by Brenda Mines (Noranda) and Hemlo Mines (Noranda) and the adjoining Swift was trenched and drilled by Kidd Creek Mines and Falconbridge. The combined property is available for option.

The Katie is our most advanced stage property as it has a good data base, has very good drill ready targets, is close to power, gas, water and town (Salmo) and is in a "brown fields" area with an extensive logging and mining history. The Swift and Katie mineral titles are covered by surface lands owned by Beaumont Timber, and they have extensively logged the area. I consider having Beaumont there as a positive as they are business people and are aggressive in development and operations of their timber and land interests in British Columbia.

Do not hesitate to contact me or Gerry Carlson (604.688.0833) if you require any further information.

Best regards,
John Chapman
604.536.8356

PS. We will be amending the www.mininglife.com advertisement for Katie shortly to reflect the addition of the Swift - the new name may become "The Swift Katie Property".

Memo

Date: January 30, 2002

To: A. Savage

Cc: P. Saxton

From: N. von Fersen

Summary Review of the Swift Claims NTS 82F/03W

I have reviewed available reports in DSR files from Kidd Creek Mines and Falconbridge Limited that document work carried out on the Swift and Gus claims between the years 1984 – 1987. The claims are located in the Nelson Mining District approximately 10 km. south-southwest of Salmo. Good access is available to the property via logging roads. The claims cover a south-facing slope and elevations range from 1770 m. in the north to approximately 1220 m. in the south.

Property History

Old collapsed pits and trenches provide evidence of early attempts by prospectors to locate gold mineralization similar to that hosted in gold bearing quartz veins of the Rossland Camp. More recent work consists of property wide mapping, soil geochemistry for Au, Ag, VLF, and IP surveys carried out by Kidd Creek Mines and Falconbridge. Efforts initially concentrated on the discovery of VMS related Cu Zn massive sulphide mineralization, and culminated in following up gold in soil anomalies by backhoe trenching and ultimately drill testing the best of these targets.

Results

The trenching defined five areas that contained greater than 1000 ppb gold in bedrock over widths of 2 m. or more. Three of these areas, namely Trench 19, 21, and 23 were of particular interest. Trench 19 contained three long anomalous intervals that returned 12 m. of 535 ppb Au., 14 m. of 865 ppb Au., and 16 m. of 760 ppb Au. Trench 21 gave 100.1 g/t Au over 2 m., an adjacent sample returned 8.5 g/t Au over a similar interval. The two areas plus an area under Trench 2 were drill tested in 1987. Trench 23, which returned 1.43 g/t Au. over 6.0 m. (2.85g/t over 2 m). was not drill tested. Eight holes were completed for a combined total of 892 meters. Tables of significant anomalous intervals in trenches and drill intercepts are attached.

The best drill results were obtained under Trench 19, where three holes intersected a strongly silicified zone in mafic volcanics at least 30 m. wide, enclosed within a 100 m. wide zone of carbonate alteration. This altered zone is near vertical and can be traced on surface for a minimum distance of 500 m. along strike to the northeast. The zone appears to be overburden covered to the southwest. Hole 87-6 was drilled directly under Trench 19 and intersected 5.4 m. of 1.45g/t Au and 10 m. of 1.83 g/t Au. The hole was collared

in the first interval; a 6.6 m. younger dyke separates it from the second interval. Drill holes 87-7 and 87-8 returned overall lower intersections, with comparable grades to hole 87-6 over shorter intervals.

Four holes drilled in the area of Trench 21 also encountered a zone of carbonate alteration and local silicification. The zone is approximately 100 m. wide and appears to extend for at least 600 m. along strike to the northeast, based on surface exposures. Drilling intersected only weakly anomalous gold mineralization. Appreciable copper, lead and zinc mineralization occurs in quartz veins and silicified breccia zones in holes 87-3 and 87-4. These veins vary from 1 cm to 30 cm and constitute approximately 1% of the altered rock. Base metals are rarely accompanied by gold >200 ppb. An exception is hole 87-3 which gave 2.90 g/t Au over 0.5 m., associated with low grade copper lead zinc mineralization.

Discussion

Numerous elongate northeast trending gold soil trends have been defined on the Swift claims, these are particularly concentrated in the northeast quadrant of the property. Backhoe trenching and diamond drilling has tested portions of the trends considered to be most interesting. Results to date indicate that mineralization is associated with pervasive silicification, carbonatization, and or quartz veining, most likely related to northerly trending shear zones that cut mafic tuffs and flows of the Elise Formation. The trench 19 area has provided the most significant gold intersections, as noted above. Drilling has only tested 150 m. of this zone. Surface exposures of silicified and carbonate altered mafic volcanics, and a strong gold in soil anomaly trend northeast to the property boundary.

The general area around trench 21 is underlain by the same mafic volcanic assemblage, but has been intruded by syenitic dykes (Coryell) that have given rise to local contact skarn development. This area exhibits a higher base metal abundance, and also falls within a broad chargeability anomaly (>20 milliseconds) which suggests the possibility of a larger intrusive body below surface.

As noted by T. Hoy of the BCGS;

“Detailed mapping in the Swift Creek area indicates structural controls on mineralization. Zones of carbonate-sericite-silica alteration are aligned northeast in a zone of intense shearing parallel to the regional foliation, the limbs of the Hellroaring Creek syncline and the Waneta Fault. The similarity of this area and the area southwest of Nelson (Silver King/Kena) both in structural style, mineralization and alteration types makes shear related gold deposits a viable target in the Rossland Group.” (Andrew and Hoy, 1989)

Conclusions

1. The northeast quadrant of the Swift claims contains interesting amounts of gold in structural zones that have been incompletely tested. ie.- Trench 19, 21, 23 areas.
2. The Trench 19 and Trench 21 Zones may be open on strike onto unstaked ground.

3. The IP anomaly surrounding Trench 21 suggests higher pyrite/alteration responses over an area roughly 600 x 600 m. It may reflect a deeper Cu-Au porphyry target similar to the Katie prospect just north of the Swift claims.
4. The gold anomaly in the extreme southwest corner of the Swift #4 claim is notable because the stream draining the area apparently had historical placer gold production.

Recommendations

1. The Trench 19 and 21 Zones should be further evaluated by prospecting, mapping, rock, and soil sampling along their projected trends.
2. Review applicable geophysical systems to rapidly define zones of silicification under thin overburden cover.
3. There appears to be open ground to the north and east of the Swift claims. It is advisable to pick up areas that lie over the projected extensions of mineralized trends.
4. Further drilling is recommended in the Trench 19 area to test the gold bearing silicified zone along strike and down dip.
5. Trench 23 assayed 1.43 g/t Au. over 6.0 m. A drill hole to test sub-surface continuity is recommended.

Mineral Titles Map

BC Administrative Area Layers

BC Municipalities

Mineral Titles Layers

ALL titles outline labelled (<200K)
 All Others

MINERAL titles outline labelled (<200K)
 All Others

Topographic Layers

Roads 1:250K (<2M)

Grid Layers

— Grid 1:250K maps - outline

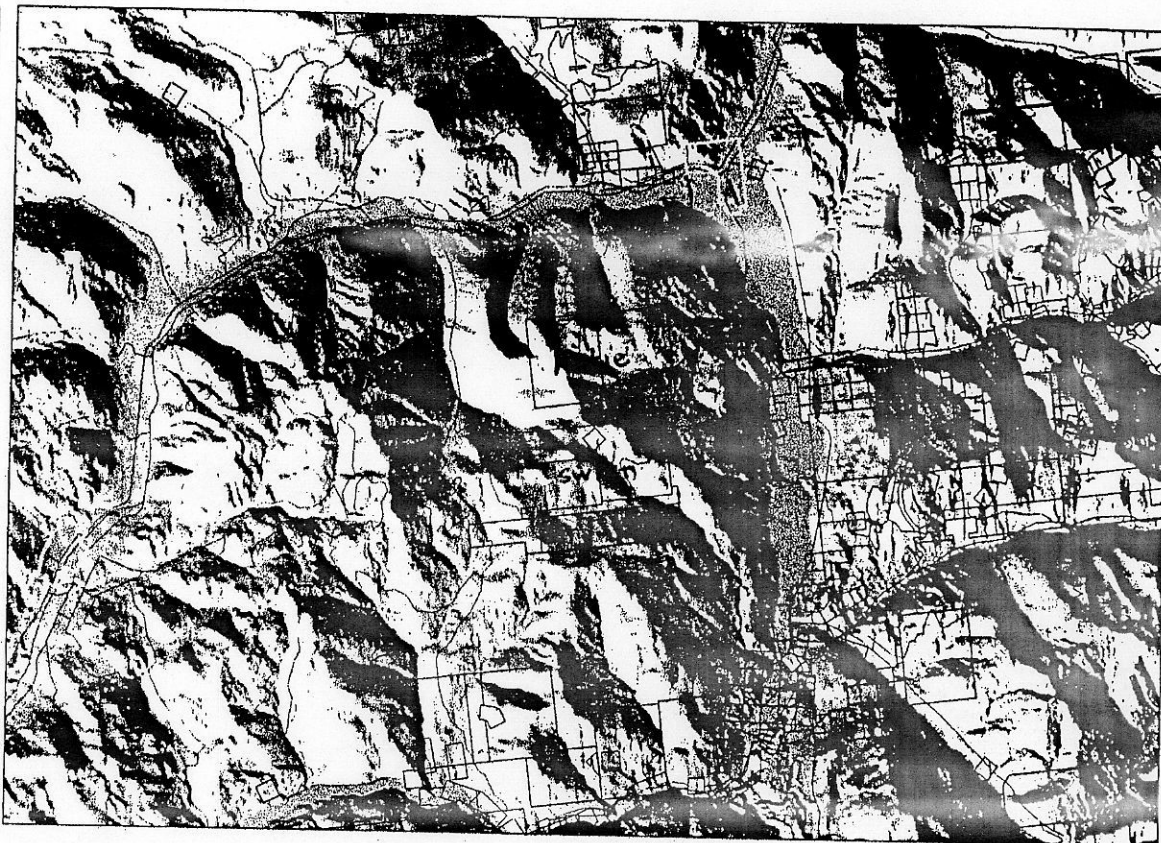
Raster Layers

DEM image hillshade (<300K)

Aeromag (<300K)

BC Border Layers

BC Border 1:50K (<300K)

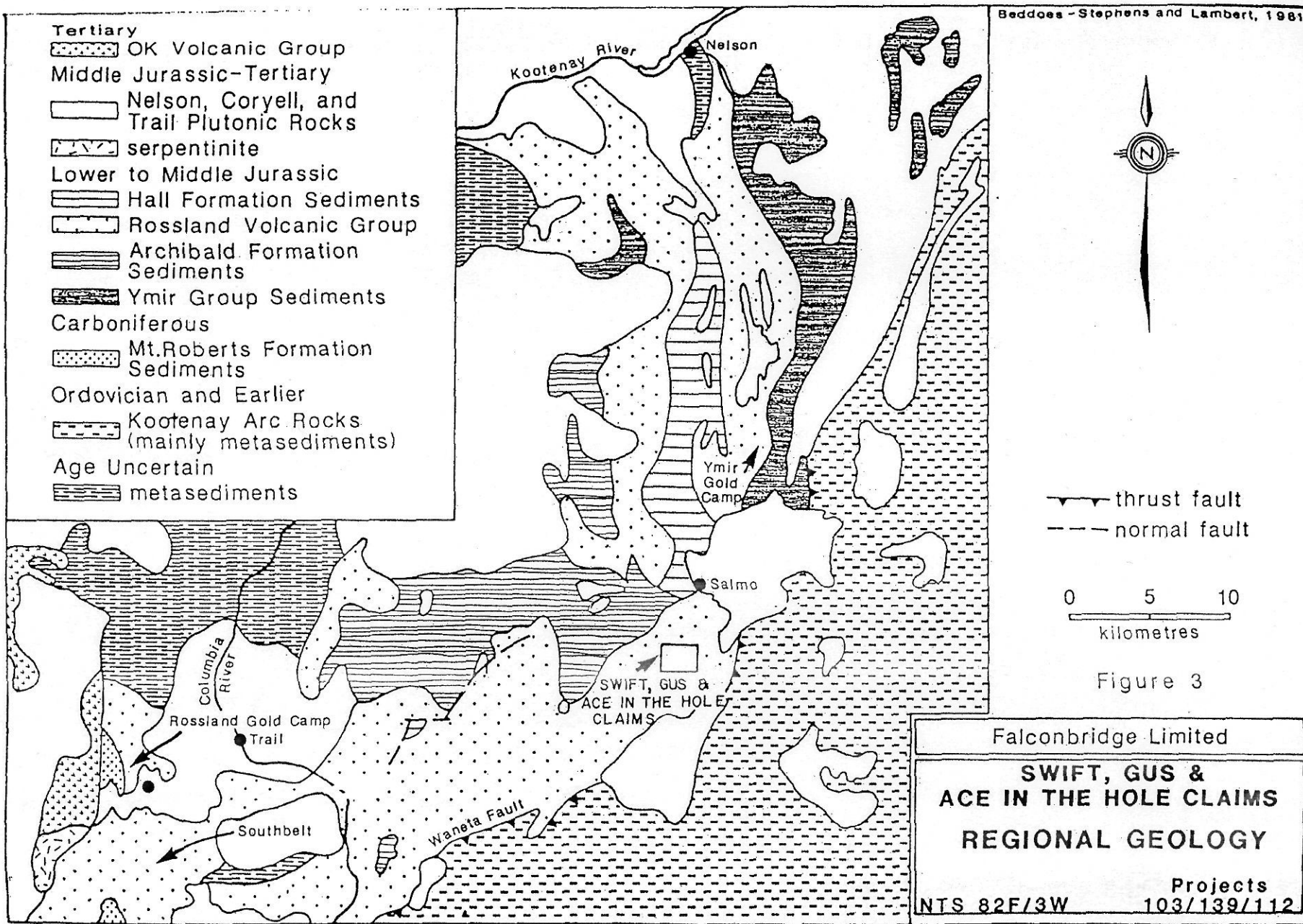


SCALE 1 : 201,433



N





Tertiary
 OK Volcanic Group
 Middle Jurassic-Tertiary
 Nelson, Coryell, and Trail Plutonic Rocks
 serpentinite
 Lower to Middle Jurassic
 Hall Formation Sediments
 Rossland Volcanic Group
 Archibald Formation Sediments
 Ymir Group Sediments
Carboniferous
 Mt. Roberts Formation Sediments
Ordovician and Earlier
 Kootenay Arc Rocks (mainly metasediments)
Age Uncertain
 metasediments

Beddoes - Stephens and Lambert, 1981

thrust fault
 normal fault

0 5 10
 kilometres

Figure 3

Falconbridge Limited
SWIFT, GUS & ACE IN THE HOLE CLAIMS
REGIONAL GEOLOGY
 Projects
 NTS 82F/3W 103/139/112

analysed for gold, 77 (20%) have values over 100 ppb, 35 w over 500 ppb and 16 over 1000 ppb. Values over 1000 ppb are localized in five trenches. The best results are summarized below.

Trench No.	ppb Au	Interval	Comments
2	1270	0.1 m	Adj. 2.0 m of 220 ppb
4	1270	2.0 m	
4	1050	2.0 m	
6	427 (avg)	6.0 m	Incl. 4 cm qtz vn 6420 ppb
19	535 (avg)	12.0 m	Incl. 2.0 m of 2020 ppb
19	865 (avg)	14.0 m	Incl. 2.0 m of 2160 ppb
19	760 (avg)	16.0 m	Incl. 2.0 m of 1650 ppb
21	100 (ppm)	2.0 m	Adj. 2.0 m of 1010 ppb
21	8500	2.0 m	Adj. 2.0 m of 960 ppb
*23	1430 (avg)	6.0 m	Incl. 2.0 m of 2850 ppb
30	1750	2.0 m	Adj. grab 1650 ppb 16v

A 2.0 m section in trench 21 above assayed 100.2 g/tonne Au. The two metre section is in carbonatized tuff and a quartz vein up to 0.4 m wide contains chalcopyrite, galena, pyrite and possibly sphalerite. Total sulphide content is estimated to be 10%.

Several long sections in trench 19 returned significant gold values indicating highly anomalous gold content in altered mafic pyroclastics.

Drilling Results

The most significant results of the drilling are summarized in the following table.

HOLE	FROM (m)	TO (m)	WIDTH (m)	AU (ppb)	AG (ppm)
87-1	31.0	32.3	1.3	460	0.5
	38.0	39.0	1.0	620	0.2
87-2	42.0	45.0	3.0	176	0.6
	49.0	51.0	2.0	283	0.9
87-3	59.5	60.0	0.5	560	1.9
	65.5	66.0	0.5	2900	1.9
	72.0	77.5	5.5	230	0.9
87-4	33.5	34.5	1.0	230	29.0
	44.5	45.0	0.5	740	17.0
	73.0	74.0	1.0	320	0.2
87-5	44.5	45.0	0.5	1550	7.0
87-6	4.4	9.8	5.4	1450	0.5
	5.0	6.0	1.0	3400	1.0
	9.0	9.8	0.8	2000	0.4
	17.0	27.0	10.0	1830	0.6
	20.0	21.0	1.0	6400	1.3
	21.0	22.0	1.0	3900	0.7
87-7	41.5	43.0	1.5	1425	0.4
	55.0	56.0	1.0	3200	0.2
	73.0	75.0	2.0	1100	0.2
87-8	7.0	10.6	3.6	1270	0.2
	25.1	31.0	5.9	726	0.1
	27.0	28.0	1.0	1550	0.1
	30.0	31.0	1.0	1950	<0.1
	45.0	49.0	4.0	395	0.2

Tr. 21

Tr. 19

Schroeter, Tom EMPR:EX

→ Katie Swift

From: John Chapman [jacms1@telus.net]
Sent: Friday, March 31, 2006 10:06 AM
To: Craig Herman; Craig Herman
Cc: XT:EM Copper Ridge Explorations EM:IN; Ken Murray; XT:EM Grey, Paul D EM:IN; Henry Huser; Eugene Spiering; rob macdonald; Reid, Bruce D. EMPR:EX; Grieve, Dave A EMPR:EX; Schroeter, Tom EMPR:EX; Larry Page
Subject: Manex Resource Group - Option of Swift-Katie Property

To: Craig Herman, Manager, Beaumont Timber Company Ltd., Salmo, BC

Good Morning Craig,

Take a look at www.manexresourcegroup.com for information on the very professional and capable team that has just signed an option-to-purchase on the Swift-Katie property. It will probably be a few months before they start any work so there will be ample time to get the Property access agreement in order. They have seen the agreement – they have the same CD that I sent to you with a Beaumont file. The BCEMPR office in Cranbrook had indicated last year that any bonding paid to Beaumont would be acceptable to them for Notice of Work bonding so that there would be no “doubling-up” of bonding.

I have encouraged Rob MacDonald, M.Sc., PGeo., Senior Geologist, Manex Resources Group (604.684.9384 #782), to work with Ken Murray (250.354.4067) because of his long-time, and ongoing, knowledge of the property, as well as Henry Huser (250.357.9686) because of his local Salmo experience, proven work capabilities (small contracting for excavation, road building, etc.) and his knowledge of the Beaumont lands and work practices.

The Manex people have just had a huge win by selling Western Silver to Glamis for \$1.2 billion – they are very capable at mineral exploration and mine development. Note that several of their companies are listed on the Frankfurt stock exchange. I understand that they have a considerable following among German resource investors.

Have a great holiday – give me a call when you get back.

Best regards,
 John Chapman
 604.536.8356

+ Larry Page

→ new company? (currently "Voltaire Wines").

Schroeter, Tom EMPR:EX

*JCS → Katie
Swift*

From: Schroeter, Tom EMPR:EX
Sent: Friday, February 03, 2006 9:16 AM
To: XT:EM Chapman, John A EM:IN
Subject: RE: Katie Deposit Mineral Resource

Thanks - getting there.

Tom
Tom Schroeter, P.Eng./P.Geol.
Senior Regional Geologist
Geological Survey Branch
Mining and Minerals Division
Ministry of Energy, Mines and Petroleum Resources

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

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

From: John Chapman [mailto:jacms1@telus.net]
Sent: Friday, February 03, 2006 9:12 AM
To: XT:EM Augsten, Bernhardt Ernst EM:IN
Cc: Grieve, Dave A EMPR:EX; Schroeter, Tom EMPR:EX
Subject: FW: Katie Deposit Mineral Resource

Hi Bernie,

These draft resources are for you and Ken to discuss.

The block model shows several "blank" blocks between and near core drill holes where "ore" tonnage could be increased with further drilling. There are still several geochemistry and geophysics targets in the general area away from the 3 known zones, that could add substantially to the copper-gold resource. Once we have had a chance to finalize (check) the block model we will run some optimized open pit shells to see how they look at different metal prices and strip ratios.

Cheers, John

PS. At this point the copper cut-off at 0.20% yields a resource that would probably be economic today (at current copper and gold prices) at ~15,000 mtpd (ore) open-pit with a flotation plant (a little smaller than Mount Polley).

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

From: John Chapman [mailto:jacms1@telus.net]
Sent: February 2, 2006 7:56 PM
To: gcarlson@copper-ridge.com; Paul D. Gray; kenmu@telus.net
Subject: Katie Deposit Mineral Resource

Gentlemen,

The attached Katie deposit mineral resource was derived by Dave using SurPac. The block model was constructed using a SpGr of 2.7 and a spherical search envelope, with measured = 30m radius, indicated = 60m radius and inferred = 120m radius.

The resources reported are reasonable based upon a preliminary check. We will not officially release the resource into the assessment report until Dave returns from Africa in mid February - we will then review the model in more detail.

Cheers, John

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

From: David Makepeace [mailto:dmakepeace@telus.net]

Sent: February 2, 2006 5:15 PM

To: John A. Chapman

Subject: Swift-Katie numbers

John

Attached are 2 spreadsheets that are mineral resources based on either a gold or copper variable cut-offs. I have included in each spreadsheet the raw data worksheets from the Surpac block model report module as well as a summary worksheet of the raw data. I really haven't had a lot of time to check the figures because of this trip tomorrow but I wanted you to have something to look over and think about while I'm gone. The higher the cut-offs make the indicated and inferred numbers become a bit strange which may be okay due to the higher cut-off grades.

By the way the composites worked out really well with respect to the midpoint of each 15 meter bench. It was a three step process 1) compositing by mid-point of each bench (separate composite strings) 2) combining the resultant bench composites into one composite (composite segment strings) and then 3) renumbering the composites (segments) to the same string number. The proof was when the drill hole traces line up with the midpoint composites.

Anyway I will be back on the 15th and we can talk over the figures.

Dave

Swift-Katie Mineral Resource
Based on Combined Mineral Resource Categories
Based on a Variable Copper Cutoff

Cutoff % Cu	Measured			Indicated			Inferred		
	Tonnage (mt)	Au (g/mt)	Cu (%Cu)	Tonnage (mt)	Au (g/mt)	Cu (%Cu)	Tonnage (mt)	Au (g/mt)	Cu (%Cu)
0.05	57,381,419	0.156	0.155	154,438,649	0.134	0.135	454,786,652	0.122	0.115
0.10	35,092,244	0.209	0.205	90,705,824	0.169	0.177	232,879,052	0.131	0.153
0.15	21,961,131	0.263	0.255	48,669,862	0.209	0.224	91,389,264	0.167	0.203
0.20	12,110,518	0.342	0.324	26,007,075	0.277	0.272	41,279,626	0.195	0.240
0.25	7,891,430	0.408	0.379	12,174,300	0.356	0.329	16,129,126	0.218	0.270
0.30	5,230,580	0.485	0.434	6,734,137	0.429	0.375	4,191,751	0.096	0.261
0.35	3,289,617	0.585	0.500	4,109,737	0.469	0.410	0	0.000	0.000
0.40	2,159,667	0.720	0.569	2,132,324	0.535	0.443	0	0.000	0.000
0.45	1,585,579	0.819	0.621	1,084,387	0.511	0.466	0	0.000	0.000
0.50	1,139,066	0.933	0.680	492,075	0.247	0.465	0	0.000	0.000
0.55	801,903	1.116	0.750	200,475	0.000	0.375	0	0.000	0.000
0.60	683,440	1.147	0.781	0	0.000	0.000	0	0.000	0.000
0.65	528,527	1.152	0.828	0	0.000	0.000	0	0.000	0.000
0.70	437,402	0.972	0.858	0	0.000	0.000	0	0.000	0.000
0.75	273,377	1.183	0.935	0	0.000	0.000	0	0.000	0.000
0.80	191,364	0.830	1.010	0	0.000	0.000	0	0.000	0.000
0.85	182,251	0.851	1.019	0	0.000	0.000	0	0.000	0.000
0.90	164,026	0.892	1.032	0	0.000	0.000	0	0.000	0.000
0.95	91,126	0.579	1.103	0	0.000	0.000	0	0.000	0.000
1.00	82,013	0.588	1.116	0	0.000	0.000	0	0.000	0.000
1.05	72,900	0.596	1.127	0	0.000	0.000	0	0.000	0.000
1.10	54,675	0.606	1.146	0	0.000	0.000	0	0.000	0.000

Swift-Katie Mineral Resource
Based on Combined Mineral Resource Categories
Based on a Variable Gold Cutoff

Cutoff (g/mt Au)	Measured			Indicated			Inferred		
	Tonnage (mt)	Au (g/mt)	Cu (%Cu)	Tonnage (mt)	Au (g/mt)	Cu (%Cu)	Tonnage (mt)	Au (g/mt)	Cu (%Cu)
0.05	45,234,461	0.220	0.164	126,800,439	0.183	0.135	376,264,236	0.174	0.107
0.10	28,941,311	0.303	0.191	83,670,976	0.239	0.154	222,472,574	0.244	0.122
0.15	18,607,736	0.403	0.214	50,583,488	0.317	0.173	135,931,162	0.322	0.123
0.20	14,033,261	0.479	0.224	35,857,688	0.376	0.183	91,042,987	0.396	0.117
0.25	9,896,186	0.585	0.251	23,382,675	0.456	0.193	60,060,487	0.485	0.100
0.30	7,408,473	0.690	0.262	17,149,725	0.523	0.195	43,940,475	0.563	0.081
0.35	5,822,898	0.790	0.286	12,739,275	0.593	0.199	33,287,962	0.639	0.064
0.40	4,747,623	0.884	0.303	9,595,462	0.664	0.189	28,139,400	0.687	0.055
0.45	3,945,723	0.978	0.309	8,028,112	0.712	0.184	24,321,262	0.728	0.051
0.50	3,371,635	1.064	0.315	6,989,287	0.747	0.175	19,646,550	0.789	0.051
0.55	3,052,697	1.122	0.315	5,904,900	0.788	0.162	17,505,112	0.822	0.048
0.60	2,742,872	1.184	0.315	4,938,975	0.830	0.150	16,202,024	0.842	0.048
0.65	2,515,059	1.235	0.297	4,064,175	0.874	0.136	15,482,137	0.852	0.050
0.70	2,241,684	1.303	0.302	3,562,987	0.903	0.137	14,333,962	0.866	0.048
0.75	2,004,759	1.371	0.307	3,061,799	0.932	0.127	13,395,375	0.876	0.047
0.80	1,822,509	1.431	0.316	2,615,286	0.959	0.116	11,982,938	0.887	0.047
0.85	1,649,371	1.494	0.318	2,232,561	0.982	0.118	9,139,838	0.905	0.042
0.90	1,521,796	1.546	0.320	1,940,961	0.998	0.125	3,954,825	0.950	0.018
0.95	1,439,783	1.582	0.321	1,567,349	1.015	0.134	2,524,162	0.965	0.000
1.00	1,348,658	1.623	0.327	1,221,074	1.025	0.144	1,704,037	0.963	0.000
1.05	1,248,420	1.672	0.329	874,799	1.025	0.166	1,148,175	0.932	0.000
1.10	1,084,395	1.762	0.340	665,211	1.010	0.194	601,425	0.801	0.000
1.15	1,020,607	0.000	0.000	555,861	0.988	0.205	0	0.000	0.000
1.20	947,707	0.000	0.000	373,611	0.895	0.216	0	0.000	0.000
1.25	920,369	0.000	0.000	218,699	0.659	0.226	0	0.000	0.000
1.30	911,256	0.000	0.000	72,899	0.000	0.262	0	0.000	0.000
1.35	856,581	0.000	0.000	9,111	0.000	1.016	0	0.000	0.000
1.40	820,131	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.45	710,781	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.50	656,106	0.000	0.000	9,110	0.000	3.372	0	0.000	0.000
1.55	628,768	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.60	619,655	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.65	619,655	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.70	528,530	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.75	519,417	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.80	501,192	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.85	473,854	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.90	464,741	0.000	0.000	0	0.000	0.000	0	0.000	0.000
1.95	391,841	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.00	382,728	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.05	318,940	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.10	309,827	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.15	300,714	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.20	255,151	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.25	200,476	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.30	191,363	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.35	173,138	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.40	100,238	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.45	91,125	0.000	0.000	0	0.000	0.000	0	0.000	0.000
2.50	0	0.000	0.000	0	0.000	0.000	0	0.000	0.000