

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Tuesday, May 8, 2007 3:13 PM
To: Schroeter, Tom EMPR:EX
Subject: Copper Ridge Acquires B.C. Copper-Gold Porphyry Deposit

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Copper Ridge Acquires B.C. Copper-Gold Porphyry Deposit
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Vancouver, BC, May 8, 2007 - Copper Ridge Explorations Inc. (the "Company") announces that it has agreed to terms whereby it has the right to acquire a 100% interest in the road accessible NAK porphyry copper-gold deposit, located 80 km northeast of Smithers, British Columbia.

The NAK deposit occurs in a well-mineralized Babine copper-gold porphyry belt that includes the Bell and Granisle mines, the Morrison deposit and numerous undeveloped prospects. The Bell and Granisle mines together produced 130 million tonnes of ore grading 0.4% copper (Cu), 0.15 g/t gold (Au) and 0.75 g/t silver. The NAK property was explored by Noranda in the 1960's and 1970's and more recently by a number of junior exploration companies through the mid 1990's. Copper-gold mineralization at the NAK property is associated with disseminated chalcopyrite, pyrite and local bornite, in and adjacent to quartz-sulphide veinlets within multiple phase porphyry intrusions and local breccia zones.

Historical drilling has included 107 core holes for a total of 15,629 m. Highlights from the most recent drilling include 70.7 m grading 0.248% Cu and 1.166 g/t Au in hole 96-55, 12.5 m grading 2.614% Cu and 0.143 g/t Au in hole 96-58, 18.0 m grading 1.318% Cu and 0.203 g/t Au in hole 96-65 and 21.3 m grading 0.295% Cu and 1.059 g/t Au in hole 96-70. A complete list of the significant intersections from the 1995-96 drilling is included as a table attached to this news release.

Copper Ridge believes there is good potential for the discovery of both higher grade and larger tonnage gold and copper mineralization associated with this deposit. This potential exists where high grade copper-gold veins intersect a favourable host rock, such as conglomerate (hole 96-65, reported above) and along open extensions from the known gold-rich portions of the deposit. The Company is currently in the process of compiling the historical exploration data on the property prior to planning a summer exploration program. It will also examine the feasibility of updating existing resource calculations such that they comply with NI 43-101 standards.

The Company can earn a 100% interest in the NAK property by making payments totaling \$250,000 over 6.5 years, including \$10,000 on signing of the agreement. The vendor is also entitled to additional payments of \$125,000 upon certain exploration milestones being reached. These payments may be taken in shares of the Company at the vendor's option.

The vendor retains a 3% NSR royalty, two-thirds of which can be purchased by the Company for \$1 million. The agreement is subject to regulatory approval.

J. Greg Dawson, P.Geo. and VP Exploration for Copper Ridge, is the Qualified Person for the NAK Property and has reviewed and approved the content of this news release.

Copper Ridge's exploration philosophy focuses on maximizing the potential for success in a high-risk business. With grass roots mineral exploration, where the entry cost is low but the potential reward can be very high, success will be contingent on exploration skill and on carefully managed risk. Our management team brings tenacity, technical skill and experience, all crucial ingredients for discovery. By exploring a broad array of projects, focusing on the right commodities, in areas of high mineral potential and in mining-friendly jurisdictions and by sharing the risks on some projects with joint venture partners, Copper Ridge is exposing its shareholders to a greater chance for discovery. Copper Ridge is well financed for the proposed 2007 field program on its Yukon and British Columbia properties.

Contact:
Gerald G. Carlson, President & CEO

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NAK Property - 1995-96 Drill Results Summary

Drill Hole	From (m)	To (m)	Interval	Cu (%)	Au (g/t)
N95-01	20.80	196.70	175.90	0.180	0.022
N95-02	23.70	253.00	229.30	0.248	0.055
N95-04	19.80	213.40	193.60	0.154	0.017
N95-05	15.20	253.00	237.80	0.151	0.023
N95-12	36.00	135.60	99.60	0.114	0.075
N95-15	5.50	174.00	168.50	0.352	0.646
N95-17	121.90	298.40	176.50	0.193	0.344
N95-21	131.50	539.50	408.00	0.198	0.075
N95-25	75.60	451.10	375.50	0.222	0.043
N95-26	9.10	356.60	347.50	0.110	0.023
N95-27	7.60	140.00	132.40	0.196	0.009
N95-34	24.40	195.10	170.70	0.147	0.102
N96-44	118.90	125.00	6.10	0.272	0.012
N96-44	185.90	198.10	12.20	0.244	0.065
N96-47	105.16	114.60	9.44	0.326	0.012
N96-51	27.43	106.68	79.25	0.200	0.647
N96-51	134.11	142.65	8.54	0.183	0.038
N96-52	45.72	115.82	70.10	0.161	0.168
N96-52	131.06	146.30	15.24	0.162	0.013
N96-54	88.39	106.68	18.29	0.152	0.114
N96-54	158.50	167.64	9.14	0.151	0.041
N96-55	42.06	66.75	24.69	0.439	0.703
N96-55	84.73	155.45	70.72	0.248	1.166
N96-55	169.16	183.79	14.63	0.358	0.101
N96-56	39.62	86.56	46.94	0.245	0.270
N96-56	112.78	161.54	48.76	0.158	0.143
N96-56	180.75	199.64	18.89	0.180	0.113
N96-56	252.98	259.08	6.10	0.189	0.062
N96-56	282.24	297.48	15.24	0.160	0.062
N96-58	97.23	109.73	12.50	2.614	0.143
N96-62	133.20	154.53	21.33	0.015	0.335
N96-64	14.33	50.90	36.57	0.209	0.085
N96-64	72.24	78.33	6.09	0.155	0.053
N96-64	93.57	99.67	6.10	0.412	0.118
N96-65	8.23	14.32	6.09	0.761	0.047
N96-65	96.62	102.72	6.10	0.219	0.053
N96-65	145.40	163.68	17.98	1.318	0.203
N96-66	105.77	121.10	15.33	0.181	0.059
N96-66	124.05	151.49	27.44	0.186	0.062
N96-66	230.73	236.83	6.10	0.164	0.078
N96-66	288.65	316.05	27.40	0.224	0.053
N96-67	26.52	35.65	9.13	0.428	0.169
N96-67	78.33	84.43	6.10	0.249	0.151
N96-67	121.01	127.10	6.09	0.205	0.926
N96-67	172.80	178.92	6.12	0.169	0.131
N96-68	166.73	172.82	6.09	0.164	0.079
N96-70	38.71	60.05	21.34	0.295	1.059
N96-70	75.29	115.52	40.23	0.221	0.650

This release was prepared by management of the Company who takes full responsibility for its contents. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this news release

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Schroeter, Tom EMPR:EX

TFS → ~~AK~~
Nak

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Mon, October 16, 2006 2:05 PM
To: Schroeter, Tom EMPR:EX
Subject: Copper Ridge Options Joss'alun Copper Property to Lomiko Resources

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Re: News Release - Monday, October 16, 2006
Copper Ridge Options Joss'alun Copper Property to Lomiko
Resources
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(Nak)

Copper Ridge Press Release No. 13/2006

TSX Venture Exchange - KRX
Pink Sheets - CRXOF
Berlin - 502845

Vancouver, BC, October 16, 2006 - Copper Ridge Explorations Inc. ("Copper Ridge" or the "Company") announces that it has entered into a property option agreement with Lomiko Resources Inc. ("Lomiko") whereby Lomiko may acquire up to a 60% interest in the Company's 100% owned Joss'alun copper property (the "Property"), located 75 km southeast of Atlin, British Columbia. Lomiko may acquire an initial 51% interest in the Property by issuing 440,000 common shares to the Company, paying \$10,000 cash and incurring \$2,500,000 in exploration expenditures over a four year period. Lomiko may then acquire an additional 9% interest in the Property (for a total of 60%) by issuing an additional 200,000 common shares and by incurring an additional \$1,500,000 in exploration expenditures over the fifth and sixth year period. A portion of the Joss'alun Property is subject to a 1% NSR.

Joss'alun is a recent, high-grade copper massive sulphide discovery made by the BC Geological Survey and acquired by Copper Ridge in 2002. The mineralization consists of a series of lenses of semi-massive chalcopyrite with pyrite, with initial grab samples assaying 3.35% to 10.15% copper, within oceanic basalt volcanic rocks, in a geological environment that appears to be favorable for Besshi-style volcanogenic massive sulphide mineralization, the most famous British Columbia example being Windy Craggy (143 Million tonnes of 1.7% copper).

Imperial Metals (TSX: III) drilled nine holes in September 2003. Holes NAK-03-03 through NAK-03-07 intersected widespread copper mineralization on the Joss'alun Property. Copper occurs as stringers, disseminations and pods of mainly chalcopyrite. Highlights include hole NAK-03-05 with 17.75 and 6.92 metres of 0.94% and 1.15% copper respectively, hole NAK-03-07 with 53.45 and 33.62 metres of 0.34% and 0.41% per cent copper respectively and NAK-03-09 with 3.15 metres of 1.06% copper. These results confirm that the volcanic stratigraphy at Nak hosts considerable copper mineralization over a large area and is open along strike in both directions and to depth.

J. Greg Dawson M.Sc. P. Geo, V.P. Exploration for Copper Ridge, is the Qualified Person for the Joss'alun project.

Copper Ridge's exploration philosophy focuses on maximizing the potential for success in a high-risk business. With grass roots mineral exploration, where the entry cost is low but the potential reward can be very high, success will be contingent on exploration skill and on carefully managed risk. Our management team brings tenacity, technical skill and experience, all crucial ingredients for discovery. By exploring a broad array of projects, focusing on the right commodities, in areas of high mineral potential and in mining-friendly jurisdictions, Copper Ridge is reducing the exploration risks for its shareholders and exposing them to a greater chance for discovery. Copper Ridge is well financed and is enjoying a busy field season on its Yukon and British Columbia properties.

VTS → Nak
(Joss'alun)

Schroeter, Tom EM:EX

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Tuesday, January 18, 2005 12:15 PM
To: Schroeter, Tom EM:EX
Subject: Drill Targets Defined at Joss'alun Copper Prospect

Re: News Release - Tuesday, January 18, 2005
Title: Drill Targets Defined at Joss'alun Copper Prospect

No. 02/2005

Vancouver, BC, January 18, 2005 - Copper Ridge Explorations Inc. (the "Company") announces that Consolidated Norsemont Ventures Ltd. has reported plans for a drill program on the Company's Joss'alun property in British Columbia. The complete text of the release follows:

"Consolidated Norsemont Ventures Ltd. "Norsemont" (TSX-V:NOM) is pleased to report on the final results of an Induced Polarization (IP) geophysical survey completed in late 2004. Joss'alun is a recent copper-rich massive sulphide discovery located near Atlin, British Columbia. Norsemont has the right to earn up to a 75% interest from Copper Ridge Explorations Inc.

At the initial Joss'alun discovery showing, surface grab samples assayed up to 10.15% copper in zones of massive chalcopyrite-pyrite mineralization. Subsequent drilling intersected a stockwork-feeder zone within volcanic rocks. Highlights of this drilling include 0.94% copper over 17.75 meters, 1.15% copper over 6.92 meters, 0.34% copper over 53.45 meters and 0.41% copper over 33.62 meters (see press release of June 8, 2004).

Access to the Joss'alun property will be improved once a road to Redcorp Ventures Ltd.'s proposed Tulsequah Mine Project is built. The construction of an all-weather single lane road would connect the Tulsequah Mine Project with public roads serving the community of Atlin. The planned road will pass within 15 km of the Joss'alun property. A project approval certificate for the Tulsequah Mine Project was issued December 12, 2002 and Redcorp is in the final stages of receiving federal environmental approval.

Norsemont's program consisted of an IP survey totaling 4.6 km along five lines. Results show a good correlation between chargeability and the drill intersected mineralization in the centre of the grid. Mineralization in the drill core consists of disseminated chalcopyrite and pyrite with sulphide minerals averaging less than 5% of the total rock. This results in a weak to moderate IP chargeability response - Anomaly A. This response can be traced both to the east and west of the drill intersections on line 0E. The anomaly strengthens towards the west and is open beyond the westernmost line. In rock without other conductive minerals, such as graphite, the strength of the chargeability generally shows a direct correlation with the percentage of sulphide minerals. No other minerals that would cause a significant chargeability effect have been recognized in the Joss'alun volcanic rocks. In addition, the survey outlined a narrower and stronger near-surface chargeability trend that may represent semi-massive sulphides - Anomaly B.

The Company is now planning a summer 2005 exploration program. This program will include drilling of Anomaly A along its plus 200 m strike length west of the existing drilling. Anomaly B will be tested with trenching, followed by drilling if warranted. Consideration is also being given to extending the geophysical grid to the west as well as broadening the electrode array to test for deeper targets.

The field program was designed and overseen on behalf of Norsemont by J. Greg Dawson P. Geo of Copper Ridge Explorations. The geophysical survey was carried out by Aurora Geosciences Ltd., of Whitehorse. Mr. Dawson is the designated Qualified Person for this project and has reviewed and approved the technical content of this news release."

For further information contact:
Gerald G. Carlson, President & CEO

2005-01-18

TOS → NAK

Schroeter, Tom EM:EX

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Tuesday, October 26, 2004 7:48 AM
To: Schroeter, Tom EM:EX
Subject: Geophysical Survey Completed At Joss'Alun

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Re: News Release - Tuesday, October 26, 2004
Geophysical Survey Completed At Joss'Alun
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Vancouver, BC, October 26, 2004 - Copper Ridge Explorations Inc. (the "Company") announces that Consolidated Norsemont Ventures Ltd. has reported the completion of an Induced Polarization (IP) survey on the Joss'alun property in British Columbia. The complete text of the release follows:

"Consolidated Norsemont Ventures Ltd. (ILN.H) is pleased to announce the completion of an Induced Polarization (IP) survey on its' Joss'alun property, located 75 kilometres south-east of Atlin British Columbia.

Joss'alun is a new copper discovery with surface grab samples assaying up to 10.15% copper. Highlights from diamond drilling by previous operators from the main zone at Joss'alun include 0.94% copper over 17.75 meters, 1.15% copper over 6.92 meters, 0.34% copper over 53.45 meters and 0.41% copper over 33.62 meters (see Copper Ridge Explorations press release of October 16, 2003). These results confirmed that the volcanic stratigraphy at Joss'alun hosts considerable copper mineralization over a large area and is open along strike in both directions and to depth.

The recently completed work consisted of a geophysical survey designed to test the IP response of the known mineralization as well as to test the strike extension of the prospective volcanic stratigraphy defined by previous work. The goal of the work program is to define drilling targets for the next phase of exploration on the Joss'alun property.

The IP data is currently being processed and interpreted by Aurora Geosciences Ltd of Whitehorse, the contractor hired to conduct the survey. Final interpreted results will be released shortly. The interpretation work is being overseen by Mike Power, P.Geo. The program was designed and overseen on behalf of Norsemont by J. Greg Dawson P.Geo of Copper Ridge Explorations."

Copper Ridge has been highly successful in securing twelve large-scale, early-stage gold and copper properties in the Yukon, Alaska, B.C. and Mexico -- five of which are under option to mineral exploration companies. This strategy enables Copper Ridge to minimize risk and financial exposure while maximizing the chances for exploration success and freeing up resources to seek out prime new acquisitions. Copper Ridge is well financed and has just completed a busy field season on its Yukon properties.

For further information contact: Copper Ridge Explorations Inc.

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Schroeter, Tom EM:EX

TGS → NAK

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Tuesday, June 08, 2004 9:40 AM
To: Schroeter, Tom EM:EX
Subject: Copper Ridge Farms Out Joss'alun Copper Property

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Re: News Release - Tuesday, June 08, 2004
Copper Ridge Farms Out Joss'alun Copper Property (NAK)
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News Release No. 14/2004

Vancouver, BC, June 8, 2004. Copper Ridge Explorations Inc. ("Copper Ridge") is pleased to announce it has signed a Letter of Intent with Consolidated Norsemont Ventures Ltd. ("Norsemont") whereby Norsemont will have the right to earn up to a 75% interest in the Joss'alun copper project, Atlin area, northern British Columbia. The letter of intent is to be replaced by a formal option agreement upon satisfactory conclusion of Norsemont's due diligence. Joss'alun is a recent, high-grade copper massive sulphide discovery, with assays up to 10.15% copper made by the British Columbia Geological Survey ("BCGS") and acquired by Copper Ridge in 2002. Norsemont plans an initial program of prospecting, sampling and geophysics to refine drill targets.

The mineralization at Joss'alun consists of a series of lenses of semi-massive chalcopyrite with pyrite within oceanic basalt volcanic rocks, in a geological environment that appears to be favourable for Besshi-style volcanogenic massive sulphide mineralization, the most famous British Columbia example being Windy Craggy (143 Million tones of 1.7% copper).

Imperial Metals (TSX: III) drilled nine holes totaling 1,511 metres in September 2003. Holes NAK-03-03 through NAK-03-07 intersected widespread copper mineralization on the Joss'alun property. Copper occurs as stringers, disseminations and pods of mainly chalcopyrite. Highlights include hole NAK-03-05 with 17.75 and 6.92 metres of 0.94% and 1.15% copper respectively, hole NAK-03-07 with 53.45 and 33.62 metres of 0.34% and 0.41% per cent copper respectively and NAK-03-09 with 3.15 metres of 1.06% copper. These results confirm that the volcanic stratigraphy at Nak hosts considerable copper mineralization over a large area and is open along strike in both directions and to depth.

Al Doherty, P. Geo, of Aurum Geological Consultants is the Company's Qualified Person as defined in National Instrument 43-101 who has reviewed and approved the technical content of this news release.

Under the terms of the LOI, Norsemont can earn up to a 60-per-cent interest in the property by paying \$5,000, issuing a total of 300,000 common shares to Copper Ridge, and incurring a total of \$2.0-million in exploration expenditures on the property in stipulated annual installments over a 6-year period. Norsemont can increase its interest to 75% by completing a feasibility study and issuing an additional 250,000 common shares. The agreement is subject to regulatory approval and board approval of both companies.

Copper Ridge has been highly successful in securing ten large-scale, early-stage gold and copper properties in the Yukon, Alaska and Mexico. This strategy enables Copper Ridge to minimize risk and financial exposure while maximizing the chances for exploration success and freeing up resources to seek out prime new acquisitions. Copper Ridge is well financed and anticipates another busy field season on its

Schroeter, Tom EM:EX

TS → NAK

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Friday, February 27, 2004 11:14 AM
To: Schroeter, Tom EM:EX
Subject: Joss'alun Copper Property Update

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Re: News Release - Friday, February 27, 2004
Joss'alun Copper Property Update
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No. 07/2004

Vancouver, BC, February 27, 2004 - Copper Ridge Explorations Inc. announces that Imperial Metals Corporation will not be proceeding with its option on the Joss'alun copper property in northern B.C.

Joss'alun is a high-grade copper discovery with surface samples assaying up to 10.15% copper. During the 2003 field season, Imperial Metals completed a program of geological mapping, soil sampling and 1,511 meters of diamond drilling in nine holes. In its news release of October 16, 2003, Copper Ridge reported drilling highlights from this program including 0.94% copper over 17.75 meters, 1.15% copper over 6.92 meters and 0.34% copper over 53.45 meters (see table below).

Drill Hole #	From (m)	Length(m)	Cu%
NAK-03-03	41.50	68.06	0.21
including	41.50	6.90	0.30
and	60.48	49.08	0.24
and	100.10	9.46	0.87
NAK-03-04	43.79	57.03	0.10
including	65.00	28.15	0.12
and	196.83	6.01	0.44
NAK-03-05	19.13	17.75	0.94
including	26.70	6.92	1.15
NAK-03-06	14.46	42.09	0.20
including	23.73	15.37	0.32
and	42.10	14.45	0.20
NAK-03-07	143.38	53.45	0.34
including	143.38	7.98	0.36
and	163.21	33.62	0.41
NAK-03-09	20.45	3.15	1.06

Copper mineralization observed to date includes both massive, stratiform lenses and stockwork feeder mineralization. Based on all work completed to date, Copper Ridge strongly believes that there is excellent potential for significant VMS style mineralization on the Joss'alun property. Copper Ridge will be seeking a new partner for this high-grade copper exploration play.

Copper Ridge has been highly successful in securing nine large-scale, early-stage gold and copper properties in the Yukon, Alaska and Mexico - two of which are under option to mining exploration companies including Kennecott Canada. This strategy enables Copper Ridge to minimize risk and financial exposure while maximizing exploration success and freeing up resources to seek out prime new acquisitions. With the recently added Quitovac gold property in Sonora, Mexico, the Company now has a twelve-month exploration season. Copper Ridge is well financed and is in the planning stages of a drill program in Mexico and another busy field season on its Northern properties.

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This release was prepared by management of the Company who takes full responsibility for its contents. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this news release.

- 30 -

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Message sent on Fri Feb 27, 2004 at 11:12:16 AM Pacific Time
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TAS → NAK

From: Lefebure, Dave EM:EX
Sent: Thursday, August 28, 2003 1:14 PM
To: Barbara Walman (E-mail); Chris Nelson (E-mail); Claudia Logan (E-mail); Colleen Sweet (E-mail); Debbie Parhar (E-mail); Derek Brown (E-mail); Doug Callbeck (E-mail); Duane Anderson (E-mail); Fred Hermann (E-mail); Gerald German (E-mail); Greg McKillop (E-mail); James Marshall (E-mail); John Errington (E-mail); Karen Koncohrada (E-mail); Marylou PAB:EX Wakefield (E-mail); Mike Carter (E-mail); Rhonda De Champlain (E-mail); Rick Conte (E-mail); Ross Curtis (E-mail); Shawn Robins (E-mail); Steve Simons (E-mail)
Cc: Lane, Bob; Mike Cathro (E-mail); Terry David (E-mail); Wojdak, Paul; Julie Hutchins (E-mail); Alldrick, Dani EM:EX; de Groot, Laura EM:EX; Desjardins, Pat EM:EX; Diakow, Larry EM:EX; Gib McArthur (E-mail); Grant, Brian EM:EX; Jamie Pardy (E-mail); Jones, Larry EM:EX; Lefebure, Dave EM:EX; Legun, Andrew EM:EX; Lett, Ray EM:EX; Logan, Jim EM:EX; Massey, Nick EM:EX; Mihalynuk, Mitch EM:EX; Nelson, JoAnne EM:EX; Nixon, Graham EM:EX; Schiarizza, Paul EM:EX; Schroeter, Tom EM:EX; Simandl, George EM:EX; Webster, Ian EM:EX; Wilcox, Allan EM:EX
Subject: MEM Geoscience Survey Results in Company Drilling

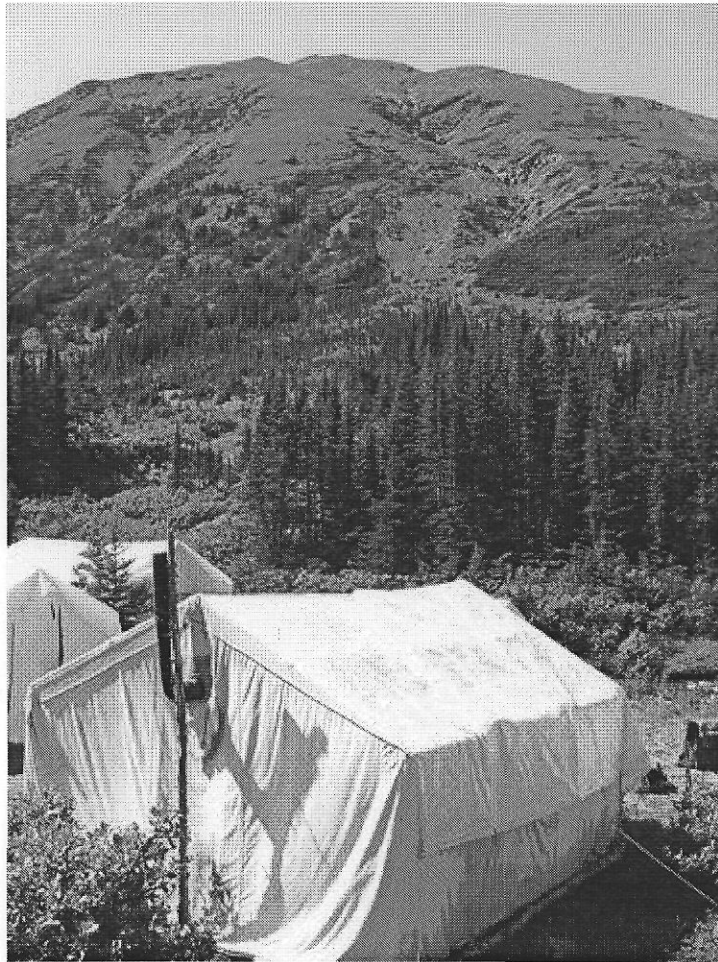
MEM Geoscience Results Lead Directly to Company Drilling the Joss'alun Discovery

Highlights

- MEM geoscience field staff discovered the Joss'alun copper showing in a relatively remote area of northwestern BC in the summer of 2002.
- Release of government survey results in the fall of 2002 led to a 3 company staking rush.
- Imperial Metals Corporation now controls all the claims in the area (Nak property).
- Surface exploration on the claims by Imperial Metals has produced positive results and they are starting to drill the property.
- This is an example of how new geoscience data attracts investment of exploration dollars, even in remote areas that are costly to explore.



MEM geologist Mitch Mihalynuk departing from his "taxi" to the Nak property near the Joss'alun occurrence.



View of the area of the Joss'alun occurrence showing the Imperials Metals exploration camp in the foreground.

Background

- MEM completed a geoscience surveys south of Atlin during the summers of 2001, 2002 and 2003.
- The Joss'alun occurrence was discovered on the last day of traversing of the 2002 field season. Located 75 kilometres southeast of Atlin, it accessible only by helicopter.
- Five samples collected for assay returned high values of copper ranging from 3.49 to 10.15% copper (For reference, the ore reserves form the Myra Falls mine on Vancouver Island roughly 2% Cu with other important values for gold, silver and zinc).
- Imperial Metals completed a geophysical survey in 2002 and prospecting, soil sampling and geological mapping exploration in July 2003.
- The Geosciences, Research and Development Branch has a 2003 P3 (private-public partnership) project with Imperial Metals in the Atlin region.
- The Nak property is a grass roots exploration effort that may lead eventually to the discovery of a new mine. BC requires exploration on hundreds of grass roots mineral exploration properties to find the new metal mines needed to sustain the industry.

Dave

David Lefebvre

Schroeter, Tom EM:EX

TOS → GSB
- Progr. Rep.

From: Hutchins, Julie EM:EX on behalf of Lefebure, Dave EM:EX
Sent: Friday, July 18, 2003 11:05 AM
To: Anderson, Duane EM:EX; Brown, Derek ; Carter, Michael EM:EX; Curtis, Ross EM:EX; EM - GSB DL; German, Gerald EM:EX; Koncokrada, Karen EM:EX; Logan, Claudia EM:EX; McKillop, Greg; Roberts, Steve EM:EX
Subject: FW: Progress Report July18, 2003

Geosciences and Research and Development Branch Progress Report July 18, 2003

Executive Highlights

- Dave Lefebure visited Dease Lake the week of July 7 and met with Tahltan First Nation to discuss participation on Ministry field parties and prospector training initiatives.
- Tom Schroeter has revised his forecast of exploration expenditures downward to the ~\$50 million range from an earlier forecast of \$60-80 million. This is due to the continuing difficulty of junior mining companies trying to raise exploration financings

In the News

- The Premiers at the 44th Annual Premiers Conference in Charlottetown PEI, on July 9-11, included direction to their Ministers to develop an action plan for a National Diamond Strategy. The Premiers will invite the federal government and other stakeholders to join the provinces and territories in the development of this important national initiative started at the Western Premiers meeting earlier this spring. Brian Grant of the Geosciences and Research and Development Branch is the provincial representative on this national committee.

Basia Compliance Energy has been awarded its first coal supply contract for its new coal mine located near Princeton, B.C. The contract is for the total supply of thermal coal to one plant of a leading cement producer in British Columbia.

- Redcorp Ventures' wholly owned subsidiary, Redfern Resources Ltd., has completed the first five holes of the 2003 drill program at the Tulsequah Chief property. Initial results are encouraging.
- InfoMine, an international exploration, mining and investment internet news provider linked it's B.C. properties to the Ministry's mineral inventory web page at www.MINFILE.ca.

Activities

- Nick Massey reports that two more tiles of the British Columbia Digital Geology map are complete and ready for release. Only two more tiles (Central BC and QCI) remain to finished before the complete provincial compilation can be released.
- Allan Wilcox assisted Ron Smyth in scanning a picture of the offshore oil rig in Victoria Harbour that was used in the Queen Charlottes oil exploration.
- Dani Alldrick and JoAnne Nelson have mobilized into the Eskay Creek area to initiate geological mapping north of the mine in poorly surveyed rocks. Dani has just hired two of the Tahltan band to act as field assistants in the mapping work.
- Follow-up work on the Joss'alun occurrence under a partnership with Imperial Metals is going very well. Mitch has completed mapping around the immediate discovery area and has considerable new information on the local geology. Mitch and researchers from UVic are now in fly-camps to carry out more regional research, particularly into the ultramafic and volcanic rocks in the area.
- Paul Schiarizza is mobilizing to the Toodoggone area where he will initiate a major mapping program south of the Kemess Mine, and which will complement regional mapping work being done by Larry Diakow north of the mine. The Minister is reported to had have a successful site visit to Kemess in the past week.

Upcoming Events

Event	Date	Location
GSB Fall Speaking Tour	mid-Oct	Cranbrook, Nelson, Kamloops, etc
Mineral Exploration Group??	Fall	Denver

Submitted by:

Schroeter, Tom EM:EX

TR → Joss'alun

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Wednesday, July 09, 2003 8:56 AM
To: Schroeter, Tom EM:EX
Subject: Copper Ridge Farms Out Joss'alun Copper Project

=====
Re: News Release - Wednesday, July 09, 2003
Copper Ridge Farms Out Joss'alun Copper Project
=====

No. 09/2003

Vancouver, BC, July 9, 2003. Copper Ridge Explorations Inc. (the "Company") is pleased to announce it has reached an agreement with Imperial Metals Corporation ("Imperial") whereby Imperial will have the right to earn a 100% interest in Copper Ridge's Joss'alun copper project, Atlin area, northern British Columbia. Joss'alun is a new, high grade copper discovery made by the British Columbia Geological Survey and acquired by Copper Ridge last year. Imperial plans a field program of mapping and geophysics, to be followed by drilling if warranted.

Terms of the agreement are that Imperial will pay \$10,000 to Copper Ridge on signing and issue 100,000 shares over one year plus an additional 100,000 shares after \$2.5 million has been spent on the property. Copper Ridge will retain a 2% Net Operating Profits Royalty which can be purchased by Imperial for \$3 million. The agreement includes an adjoining property acquired by Copper Ridge from Tenajon Resources Corp. ("Tenajon" - see news release dated 28 March 2003). Imperial will be responsible for cash payments due to Tenajon while Copper Ridge will be responsible for share issuances.

Copper Ridge has successfully pursued a strategy of optioning its portfolio of properties to well qualified partners. Active field programs are being funded by third parties on four of Copper Ridge's projects, significantly enhancing the Company's leverage while minimizing dilution. In 2003, up to \$2 million will be expended by third parties testing and drilling primarily gold and copper-gold targets. The Company's Lucky Joe/Shamrock copper-gold property is under option to Kennecott Canada Exploration Ltd., the Yukon Olympic IOCG (Olympic Dam) copper-gold property is under option to Canadian Empire Exploration Ltd. and the Scheelite Dome gold project is under option to Yardley Capital Inc. Copper Ridge also holds a 100% interest in the Ogopogo property, 4 km from the Pogo gold deposit in Alaska. Copper Ridge's focus is on the discovery of deposits with world class potential, emphasizing gold and copper-gold in Yukon and Alaska.

Contact:

Gerald G. Carlson, President
Copper Ridge Explorations Inc.
Suite 500 -- 625 Howe Street
Vancouver, B.C. V6C 2T6
Phone: 604-688-0833; 1-888-278-2288
Fax: 604-688-0835
info@copper-ridge.com

This release was prepared by management of the Company who takes full responsibility for its contents. The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this news release.

Schroeter, Tom EM:EX

TGS → Joss'alun

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Wednesday, January 29, 2003 8:41 AM
To: Schroeter, Tom EM:EX
Subject: Copper Ridge Acquires New Joss'Alun Claims

SW - Jan 30/03

=====
Re: News Release - Wednesday, January 29, 2003
Copper Ridge Acquires New Joss'Alun Claims
=====

Vancouver, BC, January 29, 2003. Copper Ridge Explorations Inc. (the "Company") reports that it has reached an agreement to acquire 42 claim units, or approximately 1,550 hectares in three non-contiguous blocks adjacent to its new Joss'alun high grade copper discovery. Samples collected from the new discovery included 7.33% copper over 35 cm, 3.35% copper over 90 cm and grab samples of 7.34% copper, 10.15% copper and 7.55% copper. The discovery is located 75 km southeast of Atlin, British Columbia and only 22 km from the proposed access route for the Tulsequah Chief Mine. The Company believes that this new discovery may be indicative of a significant massive sulfide occurrence on the property.

One of the new claim groups is contiguous with the original Copper Ridge discovery claims and covers altered and gossanous rocks that appear to cover the strike extension of the mineralized horizon. The other claims cover a magnetic anomaly and areas of anomalous stream geochemistry with geology similar to the new Joss'alun discovery.

Terms of the acquisition, from Tenajon Resources Corp., include \$10,000 and 100,000 shares over two years, plus 100,000 share purchase warrants with an exercise price of \$0.15 for two years. Tenajon will retain a 1% NSR, half of which can be purchased for \$250,000. The agreement is subject to regulatory approval.

Copper Ridge is committed to the creation of wealth through aggressive exploration and discovery.

Contact: Gerald G. Carlson, President
Copper Ridge Explorations Inc.
Suite 500 -- 625 Howe Street
Vancouver, B.C. V6C 2T6
Phone: 604-688-0833; 1-888-278-2288
Fax: 604-688-0835
mailto:info@copper-ridge.com
http://www.copper-ridge.com/

=====
Copyright (c) 2002 COPPER RIDGE EXPLORATIONS INC. (KRX) All rights reserved. For more information visit our website at <http://www.copper-ridge.com/> or send mailto:info@copper-ridge.com
Message sent on Wed Jan 29, 2003 at 8:38:49 AM Pacific Time
=====

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Monday, December 16, 2002 3:00 PM
To: Lefebure, Dave EM:EX
Subject: RE: Copper Ridge News Release about Acquiring GSB Discovery

FYI - I put the bug in Gerry's ear about this at NWMA. Glad to see he was 'right on it'.

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: Lefebure, Dave EM:EX
Sent: Monday, December 16, 2002 1:35 PM
To: Carter, Michael EM:EX; Curtis, Ross EM:EX; Murphy, Maureen PAB:EX
Cc: Alldrick, Dani EM:EX; de Groot, Laura EM:EX; Desjardins, Pat EM:EX;
Diakow, Larry EM:EX; Gib McArthur (E-mail); Grant, Brian EM:EX; Jones,
Larry EM:EX; Lefebure, Dave EM:EX; Legun, Andrew EM:EX; Lett, Ray EM:EX;
Logan, Jim EM:EX; MacIntyre, Don EM:EX; Maggie Dittrick (E-mail);
Massey, Nick EM:EX; Mihalyuk, Mitch EM:EX; Nelson, JoAnne EM:EX; Nixon,
Graham EM:EX; Schiarizza, Paul EM:EX; Schroeter, Tom EM:EX; Simandl,
George EM:EX; Webster, Ian EM:EX; Wilcox, Allan EM:EX
Subject: Copper Ridge News Release about Acquiring GSB Discovery

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

From: Copper Ridge Explorations Inc. [mailto:info@copper-ridge.com]
Sent: Monday, December 16, 2002 12:15 PM
To: Lefebure, Dave EM:EX
Subject: Copper Ridge Acquires New High Grade Copper Discovery

=====
Re: News Release - Monday, December 16, 2002
Copper Ridge Acquires New High Grade Copper Discovery
=====

No. 25/2002

Vancouver, BC, December 16, 2002. Copper Ridge Explorations Inc. (the "Company") is pleased to announce the acquisition of a 100% interest in the new Joss'alun high grade copper massive sulphide discovery, with assays up to 10.15% copper. The discovery is located 75 km southeast of Atlin, British Columbia and only 22 km from the proposed access route for the Tulsequah Chief Mine, which has just received B.C. government approval for development*.

The discovery was made by a B.C. Ministry of Energy and Mines field mapping crew under the direction of Mitch Mihalyuk, P.Geo. Samples collected by the field crew within the discovery area included 7.33% copper over 35 cm,

Schroeter, Tom EM:EX

VGS → Joss'alun

From: Copper Ridge Explorations Inc. [info@copper-ridge.com]
Sent: Monday, December 16, 2002 12:15 PM
To: Schroeter, Tom EM:EX
Subject: Copper Ridge Acquires New High Grade Copper Discovery

=====
Re: News Release - Monday, December 16, 2002
Copper Ridge Acquires New High Grade Copper Discovery
=====

No. 25/2002

Vancouver, BC, December 16, 2002. Copper Ridge Explorations Inc. (the "Company") is pleased to announce the acquisition of a 100% interest in the new Joss'alun high grade copper massive sulphide discovery, with assays up to 10.15% copper. The discovery is located 75 km southeast of Atlin, British Columbia and only 22 km from the proposed access route for the Tulsequah Chief Mine, which has just received B.C. government approval for development*.

The discovery was made by a B.C. Ministry of Energy and Mines field mapping crew under the direction of Mitch Mihalynuk, P.Geo. Samples collected by the field crew within the discovery area included 7.33% copper over 35 cm, 3.35% copper over 90 cm and grab samples of 7.34% copper, 10.15% copper and 7.55% copper. This is a brand new discovery in a previously unexplored area. The Company believes that this new discovery may be indicative of a significant massive sulfide occurrence on the property.

The mineralization consists of a series of lenses of semi-massive chalcopyrite with lesser pyrite within oceanic basalt volcanic rocks, in a geological environment that appears to be favourable for Besshi-style volcanogenic massive sulphide mineralization, the most famous British Columbia example being Windy Craggy. The reader is referred to the web page <http://www.em.gov.bc.ca/DL/GSBPubs/news/jossalun-discovery.pdf> for a complete description of the new discovery.

The Company has acquired a 100% interest in the property for the cost of staking, subject to regulatory approval.

On Behalf of the Board of Directors

"Gerald G. Carlson"
Gerald G. Carlson, Ph.D., P. Eng.
President and CEO

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release. This news release may contain forward-looking statements including but not limited to comments regarding the timing and content of upcoming work programs, geological interpretations, receipt of property titles, potential mineral recovery processes, etc. Forward-looking statements address future events and conditions and therefore, involve inherent risks and uncertainties. Actual results may differ materially from those currently anticipated in such statements.

* See <http://www.eao.gov.bc.ca/project/mining/tulsequa/home.htm> for further information of the Tulsequah Chief approval.

=====
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Schroeter, Tom EM:EX

TOS → Joss'alun

From: Lefebure, Dave EM:EX
Sent: Tuesday, October 15, 2002 8:40 AM
To: Ainsworth, Ben (E-mail); Bradshaw Peter (E-mail); Cameron Robert (E-mail); Colvine Sandy (E-mail); Daley Fred (E-mail); David Caulfield (E-mail); Ian Thomson (E-mail); Jacques Houle (E-mail); Lindsay Bottomer (E-mail); Peter Holbek (E-mail); Rowins Steve (E-mail); Tom Schroeter (E-mail); Wayne Roberts (E-mail)
Cc: Grant, Brian EM:EX; McArthur, Gib EM:EX; Mihalynuk, Mitch EM:EX; Passmore, Kim EM:EX; Schroeter, Tom EM:EX
Subject: BC Geological Survey Joss'alun Discovery Update

On Sept 13th, Ministry released information and location of the **Joss'alun massive sulphide discovery** located 75 km southeast of Atlin, BC. Over 2 dozen industry clients attended presentation in Vancouver; 35 email and telephone enquires received during the week. Sample Assay data in percent from the strongest mineralization within a ~10 x 30 m area near the center of the zone are grab samples with 7.34% Cu, 10.15% Cu and 7.66% Cu and a 90cm chip: 3.35% Cu and 35cm chip: 7.33% Cu. A description of the discovery with pictures is posted to our web site.

<http://www.em.gov.bc.ca/Mining/Geolsurv/WhatsNew/default.htm#Announcements>

Showing staked by Al Doherty working for Gerry Carlson who guessed that the discovery was in the area mapped by Mitch Mihalynuk this summer. Al was sitting in a helicopter in the middle of Mitch's map area at 2pm on the 13th. Gerry phoned him with the coordinates and Al threw up some 2-post claims over the exposed mineralization. About 20 minutes later, Jim and Bill Wallace representing Northair flew in from Dease Lake and staked 6? claims in the opposite direction.

Imperial Metals had bet that it was the Bella Coola mapping project that had made the find and was prepared to deploy from Port Hardy. After the release they quickly flew up to Atlin, but arrived after dark and could not land. They landed at Whitehorse and flew in the next morning to stake a 2 kmx2 km area.

Dave

David Lefebure

Acting Director/Chief Geologist
BC Geological Survey Branch

(250) 952-0374

TGS → Joss'alun

Schroeter, Tom EM:EX

From: Mihalynuk, Mitch EM:EX
Sent: Thursday, September 26, 2002 10:41 AM
To: Schroeter, Tom EM:EX
Subject: RE: Interview - CFTK TV/Radio (Terrace)

You're a good man Tom!

M

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

> **From:** Schroeter, Tom EM:EX
> **Sent:** Thursday, September 26, 2002 9:36 AM
> **To:** Murphy, Maureen PAB:EX
> **Cc:** Curtis, Ross EM:EX; Simons, Steven J EM:EX; Wojdak,
> Paul EM:EX; Lefebure, Dave EM:EX; Mihalynuk, Mitch EM:EX
> **Subject:** Interview - CFTK TV/Radio (Terrace)
> **Importance:** High

> Maureen, Re- Joss'alun Discovery: I just gave an interview to
> reporter, Cathy Brooks, with CFTK TV/Radio in Terrace. The
> 'format' was very similar to the one I gave to CHNL Radio
> (Kamloops) a few days ago (i.e. strictly scientific/technical
> - no policy/politics).
> Mike Cathro told me he heard me on the local (Kamloops) radio
> earlier and that I did a "Good Job" (hope so).

> **Tom**

> Tom Schroeter, P.Eng./P.Geo.
> Senior Regional Geologist
> Resource Development Division
> Ministry of Energy and Mines
>
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> email tom.schroeter@gems6.gov.bc.ca
> Autotel 604 662-9091
>

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Thursday, September 26, 2002 9:36 AM
To: Murphy, Maureen PAB:EX
Cc: Curtis, Ross EM:EX; Simons, Steven J EM:EX; Wojdak, Paul EM:EX; Lefebure, Dave EM:EX; Mihalynuk, Mitch EM:EX
Subject: Interview - CFTK TV/Radio (Terrace)
Importance: High

Maureen, Re- Joss'alun Discovery: I just gave an interview to reporter, Cathy Brooks, with **CFTK TV/Radio in Terrace**. The 'format' was very similar to the one I gave to CHNL Radio (Kamloops) a few days ago (i.e. strictly scientific/technical - no policy/politics).

Mike Cathro told me he heard me on the local (Kamloops) radio earlier and that I did a "Good Job" (hope so).

Tom

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Autotel 604 662-9091

Schroeter, Tom EM:EX

TGS → Joss' alum

From: Murphy, Maureen PAB:EX
Sent: Tuesday, September 24, 2002 1:52 PM
To: Schroeter, Tom EM:EX; Lefebure, Dave EM:EX
Cc: Curtis, Ross EM:EX; Simons, Steven J EM:EX; Wojdak, Paul EM:EX
Subject: RE: Radio Interview - CHNL

OK Tom, I trust your judgment. Just a reminder so we don't have folks throughout the ministry getting into the habit.
Cheers, M

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

From: Schroeter, Tom EM:EX
Sent: September 24, 2002 1:31 PM
To: Murphy, Maureen PAB:EX; Lefebure, Dave EM:EX
Cc: Curtis, Ross EM:EX; Simons, Steven J EM:EX; Wojdak, Paul EM:EX
Subject: RE: Radio Interview - CHNL

Maureen, I know where you are coming from and I fully agree. However, in cases where the questions/interview are strictly of a more 'technical' (i.e. non-policy or political) nature, I can tell you with some great experience that if I tell a caller that I will need to get approval from Headquarters, the chances are very great that the caller will NOT call back - either with respect to the current matter - but, worse - may never call again. To my way of thinking, this is counter-marketing.

Tom

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

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Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

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

From: Murphy, Maureen PAB:EX
Sent: Tuesday, September 24, 2002 10:39 AM
To: Lefebure, Dave EM:EX
Cc: Curtis, Ross EM:EX; Schroeter, Tom EM:EX; Simons, Steven J EM:EX; Wojdak, Paul EM:EX
Subject: RE: Radio Interview - CHNL

Thanks Dave. I'm sure it went well and will ask Media Monitoring to look into. In future, can you please ask folks to let me or Steve Simons know before an interview takes place. Steve/I will let you know if it's OK to be spokesperson on a subject and if there are any issues to consider from our perspective. Cheers, Maureen

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

From: Lefebure, Dave EM:EX
Sent: September 24, 2002 9:23 AM
To: Murphy, Maureen PAB:EX
Cc: Curtis, Ross EM:EX; Schroeter, Tom EM:EX; Simons, Steven J EM:EX; Wojdak, Paul EM:EX
Subject: FW: Radio Interview - CHNL

FYI

Dave

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

From: Schroeter, Tom EM:EX
Sent: Tuesday, September 24, 2002 9:08 AM
To: Lefebure, Dave EM:EX
Cc: Curtis, Ross EM:EX; Mihalyuk, Mitch EM:EX; Cathro, Mike EM:EX; Grant, Brian EM:EX
Subject: Radio Interview - CHNL

Gentlemen - FYI - I just gave an interview (Jim Harrison) to CHNL Radio concerning the Joss'alun discovery,

Tom

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

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Autotel 604 662-9091

Schroeter, Tom EM:EX

From: Wojdak, Paul EM:EX
Sent: Friday, September 20, 2002 10:41 AM
To: Bob Lane; Jacques Houle; Mike Cathro; Terry, David EM:EX; Bergen, Wally EM:EX; Bill Price; Bruce Graff; Daryl Hanson; Doug Flynn; Elaine Konschuh; Gleason, Nancy EM:EX; Jill Pardoe; Van Zalingen, Sylvia EM:EX; Wesley Kennedy
Cc: Dave Lefebure; Duane Anderson; Gib McArthur; Grant, Brian EM:EX; Guthrie, Shelley EM:EX; Logan, Jim EM:EX; MacIntyre, Don EM:EX; Malott, Mary Lou SRM:EX; Mihalynuk, Mitch EM:EX; Nelson, JoAnne EM:EX; Rick Conte; Tom Schroeter
Subject: Northwest Geology to Sept 20, 2002

Joss'alun Copper - Discovered by Mitch Mihalynuk on the final field day of the Nakina program, a proven private-sector technique to ensure follow-up work. Events after the release -

- Al Doherty (Aurum Geological, in Whitehorse) was first on the scene on Sept 13 and staked KNAK (two 2-post claims) for Gerry Carlson (veteran and successful explorationist) using Discovery Helicopters out of Atlin.
- Jim and Bill Wallis, stakers for the Dave Visagie (Northair Group), arrived twenty minutes after Doherty, having been forced to use Pacific Western Helicopters (from Dease Lake). They staked the D claims (eight 2-post claims) to the northwest of the KNAK claims. Like Carlson/Doherty, Visagie had deduced that the release was likely in the Atlin area and, prior to the release, Visagie researched Mihalynuk's 2001 fieldwork report. As a result, Visagie/Northair staked 30 units on RGS anomalies in felsic volcanic rocks (between Horsefeed and Paint Creeks) and 6 units on a magnetic anomaly 6 km from the Joss'alun discovery. The latter was based on study of magnetic maps in the Smithers office.
- Steve Robertson, acting for Imperial Metals, arrived in Atlin on Sept 14 (having guessed incorrectly the release was in the Bella Coola area) and staked 16 DARK claims, using Discovery Helicopters. These overlap and extend southeast of Doherty's claims. Robertson and his prospector/staker assistant are impressed with the mineralized zone and pleased with the potential of their claims.

Kerr-Sulphside - Acquired by Noranda, by option agreement with Seabridge Gold. Noranda has had a long-standing interest in the property. Last September, Tom Schroeter and I showed Robin Adair (expl manager) and Mike Savell (senior geologist) the location of Kerr drill and, in the Smithers office, I gave Savell access to rocks and photos for their presentation to Noranda management. No agreement was reached with Seabridge at that time, but clearly interest in the property remained. Resource estimates by Placer Dome:

- Kerr - 140.8 million tonnes @ 0.75% Cu, 0.36 g/t Au (0.4% Cu cutoff)
- Sulphurets Gold - 54.8 million tonnes @ 1.02 g/t Au (0.5 g/t Au cutoff)

Mike Savell suggests Placer Dome focused on these two zones and did not explore the rest of the property. Noranda thinks the area has exceptional potential for a Cu-Au deposit and plans a property-wide assessment with probably no drilling in the first year.

Foremore - Property visit (Sept 15) sponsored by Roca Mines to see new Zn-Pb-(Ag-Au) showing. Fifteen people participated (Rimfire/Equity Engineering, investors/brokers, investors, gov't geologists). In situ mineralization discovered by prospector Lorne Warren (property vendor) on this enigmatic VMS-float prospect. Five centimetres of new snow obscured the shallow rock trenches, mainly blasted along strike exposing mineralization over approximately 100 m length and 3-5? metre width. Uncertain if host rocks are Paleozoic or Mesozoic. Assays not done yet.

Praxis - Northgate has optioned the western half of the property. Drilling was in progress on Sept 17 (4th of a 5-hole, 2000 m program) to test EM anomalies in a Salmon River Formation, basalt/mudstone/rhyolite sequence. Initially considered an Eskay Creek setting, the target has evolved to an Anyox-Granduc massive sulphide deposit. Praxis Goldfields has retained the eastern half of the property (Rhyolite ridge) and will drill several holes targeting EM anomalies near a mudstone/rhyolite contact, with anomalous zinc geochemistry. The program is expected to conclude about Oct 1.

Eskay Creek - Exploration budget reduced by \$0.6 million as Barrick diverts funds to Peru. Surface drilling (directed by Ian Dunlop) is being terminated earlier than expected and will total about 13,500 metres (16,100 m in 2001). Primary mercury litho-geochemistry proving to be a useful exploration technique; Hg halo in mudstone is broader than gold. Mine geologists are focused on planning for remaining life of the mine. Blending of marginal grade ore to offset mercury-antimony-arsenic penalties in high grade direct-shipping and mill ore is a key strategy in extending mine life (presently estimated to be 2008). As the production rate is steadily increased, the impact of new zones diminishes. The new 44 zone, though not completely defined, may only represent 3-4 months of production. Visited on Sept. 16 with Tom

Schroeter, Tom EM:EX

From: Grant, Brian EM:EX
Sent: Friday, September 13, 2002 2:00 PM
To: Grant, Brian EM:EX
Cc: Wilcox, Allan EM:EX; Brian <SHAW> (E-mail); Cattermole, Christy EM:EX; Logan, Claudia EM:EX; Lefebure, Dave EM:EX; Jakobsen, Dorthe SRM:EX; Hermann, Fred EM:EX; German, Gerald EM:EX; McArthur, Gib EM:EX; Houle, Jacques EM:EX; Lewis, Jim E EM:EX; Errington, John EM:EX; Bellefontaine, Kim EM:EX; Passmore, Kim EM:EX; Jones, Larry EM:EX; de Groot, Laura EM:EX; deleted - 020706 - Murphy, Maureen EM:EX; Carter, Michael EM:EX; Cathro, Mike EM:EX; Fournier, Mike EM:EX; Van Oort, Bou EM:EX; Wojdak, Paul EM:EX; Conte, Rick EM:EX; Schmitt, Rolf SRM:EX; Curtis, Ross EM:EX; Ferris, Sharon CSE:EX; Schroeter, Tom EM:EX; Madu, Bruce EM:EX; Bergen, Wally EM:EX; Beswick, Ed EM:EX; Adams, Rick EM:EX; Hall, Ted EM:EX; Whale, Andrew EM:EX; Conte, Rick EM:EX; Lane, Bob EM:EX; Pardy, Jamie EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; Stone, Kim EM:EX; McArthur, Gib EM:EX; Chan, Jan EM:EX; EM - GSB DL; Anderson, Duane EM:EX
Subject: RN2002-12: GSB Massive Sulphide Discovery Atlin Area BC

*British Columbia Ministry of Energy & Mines
Geological Survey Branch
Release Notification 2002-12
September 13, 2002*

***** **RELEASE OF INFORMATION** *****
Friday, September 13th, 2002, 2:00 PM

**Geological Setting and Style of Mineralization
at the Joss'alun Discovery, Atlin area, British Columbia**
NTS mapsheet 104N/2W, UTM 620381E 6544322N, NAD 83
Geofile 2002-6

**Powerpoint Presentation, geology description, maps and photos
available from the BC Ministry of Energy and Mines website at:
www.em.gov.bc.ca/Mining/Geolsurv/WhatsNew/default.htm**

by Mitch Mihalyuk, P.Geo., BC Ministry of Energy and Mines
*Atlin Targeted Geoscience Initiative Project of the
Geological Survey of Canada and BC Geological Survey Branch*

Summary

Massive sulphide mineralization was discovered 75 km southwest of Atlin within oceanic crustal rocks of the Cache Creek complex. Mineralization consists of a series of stacked, apparently conformable lenses of semi-massive chalcopyrite and lesser pyrite. Individual lenses exceed 3m in strike length and are up to 90 cm thick. The mineralized outcrops occur over a distance of 225 metres. Chalcopyrite has been observed in outcrop up to 1 kilometre away, along the trend of the host rocks in the discovery zone. Host rocks are dominantly mafic submarine volcanoclastics of the Cache Creek complex. They are regionally extensive, comprising the most common rock types in the Atlin area (Aitken, 1959; Mihalyuk *et al.*, 1996; Mihalyuk *et al.*, 2002; English *et al.*, 2002).

Sample Assay data in percent from the strongest mineralization within a ~10 x 30 m area near the center of the zone are:
grab samples: 7.34% Cu, 10.15% Cu, 7.66% Cu
90cm chip: 3.35% Cu
35cm chip: 7.33% Cu (for complete analyses, see table).



Introduction

Ministry of Energy and Mines personnel discovered new massive sulphide mineralization during regional mapping in the Atlin area. Called the Joss'alun occurrence, it was discovered as part of a mapping program conducted under the joint federal and provincial Atlin Targeted Geoscience Initiative. The following description is based on less than one full day of fieldwork. Accordingly, observations regarding the geological setting and the style of mineralization are preliminary.

Location

The Joss'alun discovery is located approximately 75 kilometres by air, southeast of the placer mining town of Atlin. Access is by helicopter, which can be chartered in Atlin. Closest road access is a very rough, fire abatement road that ends at Kuthai Lake, 30 km northwest of the occurrence. The occurrence is about 22 km from the proposed Tulsequah road route. Atlin is 92 km south of the Alaska Highway, and 182 km from Whitehorse, which is the nearest major center with a national airport. Nearest tidewater is Taku Inlet, about 70 km to the southwest.

Mineralization is exposed at and below tree line in low, rubble-strewn outcrops within and south of a shallowly incised creek valley. Mineralization farthest northwest is a 30 cm wide, copper stained and gossanous zone on the northern side of the creek cut near UTM 620271E 6544371N, EPE: 4m (EPE = estimated position error). Mineralization can be traced across the area with massive sulphide lenses (UTM 620381E 6544322N, EPE: 5m) to a very low, chalcopyrite-veined outcrop amongst the trees and brush. Here, at UTM 620460E 6544252N (EPE: 10m), discordant chalcopyrite veins (3-4 cm thick) crop out in an isolated outcrop, upon which several pieces of fist-sized float of semi-massive sulphide were resting. South of this point, mineralization disappears beneath valley cover. However, blebs of chalcopyrite occur within mafic breccia at approximately the same stratigraphic level across the valley, about 1 km to the east-southeast.

Geological Setting

Submarine basalt flows, flow breccia, tuffaceous rocks and comagmatic mafic intrusive rocks form the most widespread unit belonging to the oceanic Cache Creek complex, which underlies most of the region around Atlin. Textures displayed by the unit along strike of the Joss'alun occurrence confirm a submarine setting as pillow basalt, radiolarian-bearing Fe-rich chert and laminated interpillow micrite are well displayed. The mafic unit is structurally underlain by very dense and magnetic ultramafic rocks of the Nahlin body, interpreted as part of the ancestral Earth's mantle. Unconformably overlying the basalt is a unit comprised of very immature sedimentary rocks, mainly conglomerates, derived from both local and exotic sources.

Mineralization at the Joss'alun Occurrence

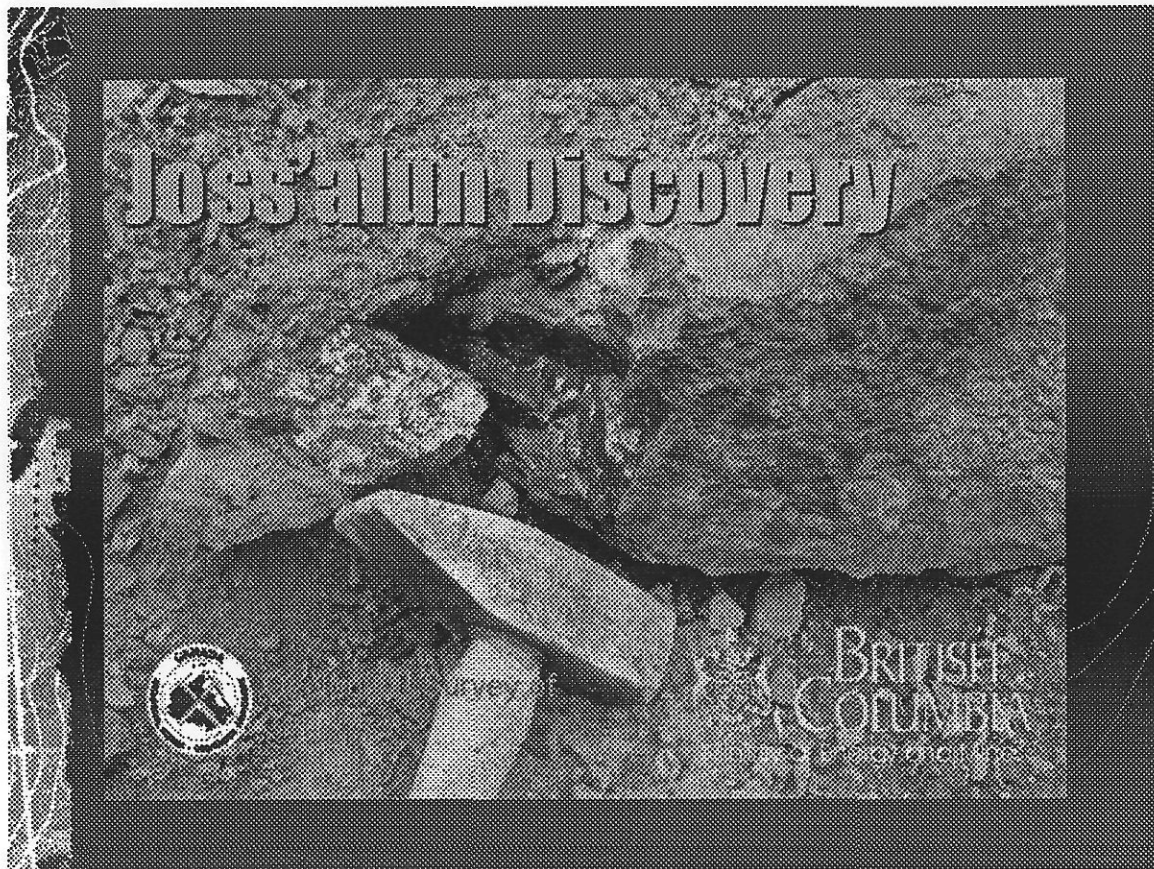
Mineralization consists of a series of stacked lenses of semi-massive chalcopyrite and lesser pyrite, which are hosted by a dominantly mafic volcanoclastic unit interpreted to have formed in a submarine setting. Lens thickness ranges up to approximately 1m. Thicknesses of 30cm are more typical. Lateral extent of the lenses is difficult to determine due to the generally low and rubbly nature of the outcrops. However, some are exposed for more than 3m. Sulphides in the lenses appear brecciated. Bedding within the mafic volcanic unit is not everywhere obvious, but the lenses appear to be concordant. Some thin chalcopyrite veins (up to 5cm thick) are clearly discordant. Deposit type and mode of genesis are undetermined at this time.

Other Mineralization in the Region

According to MINFILE, the nearest known mineralization is more than 10 km to the southeast in the Tulsequah map area. It is a series of galena-sphalerite-chalcopyrite-bearing quartz veins in presumed Late Triassic submarine volcanic rocks of the Stuhini Group (Inklin: Yeth Creek; 104K022). Within the Atlin map area, the nearest mineral occurrences are: an asbestos occurrence (17km; Focus Mountain; 104N071); a magnesite occurrence (19km; Sloko River; Nahlin Fault; 104N 083), and a limestone occurrence (20km; 104N094; Nakina River). There is no obvious sign of previous work at the Joss'alun discovery. The Tulsequah mine is located 50 km to the southwest.

Table of Analyses of samples from near UTM 620381E 6544322N

<i>From ACME ANALYTICAL LABORATORIES LTD.</i>											
<i>Analysis: GROUP 1F15 - 15.00 GM</i>											
ASSAY DATA											
ELEMENT	sample	Cu	Cu	Mo	Pb	Zn	Ag	Ni	Co	Mn	Fe
SAMPLES	type	ppm	%	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%
MMI02-33-15	grab	68830.70	7.34	4.19	9.42	629.1	3279	24.7	578.7	996	17.68
MMI02-34-6	grab	97698.56	10.15	2.65	6.22	276	983	11	287.1	1065	17.22
MMI02-34-9	grab	74502.47	7.66	4.09	8.3	293.3	1032	17.2	272.1	821	14.71
MMI02-34-10-1	90cm chip	33509.12	3.35	3.65	4	165.1	841	17.1	320.5	1257	18.62
MMI02-34-10-2	35cm chip	66465.67	7.33	3	2.72	241.7	1391	32.1	641.2	1338	20.83
	sample	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	type	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	grab	50.4	< .1	153.3	< .1	0.5	0.73	2.32	2.19	104	0.02
	grab	5.6	< .1	191.4	< .1	1	0.98	0.15	1.75	154	0.06
	grab	14.2	< .1	114.4	< .1	8	0.67	0.76	0.49	106	0.33
	90cm chip	28.9	< .1	95.1	< .1	0.6	0.16	0.94	0.65	229	0.04
	35cm chip	39	0.1	111.5	< .1	0.5	0.29	0.68	0.92	206	0.03
	sample	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K
	type	%	ppm	ppm	%	ppm	%	ppm	%	%	%
	grab	0.014	< .5	27.7	1.62	1.7	0.014	< 1	2.56	0.003	< .01
	grab	0.018	< .5	7.3	2.23	12.5	0.058	< 1	3.39	0.001	0.01
	grab	0.013	0.6	14.1	1.2	7.1	0.079	< 1	2.38	0.001	< .01
	90cm chip	0.022	0.6	19.4	3.06	5.2	0.036	< 1	4.31	0.001	< .01
	35cm chip	0.024	< .5	94.9	3.76	10	0.033	< 1	4.65	0.001	< .01
	sample	W	Sc	Tl	S	Hg	Se	Te	Ga	Sample	
	type	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	gm	
	grab	2.8	8.9	0.2	7.24	471	169.8	6.61	9.2	15	
	grab	1.3	8.5	0.02	2.8	108	44.2	2.02	10.8	15	
	grab	2.5	4.9	0.17	3.5	435	204.9	12.46	7.9	15	
	90cm chip	0.5	12.6	0.06	3.4	369	102.3	3.9	18.7	15	
	35cm chip	0.3	14.4	0.09	4.3	270	108.5	3.56	18.7	15	



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Schroeter, Tom EM:EX

TSS → New
DSC

From: Schroeter, Tom EM:EX
Sent: Thursday, September 19, 2002 9:16 AM
To: Lefebure, Dave EM:EX; Curtis, Ross EM:EX
Cc: Carter, Michael EM:EX; Conte, Rick EM:EX; German, Gerald EM:EX
Subject: RE: Update on Joss'alun staking rush

Good update. Jim and Bill Wallace were working on behalf of Northair.

Tom

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

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Autotel 604 662-9091

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

From: Lefebure, Dave EM:EX
Sent: Wednesday, September 18, 2002 10:14 AM
To: Curtis, Ross EM:EX
Cc: Carter, Michael EM:EX; Conte, Rick EM:EX; German, Gerald EM:EX; Schroeter, Tom EM:EX
Subject: FW: Update on Joss'alun staking rush

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

From: Mihalynuk, Mitch EM:EX
Sent: Wednesday, September 18, 2002 9:59 AM
To: Lefebure, Dave EM:EX; Grant, Brian EM:EX
Subject: Update on Joss'alun staking rush

The scoop from Norm Graham (chopper pilot in Atlin), and some lessons for us...

Norm received at least 15 calls (possibly as many as 20) prior and since the release from major and junior companies. According to Norm, Al Doherty, working for Gerry Carleson, booked the chopper for the afternoon and was waiting in the middle of our map area. They called Gerry at 14:00 to pick up the coordinates and threw up some 2-post claims over the exposed mineralization. About 20 minutes later, Jim and Bill Wallace flew in with Jim Reed from Dease Lake and staked 6? claims in the opposite direction.

Imperial Metals had bet that it was the Bella Coola mapping project that had made the find and was prepared to deploy from Port Hardy. They quickly flew up to Atlin in their King Air aircraft, but arrived after dark and could not land at Atlin airport because it lacks proper runway lights. They landed at Whitehorse and flew in the next morning to stake a 2kmx2km area. Clearly we erred in not including a geology map that shows the distribution of the mineralized strata. People just don't know where they should extend the staking.

Having just talked this over with Brian, we propose to send out and post a map of the local 5x8km area and a small-scale map of the regional geology with Cu geochem superimposed.

Further to the rumoured staking by Northair -- nobody in Atlin has seen or heard from them. Nevertheless, Norm has not sat down since Friday and claims that despite the small area actually staked so far, this is the most action that Atlin has seen in at least five years. The town is abuzz...

Mitch Mihalynuk, P.Geo.
Geological Survey Branch

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Thursday, September 19, 2002 8:11 AM
To: Lefebure, Dave EM:EX; Curtis, Ross EM:EX
Cc: German, Gerald EM:EX; Conte, Rick EM:EX
Subject: RE: Joss'alun Area staked by Four Groups?

The rumour I heard from Jim Reid (helicopter pilot based in Dease Lake that participated in the release (with Northair)) was that the showing was staked by the 'famous' one-eyed (grizzly bear attack) geologist/pro prospector who staked in the "Yukon Gold IMAX showing (Al Dougherty) - on behalf of Carlson (?). I've had a few other inquiries since.

Tom

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Facsimile 604 775-0313
email tom.schroeter@gems6.gov.bc.ca
Autotel 604 662-9091

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

From: Lefebure, Dave EM:EX
Sent: Wednesday, September 18, 2002 10:11 AM
To: Curtis, Ross EM:EX
Cc: German, Gerald EM:EX; Schroeter, Tom EM:EX; Conte, Rick EM:EX
Subject: FW: Joss'alun Area staked by Four Groups?

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

From: Mihalynuk, Mitch EM:EX
Sent: Wednesday, September 18, 2002 9:17 AM
To: Lefebure, Dave EM:EX; Grant, Brian EM:EX
Subject: FW: Joss'alun

Apparently the Joss'alun and surrounding area has been staked by four groups: Schroeter's speculation/rumour of Northair's staking, the call that I received from Gerry Carleson claiming that his holding company had staked the area, a unspecified "prospector", and Imperial Metals. See following:

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

From: Steve Robertson [mailto:SteveRobertson@ImperialMetals.com]
Sent: Monday, September 16, 2002 3:56 PM
To: Mihalynuk, Mitch EM:EX
Subject: Joss'alun

Hi Mitch

2002-09-19

I was up to Atlin and staked a four post claim around and to the east of the Joss'alun discovery on Saturday. A prospector was in the area on Friday afternoon and staked a couple of two post claims over the showings themselves. If you would like, I will send you a fax of my sketching on the claim map that will give you an idea of how the staking in the area looked when I finished up on Saturday evening.

I would like to discuss the area with you at some point when you get a chance. Could you give me a call at the number below, or send an email with a phone number where I can contact you.

Regards,

Steve Robertson
Imperial Metals Corporation
604-488-2669

srobertson@imperialmetals.com