

Schroeter, Tom EM:EX

From: Michael Marchand[SMTP:marchand@ibm.net]
Reply To: marchand@ibm.net
Sent: Tuesday, August 25, 1998 11:00 PM
To: Press release - Madrona
Subject: - no subject (01J11D9P002AIUOCIL) -

TGS → Sustut
Sustut Copper
888348
94D/9W, 10E
94D004, 011, 063



ATT59051.bt

Madrona Warrants Extended & Corporate Update

August 26, 1998

Madrona Mining Limited ("Madrona") is pleased to announce that it has extended the expiry date of 294,000 common share purchase warrants of Madrona from June 30, 1998 to June 30, 1999. Each such warrant entitles the holder to acquire one common share of the Corporation to be issued as a "flow-through share" under the income Tax Act (Canada) at any time on or before June 30, 1999.

The company has relinquished its Sustut property as it required significant additional expenditures in order to bring it to a drilling stage and it was decided that our resources would be better allocated to our other properties and potential new opportunities.

Madrona's independent consultant recommends a budget of \$1,014,500 for a further exploration campaign of mapping, geochemical sampling and drilling on the Nizi property in Northern B.C. . The key finding from recent exploration and data analysis is that we have a new well-defined model of Nizi that can be used to direct the ongoing work. This model has both gold bulk-tonnage potential in areas of more permeable volcanics and high-grade gold potential in areas of faulting and alteration. Analogies with some of the young and extensive precious metal deposits in the South American Andes is now realistic from our new knowledge of the high-level nature of the young Nizi Volcanics.

A recently reported staking rush in Alaska adjacent to our Poker Creek property in Yukon has stimulated interest in the area. Announcement by Teck Corp in November of a 4.5 million ounce high-grade gold deposit at Pogo near Delta Junction in Alaska has caused this activity. This deposit lies due west of the property and is hosted in Yukon Tanana metamorphic rocks adjacent to a Cretaceous intrusive. Poker Creek geophysical data suggests several intrusives on the claims which are mostly underlain by Yukon Tanana metamorphic rocks. The results of the 1997 soil geochemical survey are very encouraging as twelve anomalous areas have been outlined. Additionally there is significant exploration and land acquisition activity in Alaska and Yukon for the Tintina Gold Belt gold play which extends from Fairbanks Alaska area to past Mayo in central Yukon. Over 12 million ounces of economic low-grade bulk-mineable gold has been defined in the Fairbanks area in the past 5 years in this play. The Fort Knox mine near Fairbanks and the Brewery Creek mine near Dawson City, Yukon are both part of the Tintina Gold Belt. The potential for the Poker Creek property to host Pogo-style high grade, Tintina Gold Belt mineralization or volcanic hosted massive sulphide deposits remain high as the rock units are favourable and the exploration data acquired to date is encouraging. We have several major mineral exploration companies reviewing the data and carrying out due diligence field operations on the property at the present time.

The Alberta Stock Exchange has neither approved nor disapproved the information contained herein

For Further information:
Madrona Mining Limited
Gordon M. Steene
President and Chief Executive Officer or
Michael Marchand, Ph.D. P. Geol. - Vice President - Exploration
Phone: (403) 205-4666 Fax: (403) 265-3783 email: marchand@ibm.net

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Tuesday, October 12, 1999 3:54 PM
To: Smyth, Ron EM:EX
Subject: RE: Falconbride sells it BC properties

Ron, thanks for this - it was next on my list of things to do. Shall I wait and see what response your e-mail gets? I still would volunteer to set up and attend a meeting here in Vancouver, including a lunch (suggestion). Tom.

From: Smyth, Ron EM:EX
Sent: Tuesday, October 12, 1999 3:07 PM
To: Hesketh, Joan EM:EX
Cc: McLaren, Graeme EM:EX; Schroeter, Tom EM:EX; Conte, Rick; German, Gerald; Hermann, Fred; Koncohrada, Karen
Subject: Falconbride sells it BC properties

Joan,

Tom flagged this news as very significant in his weekly report. In discussion he suggested it might be appropriate for a senior Ministry official to contact the company and offer encouragement. You might first ask McLaren's group for an assessment of the environmental risk of these projects. Catface is in the Claquot Sound area.

Taken from:
Kaiser's bottom fish info

Bottom-fisher Alan Savage has pulled off a coup again. Doublestar Resources Ltd (DSR-V: \$0.55) is acquiring almost the entire British Columbia property portfolio of Falconbridge by paying \$500,000 over 20 months and issuing 1.5 million shares along with 1,500,000 warrants exercisable at \$1.00, \$1.25 and \$1.50. The 13 properties include the Sustut (21,074,745 t of 1.11% copper) and Catface (123,000,000 tonnes 0.46% copper and 0.014% MoS₂) copper deposits. Falconbridge can back in for a 50.1% working interest upon a production decision by reimbursing Doublestar 150% of its expenditures, revert to a 9% net profit royalty.

Sustut is located in north-central BC about 8 km from the Kemess Road. The flat lying, sediment hosted chalcocite deposit with a silver kicker was drilled off by Falconbridge during the seventies. The project includes a 5 km perimeter area of interest that has not seen geophysical surveys for a couple decades. Falconbridge is unlikely to exercise its back-in right for the Sustut deposit itself, which is too small for this major nickel producer. The backin rights are reserved just in case Doublestar finds a substantially larger deposit using more sophisticated geophysical tools than were available during the seventies. Savage belongs to a dying breed, namely the mining man who actually puts deposits into production. Sustut has a high grade section of about 5 million tonnes of 2% copper that may serve as a starter pit. Catface is located 13 km northwest of Tofino on the west coast of Vancouver Island where an open pit mine would no doubt attract attention from the local community of whale watchers and old growth tree huggers. Doublestar also acquires majority interest in several zinc-lead deposits as well as two magnetite deposits on Vancouver Island. On the surface it looks like Falconbridge is giving away a bunch of junk that is either subeconomic or not permissible, but Savage is a clever guy whose ability to recognize diamonds in the rough should never be underestimated.

This property portfolio was a lame duck in Falconbridge's hands, which were tied by the mandate to develop world class deposits and the fact that it engaged in some serious bridge burning when it huffed out of British Columbia in the late eighties in response to the NDP's anti-mining policies. The smart money says that the NDP has zero chances of re-election and that British Columbia's mining industry will undergo a revival. Experienced mine makers like Alan Savage with a history of environmentally clean operations have a head start in British Columbia. Ironically, Savage was a founder of Imperial Metals, one of the few operators left in British Columbia and who ended up owning

Schroeter, Tom EM:EX

TOS → RG
- Pr. Ge

From: Lane, Bob EM:EX
Sent: Tuesday, August 22, 2000 4:55 PM
To: Brian McBride; Brian McGrath; David Morgan; David Pow; Ed Beswick; Ed Pittman; Ken MacDonald; Romona Blackwell; Jacques Houle; Mike Cathro; Paul Wilton; Paul Wojdak; Dave Lefebure; Derek Brown; Gib McArthur; Larry Jones; Robert Pinsent; Ron Smyth; Tom Schroeter
Subject: Lane Weekly

Lane Weekly Report for August 14 - 22, 2000

Exploration Activity in the Northeast-Central Region

not VMS
(no volcs.?)
→ shale

Carruthers. Phelps Dodge has completed a 6-hole, 950-metre diamond drill program on their Carruthers VMS property near Johanson Lake. Drilling targeted the projection of a narrow polymetallic horizon, that was exposed in cliffs near the ridge crest. Host rocks are (tuffaceous?) graphitic mudstones, siltstones and fine-grained sandstones of the Triassic Dewar Formation (Takla Group).

Kemess. Kemess Mines Inc. has completed a 7-hole, 1700-metre diamond drill program on its Kemess North deposit, 6-7 kilometres north of the Kemess south deposit. A visit to the property is planned for early September with Schroeter.

Lustdust. A total of 28 holes (>3000 metres) were drilled on Alpha Gold's skarn-manto prospect, located north of Tsayta Lake. Drilling focused mainly on extending some of the known copper-gold skarn zones that occur within Cache Creek Group limy tuffs and argillites, including some limited areas north of Canyon Creek. Assay results are eagerly awaited for this project.

Sustut Copper. Visited Doublestar Resources staff with Paul Wojdak on August 16-18, examined diamond drill core and briefly toured the North and Southeast zones. Project geologist Nils von Fersen, Doublestar President Alan Savage and a number of consultants were at the site during our visit. The company has completed its program of 22 infill diamond drill holes, totaling about 1900 metres, on the Southeast zone of the Sustut Copper deposit, located about 370 kilometres northwest of Prince George (45 km south of the Kemess gold-copper mine). This year's drilling, together with past drilling by Falconbridge, will provide data for the zone on approximately 50 metre centres. The company will be trying to upgrade the existing reserve for the zone with the intent of developing a starter pit there if economics prove favourable. Although at an early stage, Doublestar is reviewing development options for the property. Mineralization consists mainly of disseminated chalcocite, bornite, chalcopyrite and native copper within tabular zones parallel to bedding. Host rocks are dominantly green volcanic conglomerates, grits and sandstones of the Upper Triassic Moosevale Formation of the Takla Group. Permeability of these rocks played a significant role in formation of the stratabound zones. Three zones, Southeast, Southwest and North, drilled by Falconbridge in the early 1970s, comprise the property's total resource of 54.4 million tonnes grading 1.25% Cu.

Tsacha. Randy Farmer (Teck) has confirmed that drilling will not proceed this year on the Tsacha gold vein prospect, near the Blackwater River, southern Nechako Plateau. Junior company Corona Gold had been earning an interest in the property by funding the exploration conducted in 1997 and 1998.

Dominion Creek. Gold City Industries has begun a 3-4 week prospecting, geochemical sampling and geophysical surveying program on its gold-silver prospect along the Isaac Lake fault, north of Bowron Lake Park.

Schroeter, Tom EM:EX

TFS → Reg. Mg.
— Pr. Geo.

From: Beswick, Ed EM:EX
Sent: Friday, March 23, 2001 3:24 PM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Brown, Derek; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; German, Gerald; Guthrie, Shelley; Hall, Ted; Headley, George; Hermann, Fred; Hesketh, Joan; Jorgensen, Sharon; Kennedy, Wesley; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; O'Rourke, Patrick; Phelan, Bill; Rennie, Lorna; Ringstad, Norm; Schmitt, Rolf; Schroeter, Tom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Whale, Andrew; White, Don; Blackwell, Romona; Lane, Bob; MacDonald, Ken; McBride, Brian; McGrath, Brian; McIntyre, Ken; Morgan, David; Pardy, Jamie; Pittman, Ed; Pow, David; Rivers, Jan; Wick, Patricia; Wood, Nancy
Subject: Prince George Update to Mar. 23.

Issues:

Pine Valley Coal - Willow Creek Mine: Mining of the trial cargo and hauling of coal to the BCR load out will continue until operations cease because of spring break-up. The last blast, required for this campaign, was attended by MEM on March 20, 2001 and went off without incident. Blasting is expected to begin again in June and continue at least until 100,000 tonnes of raw coal has been liberated. The next Environmental Monitoring Committee meeting is to take place when the second unit train of coal is being loaded.

QR: Mobilizing equipment to start tailings remedial works. Work is scheduled to commence on raising the dam and cross-dyke by mid April. Construction of the pit water discharge spillway is to be completed this summer for anticipated overflow by the fall. Plans for the spillway will require MEM sign off and an authorization or permit authorizing pit water release to the receiving environment from MELP. MEM continuing to highlight to the mine manager permit issues that have not been addressed by the current plans.

Quintette: Rock dump sloping is emerging as an important issue for the year. Upcoming discussions scheduled for Vancouver.

FYI:

Sustut Copper: Continuing discussions with Doublestar regarding the feasibility of hauling ore to the Kemess mill. Company has been proactive in their discussions with agencies, First Nations and other stakeholders. MEM region expects these discussions will accelerate over the coming months.

Kemess: Met with Kemess mine staff March 22 on the Project Certificate Approval compliance review.

Forestry Gravel Pits: Dealing with MOF on permitting of logging company gravel pits. Policy direction - MOU(?) of 1998 may be needed.

UNBC Career Fair: Career Fair booth set up and attended by B. McGrath and B. McBride on March 21, 2001.

Carrier Sekani Open House: Visited by several MEM staff. Each of the member nations data base is being updated by a resource student group. Computer compilation includes several maps including traplines, wildlife corridors, berry picking sites, fisheries etc. Work is nearing completion but they are expected to request more funding to complete the task.

Mining Week, May 7-13: Arrangements for the booth confirmed. Kemess booth will be a part of the display. Brochures from regional mines will also be available.

Schroeter, Tom EM:EX

705 → Reg. Mg
- P. Gea

From: Beswick, Ed EM:EX
Sent: Monday, May 07, 2001 8:53 AM
To: Adams, Rick EM:EX; Anderson, Duane EM:EX; Bergen, Wally EM:EX; Brown, Derek EM:EX; Cheetham, Pat EM:EX; Cochrane, Marlene EM:EX; Conte, Rick EM:EX; Curtis, Ross EM:EX; Errington, John EM:EX; Finvers, Maija EM:EX; German, Gerald EM:EX; Guthrie, Shelley EM:EX; Hall, Ted EM:EX; Headley, George EM:EX; Hermann, Fred EM:EX; Hesketh, Joan EM:EX; Jorgensen, Sharon EM:EX; Kennedy, Wesley EM:EX; Lefebure, Dave EM:EX; Lieutard, Denis EM:EX; McArthur, Gib EM:EX; McLaren, Graeme EM:EX; O'Rourke, Patrick EM:EX; Phelan, Bill EM:EX; Rennie, Lorna EM:EX; Ringstad, Norm EAO:EX; Schmitt, Rolf EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX; Starkes, Terri EM:EX; Stewart, Linda EM:EX; Whale, Andrew EM:EX; White, Don EI:EX; Blackwell, Romona EM:EX; Lane, Bob EM:EX; MacDonald, Ken EM:EX; McBride, Brian EM:EX; McGrath, Brian EM:EX; McIntyre, Ken EM:EX; Morgan, David EM:EX; Pittman, Ed EM:EX; Pow, David EM:EX; Rivers, Jan EM:EX; Wick, Patricia EM:EX; Wood, Nancy EM:EX; XT:EM Pardy, Jamie
Subject: Prince George Update to May 7/01

Issues:

- **Private Borrow Pit Fatality:** On Saturday, April 28, 2001, four children were playing at an inactive gravel borrow pit located on private land. A bank, **four feet high**, collapsed suffocating one of the children (a five-year old boy). The other three children were uninjured. The RCMP investigation has indicated "no foul play" and the investigation has been turned over to the Coroner. The pit is located in Taylor, approximately 20 kilometers southeast of Fort St. John. The Coroner has confirmed to MEM that the pit was not industrial and for the landowner's private use. Because the pit was for private use, it did not fall under the jurisdiction of the Ministry of Energy and Mines and therefore did not receive a *Mines Act* permit and was not inspected by Mines Inspectors. The Mines Branch has no record of the existence of the pit. Assistance was offered to the Coroner, but was declined.
- **Sustut Copper: Doublestar Resources** has filed an information and scoping document with the B.C. Environmental Assessment office. The project is located about 40 kilometers south of Kemess and is expected to employ about 50 people for 5 to 6 years. The proposal suggests an open pit mine and direct shipment of ore to the Kemess concentrator for processing. They expect to average ~ 3000 tonnes per day over the 6 year mine life. Significant to this proposal is the continued operation of the Kemess Mine. Doublestar hopes to complete commercial feasibility and environmental baseline studies during the summer of 2001 and to submit an application for a Project Approval Certificate to government by December 2001. Decision will be needed by the federal government respecting the need for a screening or comprehensive review under the Canadian Environmental Act.

FYI:

Placer: Joint MEM/DFO/MELP (MOF?) audit scheduled for June.

Ft. St. James LRMP: Annual review May 4/5. Field trip component forestry related and not attended by MEM. Saturday session was well attended by community and forestry companies. No miners or explorationists. Contingent of Gitksan attending seemed interested in establishing consultation protocols and suggested a general assembly in Hazelton within several weeks. MEM update/presentation on Historic Minesite Project, Sustut Project and Coal Bed Methane were well received.

QR: Reclamation inspection of the mine completed with the purpose of bringing the operation into compliance with the reclamation permit. Reviewed all outstanding issues, developed action items and set time lines for completion of each outstanding issue. QR Mine has extended the deadline for Big Valley (Allen Contracting) to meet the Kinross's requirements to transfer QR Mine permit to 31 August, 2001.

Prospectors Course April 30-May 6: 20 eager rock hounds in this week-long course getting the geological tools necessary to find the next big one! Chris Wild is instructing, Wes Kennedy gave a Mineral Titles presentation. Bob Lane and Brian McGrath assisting.

Cariboo Mining and Logging tradeshow on this weekend in Williams Lake. Friday session will be attended by BL/Ken MacDonald while Mike Cattro and Brian McBride will look after Saturday.

Schroeter, Tom EM:EX

TOS → RG
— Pri. Geol.

From: Lane, Bob EM:EX
Sent: Thursday, May 17, 2001 3:55 PM
To: EM MB Prince George DL; Cathro, Mike EM:EX; Houle, Jacques EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Brown, Derek EM:EX; Jones, Larry EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Pinsent, Robert EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX
Subject: Lane Weekly Report to May 18, 2001.

Lane Weekly Report to May 18, 2001.

Exploration Monitoring

210 PLACER Notice of Work applications received so far this year; total is almost identical to last year at this time.

Rodeo/Luky Jack. Partners Herb Wahl and Jack Brown-John recently completed a 3-hole, approx. 400 metre diamond drill program on their porphyry/porphyry-related precious and base metal prospect east of 150 Mile.

Sustut. Doublestar Resources plans to conduct further in-fill diamond drilling (8 holes, 1600 metres) on the Southeast zone of its Sustut volcanic redbed copper deposit in the northern Omineca Mtns. The company is proceeding with a study to examine the feasibility of operating a seasonal quarrying operation that would ship raw copper ore to the Kemess mine site for processing.

Diatomite. Mike Collins and Lawrence Leblanc, owners of the Big Bend property north of Quesnel, have been trying to drum up support, from south of the border, for the development of their diatomite property. Received calls from and provided information to prospective investors (Nevada and California-based) looking at the potential of the diatomite deposits along the Fraser River centered near the Gold Pan City.

Ahbau. Broda Construction is planning to produce some 200,000 tonnes of railroad ballast from BCR's basalt quarry north of Quesnel.

Giscome. Broda also has a contract to produce about 200,000 tonnes of railroad ballast from CN's basalt quarry near Giscome, just NE of Prince George.

Other Activities

Preparing/updating slides for talks at both **CIM Annual Spring Meeting** in Quesnel (May 25-26) and **Minerals North** in Terrace (May 30-June 1) later this month. Also co-organizing CIM Branch fieldtrip to the former Mosquito Creek Gold and Cariboo Gold Quartz underground mines.

School Visits. Ken MacDonald and BL gave *Geology and Mining* presentations to four classes (grades 1, 2 and 3) at Hart Highlands Elementary (May 14).

Investigating the possibility of holding a Basic Prospectors Course in Williams Lake in concert with UCC. Our local CIM Branch may be interested in supporting such an event

Bob Lane
Regional Geologist
Mines Branch, Prince George
British Columbia
V2K 4H9
Ph: 250-565-6125
Fx: 250-565-6015
Email: Bob.Lane@gems4.gov.bc.ca

Schroeter, Tom EM:EX

From: Beswick, Ed EM:EX
Sent: Monday, June 04, 2001 1:41 PM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Brown, Derek; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; German, Gerald; Guthrie, Shelley; Hall, Ted; Headley, George; Hermann, Fred; Hesketh, Joan; Jorgensen, Sharon; Kennedy, Wesley; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; O'Rourke, Patrick; Phelan, Bill; Rennie, Loma; Ringstad, Norm; Schmitt, Rolf; Schroeter, Tom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Whale, Andrew; White, Don; Blackwell, Romona EM:EX; Lane, Bob EM:EX; MacDonald, Ken EM:EX; McBride, Brian EM:EX; McGrath, Brian EM:EX; McIntyre, Ken EM:EX; Morgan, David EM:EX; Pittman, Ed EM:EX; Pow, David EM:EX; Rivers, Jan EM:EX; Wick, Patricia EM:EX; Wood, Nancy EM:EX; XT:EM Pardy, Jamie
Subject: Prince George Update to June 4/01

Issues:

QR: Continued priority for inspection and monitoring. Recent orders include; requirement to submit an underground stope crown pillar report by 15 June, 2001; Submission of the tailings report by 15 July, 2001; submission of a spillway design for the Main Zone Pit by 15 July, 2001 and completion of construction of the spillway by 28 September, 2001. Inspection and reclamation security level evaluation planned by BMB and Gregg Stewart for June 14.

FYI:

SUSTUT Copper: Pre-application (environmental assessment process) meeting held May 28. Key issues included access management, First Nations, reclamation and water quality - sediment control/metal leaching. Project schedule calls for completion of the project feasibility - winter 2001, and ore shipment to the Kemess concentrator by June 2003.

Wolverine Western Canadian Coal: Announced agreements with Mitsui Matsushima and Deepgreen Minerals. The agreements provide \$3.5 M to advance some North East Coal Projects. Specifically they want to advance the Wolverine property to a bankable feasibility by March 2002, targeting 1.5 - 2 million tonnes per year. The program also calls for exploration and scoping studies on the Brazion group, with focus on Burnt River and West Brazion, including drilling on the Brazion and Hudette.

Placer: Colin High: application for approval for in-stream suction dredging denied. MELP/DFO guidance titled Use of Suction Dredges to "Snipe" for Gold, (dated Mar. 22/95), have not been endorsed for use in the Northeast-Central region by the OCPS. In addition, Fisheries and Oceans staff have tabled letter signed by Minister that their agency does not support nor approve of suction dredging because they feel it is harmful to fish habitat and introduces deleterious substances into water frequented by fish. This issue is expected to be raised as a concern by the Cariboo Mining Association as to why different regions are treating instream suction dredging differently. Joint MEM-DFO inspections in Likely area last week. Several properties active, most idle. Compliance issues range from improper pump screening to unauthorized underground drifting. To date DFO have completed 18 placer inspections in Likely and have plans to continue aggressive inspection schedule. Series of compliance workshops in Quesnel, Likely, Wells and Manson Creek suggested.

Gravel: Dave Pow attended last meeting of Gravel Handbook Steering Committee. Ed Pittman and Ken MacIntyre in contact with MOTH and Regional District on gravel regulatory requirements.

Kemess: First quarter production was 73,360 ounces of gold and 18.6 million pounds of copper. Cash operating costs @ US\$165/ounce net. Exploration scheduled to continue at Kemess North this summer.

CIMM - Quesnel: Annual meeting included tours of the Mosquito Creek Mine, Cariboo Gold Quartz Mine and talks from Mt. Polley, Kemess, Endako and Huckleberry. Bob Lane provided his regional exploration overview. The meeting was well attended with about 90 people attending the banquet. Kamloops gearing up for District 6 meeting, Sept 20 and 21, and are expecting about 500 delegates. Long term plan would see a District 6 meeting in Prince George about 2004.

Minerals North: Attended May 30 - June 1 in Terrace by EB/BMCG/BL. Record #'s in attendance with high expectations of improved mineral exploration climate.

TOS → Sustut
K. M. H.
Sustut
K. M. H.

Schroeter, Tom EM:EX

From: Beswick, Ed EM:EX
Sent: Monday, June 18, 2001 9:01 AM
To: Blackwell, Romona EM:EX; Booth, Richard EM:EX; Carr, Chris EM:EX; Carter, Tom EM:EX; Cochrane, Marlene EM:EX; Conte, Rick EM:EX; Curtis, Ross EM:EX; Edwards, Dave EM:EX; Errington, John EM:EX; Flynn, Doug EM:EX; Guthrie, Shelley EM:EX; Heistad, Ray EM:EX; Hermann, Fred EM:EX; Hesketh, Joan EM:EX; Hoffman, Al EM:EX; Kilmartin, Sandra EM:EX; Koncohrada, Karen EM:EX; Lane, Bob EM:EX; Lieutard, Denis EM:EX; McBride, Brian EM:EX; McIntyre, Ken EM:EX; McLaren, Graeme EM:EX; Morgan, David EM:EX; Nash, Laurel EM:EX; Pow, David EM:EX; Price, Bill EM:EX; Smyth, Ron EM:EX; Stewart, Gregg EM:EX; Wood, Nancy EM:EX
Cc: Schroeter, Tom EM:EX
Subject: FW: Sustut Copper Project - EA review

FYI

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

From: Crook, Ray EAO:EX
Sent: Friday, June 15, 2001 1:26 PM
To: 'savage@doublestar.net'; 'saxton@doublestar.net'
Cc: Glassman, Martyn EAO:EX; Guthrie, Shelley EM:EX; Beswick, Ed EM:EX; Hart, Bob ELP:EX; Mackie, Al STC:EX
Subject: Sustut Copper Project - EA review

Al/Paul:

In addition to the note to file which I sent you June 16 on the May 28/01 NEMDRC meeting, I thought it would be useful to provide some additional advice on preparing your EA application. My notes are not exhaustive, and you are referred to the EAO's new EA Guide (2001) for further advice on assembling an application.

RANGE OF EFFECTS

The application needs to deal with all of the categories of effects listed in the EA Act. If there is not much to say, that is fine, but it should not appear that they were overlooked.

- environmental - pre-application discussions to date have focused on these effects, and consideration of them appears to be well in hand.
- economic - from an economic benefits perspective, economic effects primarily relate to creating mining jobs, and contributing to regional income/spending, etc. - this needs to be documented. The benefit to the Kerness mine should also be documented. If there are any economic costs (e.g. to any trapline holders or the Moosevale settler's business activities), you need to identify them, assess whether they are likely to be significant, and if necessary, indicate what mitigation options there are. Such "costs" tend to be identified during public and First Nations consultations.
- social - from a social benefits perspective, many social effects are tied to economic effects. The application needs to talk about the workforce size and composition, fly-in/fly-out arrangements, and source communities for the workforce. Even if all of the 60-70 workers came from one community, would there be enough new residents in that community (including families) to materially impact services in that community (social, health, education, water, sewer, etc.)? This depends in part on how many jobs will go to existing "local" residents, but in any case, the workforce size for this project is likely to be small relative to the size of dormitory communities. Furthermore, it is quite likely that workers will live in more than one community, and that some already live in those communities. The application should clarify what you anticipate. Public and First Nations consultations are often a key source of insight into economic and social effects, whether positive or negative.
- cultural/heritage - the Archaeology Branch (Al Mackie) has already contacted you with advice about archaeological studies. You indicated at the May 28/01 meeting that Antiquus would not examine the Sustut road. Our advice is to be sure that existing information covers the proposed route, which is higher on the valley wall than the Sloan Connector alignment. The other cultural/heritage issues will be those raised by First Nations during the pre-application consultations. It might be worthwhile checking with First Nations that they have no issue with working with Antiquus.
- health - Bruce Gaunt didn't say much at the pre-application meeting, so I'm not sure what public health issues there would be. You should call him to check. Water quality issues may already be covered through work on other issues

(fish) - check with Bruce. Are there any unusual worker safety issues (MEM): Any unusual ambient air issues (MEM and MWLAP)?

FIRST NATIONS CONSULTATION

MEM (Shelley Guthrie) and EAO (Martyn Glassman) are in regular contact in developing advice for Doublestar on First Nations consultation. MEM (Shelley) has the lead, and you should discuss progress with her regularly.

Our advice is that Doublestar will need to consult the Gitksan, Takla and Tsay Keh Dene. You should also make at least courtesy contact with the Kaska Dene and the Tahltans, although it is not known if they have any specific interest in the Sustut project. Similarly, we do not know what interest the Carrier Sekani would have in the project, but since Ann Tobin represented the Tribal Council at the NEMDRC meeting, Doublestar should contact her to check.

PUBLIC CONSULTATION

If you have not already done so, you should probably develop a template letter or flyer (with map) for introducing the project to non-First Nations interests. One recipient would be the settler at Moosevale (who, I believe, has a guide/outfitter territory somewhere nearby), and you will need to meet with him. He raised significant concerns during the Kemess EA review, and afterwards, during construction. Other relevant guide/outfitters and any potentially affected trapline holders should be approached.

At the May 28 meeting, you talked about depositing documentation at key locations - Prince George, Fort St. James, Mackenzie, Bear Lake and Hazelton were mentioned. If any fly-in/fly-out journeys originate from Smithers, that might be another location.

With respect to open houses and public meetings, I am not sure what to advise at this point, given the remoteness of the project from established communities. However, some means needs to be found to canvass public views as part of pre-application issue scoping. The Kemess mine proponent held open houses in various communities (Fort St. James, Smithers, Mackenzie, Prince George and Fort St. John). Open houses may be worth considering, although Fort St. John is too far away.

Meetings with interest groups are recommended. Some potentially interested public groups sit on MEM's ORAR working group, and could be approached about their organizations' interest in a briefing and discussion. Groups which were interested in the Kemess review included the BC Wildlife Federation, the Sierra Club of Western Canada, the Chetwynd Environmental Society, the Steelhead Valhalla Lodge, BC Wild, BC Guide Outfitters Association and the Environmental Mining Council of BC. Many of their concerns related to the Sloane Connector, rather than the mine.

EAO may wish to be represented at public consultation sessions - please let us know of anything you organize.

CEAA TRIGGERS

Pre-application consultation activities will assume greater importance if CEAA is triggered and the attempt is made to harmonize the provincial EA process with CEAA in a one-stage review.

As soon as possible, we need to conclusively establish one way or the other whether or not there are any CEAA triggers. Earlier today, I forwarded to you the latest e-mail from the CEA Agency, seeking clarification on any potential explosives trigger. In the meantime, you will have seen the DFO letter of June 6/01 to Ed Beswick. The letter indicates the circumstances under which CEAA would not be triggered by your project from a fisheries or navigability perspective. It would be prudent to consult DFO regularly to make sure that you are operating within the parameters specified by Herb Klassen.

KEMESS MINE

The EAO has not made a final decision, but it is not currently intended that Kemess milling operations would be scoped into the EA review of the Sustut project. Compared to overall volumes at Kemess, the Sustut contribution is minor. However, to address the questions that environmental agencies have about this, you should ensure that good ore characterization data are included in the application. This is much less likely to be an issue if the Sustut ore does not significantly complicate the milling/tailings disposal processes at Kemess.

MISCELLANEOUS

I refer you to Appendix 4 of the new EA Guide for specific advice on completing an EA application. In addition, I wish to

note the following:

- The application should include an appendix which lists all of the impact management proposals and commitments which will be spread through the main body of the document. This will form, in essence, a first draft of certificate conditions, and will be the focus of ongoing refinement for the remainder of the review.
- The application should include information on all pre-application consultations - when and with whom? What views were expressed, issues raised, and mitigations proposed by Doublestar? Also to be included is a proposed program of public and First Nations consultation on the application itself, which the project committee will have to review and sign off in the early part of the public consultation period on the application.
- The application should identify any holders of rights or title to land, water or resources who may be affected, with indication of efforts to notify them and discuss any issues.

In closing, here I have provided some additional pointers on preparing the EA application. Please call me if you have questions or concerns.

Raymond L. Crook
Project Assessment Director
250-356-7492

Schroeter, Tom EM:EX

VOS → RG
- Prince
George

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

Lane Weekly Report to February 19, 2002

Exploration News

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

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

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

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

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

Bob Carmichael

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

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

Schroeter, Tom EM:EX

VB → RG
- Pr. Ges.

From: Lane, Bob EM:EX
Sent: Wednesday, July 31, 2002 4:49 PM
To: Grant, Brian EM:EX; Simandl, George EM:EX; Logan, Jim EM:EX; Ryan, Barry EM:EX; Beswick, Ed; jamie pardy; MacDonald, Ken; McBride, Brian; McIntyre, Ken EM:EX; Morgan, David; Pittman, Ed; Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul; Brown, Derek; Lefebure, Dave; McArthur, Gib; Schroeter, Tom
Subject: Northeast-Central Region Exploration Update to July 31, 2002.

Northeast-Central Region Exploration Update to July 31, 2002.

Mining

Kemess. First half 2002 production (approx.): 135,000 ounces gold and 36 million lbs copper from milling of 8.2 million tonnes (average daily rate of 45,300 tpd). The mine has increased its fleet of concentrate haul trucks to 22 in order catch up with significant delays in transporting conc to market because of a wash-out (now repaired) on the Finlay just north of Osilinka River.

Exploration Activity

Kemess North. Northgate Exploration has drilled twenty holes (close to 10,000 metres), both infill to expand the high grade silica-magnetite-chalcopyrite-pyrite core zone and step-out to define the limits of the mineralized system, mainly in the East Cirque area its Kemess North porphyry gold-copper deposit in the southern Toodoggone. Road access to site has been completed, but at time of visit was still too wet (i.e. soft) to be used. Most holes are vertical and many exceed 2000 feet in length. Drill assays have not been released (visited July 18/02).

Brenda and Riga. Northgate Exploration also plans to conduct limited drilling (3- 6 holes each) on the White Pass zone at the Brenda porphyry gold-copper prospect, about 30 km north of the Kemess mine, and on the Riga porphyry-related property, Drybrough Peak area.

Baker/Chappelle. Sable Resources has completed 4 drill holes on high-grade gold-silver vein targets on its Toodoggone property. Drilling continues.

Atty and Pil. Finlay Minerals has mobbed into its remote camp location on the North Pil property and has begun a program of in-fill line cutting, IP and MAG to add detail to last year's recce lines that were spaced 1.5 km apart. Diamond drilling is still on the books for Atty later this summer or early fall.

Sustut Copper. Diamond drilling has begun at this 'volcanic redbed copper' deposit south of the Kemess mine. Approximately 20 holes will be drilled. Data will be used to bring resource on the Southeast zone to National Instrument 43-101 standards. The current resource is 5.9 M tonnes grading 1.87% Cu and 6.1 g/t Au.

Cariboo Gold Quartz (and Bonanza Ledge). International Wayside Gold Mines has released more encouraging assays from its work on the Bonanza Ledge zone. Hole BC02-08 intersected 9.84 g/t Au over 62.3 metres. The hole was drilled at -80 degree dip to test continuity of mineralization through a previously tested portion of the zone and does not expand the deposit. Assay results from holes BC02-09 to 14 are pending. Underground drilling from the 1200 level of the Cariboo Gold Quartz mine is set to commence and is intended to expand the mineral inventory of the Sanders-Pinkerton-Rainbow zone on nearby Cow Mountain. The Myrtle claim group adjacent to the Bonanza Ledge zone, on option from Gold City Industries, hosts auriferous quartz

Schroeter, Tom EM:EX

TGS → Reg Mgr
Pr. Geo.

From: Beswick, Ed EM:EX
Sent: Friday, August 23, 2002 11:20 AM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Blackwell, Romona SRM:EX; Brown, Derek; Carter, Michael EM:EX; Cheetham, Pat; Conte, Rick; Curtis, Ross; Errington, John; German, Gerald; Guthrie, Shelley; Hall, Ted; Hermann, Fred; Jorgensen, Sharon; Kennedy, Wesley; Lefebure, Dave; McArthur, Gib; McKillop, Greg EM:EX; O'Rourke, Patrick; Parhar, Debbie PAB:EX; Passmore, Kim EM:EX; Phelan, Bill; Rennie, Lorna; Ringstad, Norm; Roberts, Steve EM:EX; Schroeter, Tom; Smyth, Ron; Stewart, Linda; Whale, Andrew; White, Don; Lane, Bob; MacDonald, Ken; McBride, Brian; McIntyre, Ken; Morgan, David; Parly, Jamie EM:EX; Pittman, Ed; Rivers, Jan; Wood, Nancy
Subject: Prince George Update to Aug 23/02

Issues:

McConnell Placer:

WLAP staff conducting bull trout spawning surveys identified sediment laden water seeping from an active placer operation into McConnell Creek. MEM regional inspector dispatched to enforce permit requirements. Of interest, the operator utilizes a series of settling ponds and a wetland for polishing sediment out of the wash water. The Conservation Officer Service has been contacted.

FYI:

QR Mine: Kinross have advised that Lake Excavating has won the contract to complete a tailings dam lift. Reclamation has commenced around the South Lobe Pit in the West Zone. Approval given by WALP to transfer effluent from the tailings impoundment to the Main Zone Pit and to use effluent from the TSF, Main Zone Pit and the North Lobe Pit for dust suppression. Kinross have forwarded a compliance schedule indicating this years reclamation program will be complete by mid October. Anticipating an exploration program for fall 2002.

Cirque: Accompanied TeckCominco on a site inspection. Access road requires some maintenance (logging contractor expected to complete the work.) Site vandalized by ?. Need to amend or renew their MDC this November. New EA legislation may have implications.

Kemess: Safety audit continues with help from Doug Flynn - Northwest Region. Remaining two crews will be interviewed and reporting out to mine management and the OHSC is scheduled for late Sept. or early Oct.

Mt. Polley Public Liaison Committee: Cancelled September meeting. August Information Letter has been distributed. Partial funding received from NRC to conduct research into heap leach technology.

Sustut Copper: Doublestar Resources in discussion with EAO on Terms of Reference for their application. Meetings and consultation with government and other stakeholders ongoing. Norm Ringstad lead for EAO. Diamond drilling (30 holes) expected to be completed by Sept. 1.

Notices of Work: field season - 2002

field season 2001

Placer:	315 (~150 hand)	349
Mineral and Coal:	99	108
Sand And Gravel:	<u>48</u>	<u>48</u>
Total:	462	505

Schroeter, Tom EM:EX

TGS → RG
- Pr. Geol

From: Lane, Bob EM:EX
Sent: Friday, December 19, 2003 4:15 PM
To: Cathro, Mike EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; MacDonald, Ken EM:EX; Pittman, Ed EM:EX; Hermann, Fred EM:EX; Lefebure, Dave EM:EX; Errington, John EM:EX; Anderson, Duane EM:EX; Grant, Brian EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; Conte, Rick EM:EX; Schroeter, Tom EM:EX; Wuschke, Steven EM:EX; Ryan, Barry EM:EX
Subject: Northeast-Central BC Exploration 'Weekly' to December 19, 2003

METALS

Northeast zone

Mount Polley. Imperial Metals has suspended exploration at Mount Polley until the new year. The company completed 4 deep holes on the Springer zone and an additional 5 holes, plus trenching, on the Wishbone zone. Assay results from holes 2 and 3 on Springer will be released later today or on Monday. Exploration is scheduled to resume on January 12 with two drills testing Wishbone and 1 testing Springer.

QR. Cross Lake Minerals has completed a 2nd phase of diamond drilling at the QR mine property focusing. Both the near surface potential & deeper projections of the Midwest zone were targeted with the intent of identifying additional reserves. In addition, the company completed 6 holes on the adjacent Cariboo (Most Likely) epithermal gold prospect and 2 holes on the Cantin Creek epithermal gold prospect. No results have been released to date.

3Ts. Southern Rio Resources has completed an 8-hole infill drilling program on the Ted vein at its 3Ts epithermal gold prospect south of Vanderhoof. Drilling is expected to resume early in the new year. All new data will contribute to the calculation of a resource estimate for the Ted vein.

Bonanza Ledge. The 150-metre decline being developed to access a high-grade portion of the Bonanza Ledge zone has reached a highly deformed & sheared argillite that locally forms the structural footwall of the zone. The zone requires heavy use of timbering. Mining of the bulk sample is expected to begin after Christmas or early in the new year.

Lustdust. Alpha Gold's attempt to drill a series of targets near the former Bralorne-Takla mercury mine was terminated after encountering technical difficulties.

Sustut Copper. Doublestar is reassessing its feasibility study completed earlier this year which included the development of two tunnels and a long ore pass to access the flat-lying copper ore body. Use of an aerial tramway is being evaluated.

COAL PATCH

Wolverine

Perry Creek. Western Canadian Coal drilled 3 RC holes at Perry Creek metallurgical coal property between Bullmoose and Quintette. The company will initiate a 6-10 hole coal seam coring program asap on seams E through J (Gates Fm). Core will be submitted to a facility in Calgary for a coke test. An expanded coring program is anticipated for early in the new year. Company representatives and consultants met earlier this week in PG with provincial and federal agencies to review the status of the project, the revised mine plan and to discuss water management strategy, issues and information requirements. Company is undertaking a \$6 million program of extensive environmental and baseline studies. Estimated capital cost of the 1.6 Mtonne per year mining project is \$115 million.

Of note is that Koch Energy is presently developing a CBM drill site smack in the middle of the proposed Perry Creek open pit development in order to test the potential of deeper Gething Fm coal seams (well beneath floor of the proposed pit).

Trend. NEMI Northern Energy and Mining Inc. completed a 37-hole, 3500-metre RC and coring program on its Trend metallurgical coal property southeast of Quintette. Coal quality testing is proceeding and pre-feasibility studies are moving forward.

→ Sustut

Schroeter, Tom EMPR:EX

From: Doublestar Resources Ltd. [info@doublestar.net]
Sent: Fri, December 8, 2006 9:56 AM
To: Schroeter, Tom EMPR:EX
Subject: Sustut Agreement Between Doublestar Resources and Northgate Minerals Extended



SW-Dec. 11/06

Sustut Agreement Between Doublestar Resources and Northgate Minerals Extended

December 8, 2006

Vancouver, British Columbia – By a Purchase Option Agreement dated June 21, 2004, Doublestar Resources Ltd., (DSR, TSX – V) agreed to sell the Sustut Copper property to Northgate Minerals Corporation in return for a series of payments (\$500,000 paid) that were tied to certain milestones being achieved in the development of the Sustut project. The Agreement was scheduled to expire on December 31, 2006.

The Company and Northgate are both of the opinion that the project is best maintained under the terms of the 2004 Agreement. Therefore, the companies have agreed to extend the Agreement by amending its expiry date to December 31, 2012. There are no other changes to the Agreement.

Doublestar's interest in the Agreement is tied to the series of milestone payments under which \$1,205,000 may be received, and a sliding scale royalty of \$2.00 per tonne of ore that may be mined (at copper prices above US\$1.40).

The Sustut project was drilled to feasibility by the Company in 2001-2, and one zone on the property was estimated to contain 4,676,000 tonnes of mineralization at a grade of 2.02% copper and 6 grams silver per tonne in a designed open pit (AMEC, Pincock, Allen & Holt - 2003).

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.

Contact: Alan Savage
 Chief Executive Officer and Chairman
 Phone: 604-688-7377
www.doublestar.net