

QR
886606

TGS -> RG
- Pr. Gen

Schroeter, Tom EM:EX

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.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, September 20, 2002 4:13 PM
To: 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: Lane weekly to Sept. 20, 2002

Lane Weekly to September 20, 2002

Northeast-Central Region

Exploration News

Kemess North

Northgate Exploration has announced assay results for twelve more diamond drill holes from its 2002 exploration program at the Kemess North and nearby Nugget porphyry Au-Cu targets. Results from the first hole at the Nugget Zone, located 1 km west of the proposed pit outline at Kemess North, included three intervals each between 50-60 metres in width with grades up to 0.55 g/t Au and 0.2% Cu. Drilling at the Kemess North deposit has further delineated the high-grade 'porphyry dome' core of the deposit. It measures approx. 700 m x 400 m, has a maximum thickness of 370 m and an average grade of more than 1 g/t gold equivalent. Grades continue to increase with depth. Two holes have been completed at Kemess East with partial assays available from one hole. More than 35 holes have been drilled on the property to date and with winter setting in (cirques are blanketed in snow!) it may be difficult to complete the program.

Brenda (Northgate Exploration).

Northgate has commenced drilling at this porphyry gold-copper prospect in the Toodoggone. Main target is the White Pass zone where previous drilling encountered encouraging 1 g/t Au and 0.1% Cu grades over meaningful intervals. Between 4 and 6 holes (2000-3000 metres total) are anticipated.

Ingenika/Swannell (Cross Lake Minerals)

Cross Lake has mobilized a drill to this lead-zinc-silver property adjacent to the former Ingenika mine, located WSW of Ingenika Arm, to begin a 600-800 metre diamond drill program. Primary target is a WNW-trending 500m x 200m Zn-Cd soil anomaly. Visit planned.

Lustdust (Alpha Gold).

Drill assays have been released for the first 2 holes of the 19-hole, 7790-metre drill program north of Tsayta Lake. Hole ddh2-01 intersected 18.75 metres of chalcopyrite-magnetite-chlorite retrograde skarn grading 0.95 g/t Au, 17.1 g/t Ag and 1.62% Cu. Hole ddh2-02 intersected a 1-metre massive sulphide band that graded 61.3 g/t Au, 181 g/t Ag and 0.87% Cu. Results from the other 17 holes are expected soon.

QR (Cross Lake Minerals and Gold Giant)

Later this fall Cross Lake plans to begin exploring (drilling) several targets near the QR mine site with funding partner Gold Giant. Priorities are the Northwest and West zones. This fall or perhaps next year, the east side of the QR stock will be evaluated-this area has been promoted by former Fox Geological staffers as a vastly underexplored area with the best chances for new discovery of 'propylite-hosted'(skarn) Au mineralization.

VW (Herb Allen).

One BQ hole (50.6 metres) has been drilled on this property targeting high-grade gold vein mine. Need to talk to Herb!

Field Activity

Schroeter, Tom EM:EX

TOS → Reg M
A.P.I

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.

Schroeter, Tom EM:EX

*TGS → Reg. Mgrs
— P. Bee.*

From: Beswick, Ed EM:EX
Sent: Thursday, June 14, 2001 2:47 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 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 14/01

Issues:

QR: Exploration work under Permit M-198 held Kinross will not be allowed to proceed until permit conditions have been satisfied. Allen Contracting will not be authorized to conduct exploration without supplying confirmation of consent from Kinross to utilize their permit.

FYI:

Kemess: Inspected @ MELP. Sediment management again a priority during spring freshet and heavy rains. Joint MOF/MEM/MELP heli inspection of the power line scheduled for Tuesday June 19th.

Placer: Cariboo Mining Association have elected a new executive. Unofficially:
Stan Burgunder President
Don Carter Vice President
David Erickson 2nd vice pres
Al Taylor Director

Complaints received about miners fording the Manson River. Dave Pow investigating next week. MELP/DFO/MEM placer audit in Cariboo scheduled for next week.

Gregg Stewart inspected in the region this week with Brian McB. at Kemess/Baker/Pinchi/Mt. Polley/Qr and Gibraltar.

Denis Lieutard also around this week conducting regional Mineral Titles Branch checks in the Cariboo and Omineca placer camps.

Gravel: Unauthorized operations both on private land near Vanderhoof ordered to cease operation pending issuance of permits. One operation had admitted to have produced on and off for several years - undetected until complaint received. Nevertheless, the operator is miffed that we have the audacity to order him to cease operation just when he is getting busy.

MX: Picking up over last year.

Chain Saw Course: Ed P. and David P. attended two day chainsaw course put on by MOF. Recommended for all who need to use a chainsaw.

Schroeter, Tom EM:EX

TBS → Reg. Mtg
- P.G.

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, Loma; 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

TGS → RG
P. Ges.

From: Lane, Bob EM:EX
Sent: Friday, February 09, 2001 4:10 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 for February 5-9, 2001

Exploration Monitoring:

QR
Geo Area

Big Valley has flown a limited heli-borne mag survey over its QR mine property.

Richfield Resources is beginning to formalize plans to explore several of its claim blocks in the Wells to Likely area.

Office Activities:

5 PA REPORTS evaluated and shipped to Gary Payie

Comments to provided to Victoria regarding PDAC booth and Calgary MEG

Exploration review article emailed and couriered to external editor. Thanks to Ken MacDonald for his major contribution on placer activity in the region

Further review and clarification of some historic lode mineral occurrences in the Wells Barkerville area—amendments to some of the Minfile occurrences for these areas are required (and will be provided during 2001)

Stope Baby paper begun for Part B

Preparing for Geoscience Needs meeting on Feb 13 in Victoria

Bob.

VOS → RG
— P.G.

Schroeter, Tom EM:EX

From: Lane, Bob A EI:A1
Sent: Wednesday, September 09, 1998 4:39 PM
To: Smyth, Ron EM:EX; lefebure@mp.gsb.empr.gov.bc.ca; McMillan, Bill EM:EX; Schroeter, Tom EM:EX; Beswick, Ed EM:EX; Pow, David EI:A1; Morgan, Dave E EI:A1; Pardy, Jamie EI:A1; Macdonald, Ken F EI:A1; Pittman, Ed R EI:A1; Seal-Jones, Graham EI:A1; McBride, Brian EI:A1; Wojdak, Paul EI:A1; Cathro, Mike EI:A1; Pinsent, Robert EM:EX
Subject: Lane Weekly: Aug. 31 to Spet. 4/98

Lane Weekly Report for August 31 - September 4, 1998.

Mining News:

Mount Polley. Currently processing 20,000 tpd with as expected (or better) metal recoveries. Re grind mill has been added to the primary circuit and a new re grind mill is being installed which will clean up the concentrate. Three deep holes totaling approx. 800 metres in aggregate length were drilled in the pit earlier this year to test the continuity of mineralization at depth. Grades encountered were encouraging (not startling, though) and continuous and may result in modification of the pit design in years ahead—too early to tell if any significant increased tonnage will result from the limited work completed. Mapping of the pit is also on going and is resulting in a better understanding of the features that are controlling grade. One result from the mapping was the recognition of a NW-trending fault zone—a permeable zone that is responsible for much of the oxide ore in the deposit. Tighter control on the oxide ore-sulphide ore contacts in this area of the pit has reduced the oxide:sulphide ratio by 10%. Mapping also more clearly identified several post-mineral intrusive phases (lamprophyre dykes, augite porphyry dykes and a megacrystic monzonite plug) which in the north end of the pit (currently inactive) reduce tonnage.

Re logging of all available core is also planned, and together with thorough mapping is expected to aid in future reserve modeling.

Mining is currently taking place from the 1130 and 1140 benches. Mining has exposed the Polley fault, which bounds the west side of the deposit and the Cariboo fault, which bounds the east side of the North pit. Production for the first six months of 1998 is 11,337,212 pounds copper (or 5,142.5 tonnes) and 48,390 ounces gold (or 1,505,070 grams) from 2,696,108 tonnes of ore milled. Recoveries averaged 50.8% for copper and 71.2% for gold. Concentrate is currently trucked to Ashcroft and loaded onto rail cars bound for a smelter in the yellow rose state (Texas).

QR. A total of 14,069 ounces gold (or 437,588 grams) were recovered from limited mining and milling during the first six months of 1998. The mine is now closed and reclamation is underway.

Exploration Monitoring:

Ace. Spoke with Louis Doyle of Barker Minerals on Sept. 2—Barker is planning a 5-10 diamond drill hole program for October that will test a 2.5 km long portion of the coincident IP-boulder train anomaly of the main Ace prospect. However, the money for the program has not yet been raised. Fingers are crossed!

Schroeter, Tom EM:EX

VBS → RG
— Pr. Geo.

From: Lane, Bob EM:EX
Sent: Friday, December 04, 1998 4:23 PM
To: Brown, Derek EM:EX; Mike Cathro; Paul Wilton; Paul Wojdak; Robert Pinsent; Bill McMillan; Dave Lefebure; Gib McArthur; Ron Smyth; Tom Schroeter
Subject: Lane Weekly Report

Lane Weekly Report: November 23 - 27, 1998

Mining and Exploration News:

Ace (Barker Minerals). A 7-hole, 1250-metre diamond drilling program has been completed on the Ace property, east of Cariboo Lake. Details are not available. This interesting VMS property will be drilled again next year, pending a successful Initial Public Offering slated for next spring.

Cariboo Gold Quartz (International Wayside Gold Mines). Visited December 2 with Ed Beswick. Reviewed program and examined diamond drill core from holes 98BC-09 and 98BC-11 with consultant Ned Reid. Extremely poor core recovery (20-50%) from the mineralized vein intervals. Drilling continues from surface on the BC vein with at least another 8 holes planned (if there's money in the kitty!). Historic records suggest there are several high grade shoots contained within the vein. Int'l Wayside will be drill testing the entire strike length of the BC vein over the next year or so in order to identify and outline as many of them as possible. Drilling of the Butts zone, located about 1 km south of the Pinkerton zone, has not proceeded as announced in press releases in late November.

QR (Kinross Gold). Reclamation of the site continues. Mill is still intact and property remains up for sale. Apparently there have been few suitors. Potential exists for relatively low cost development of at-surface reserves of the Northwest zone (>100,000 tonnes grading 3.2 g/t Au with a low strip ratio of about 0.3:1) identified during late '97-early '98 diamond drilling programs. Remaining West zone reserves (some 270,000 tonnes grading about 5.2 g/t Au) are open pitable, but have a much higher strip ratio (about 9:1).

Gibraltar (Boliden-Westmin, for now). Progressing with plans to go it alone.

Other:

"Mining and Exploration Review - 1998" paper in progress.

Interviewed two applicants for CO-OP student position.

Responded to request to supply 'mineral resources' map of the Muskwa-Kechika Management Area to John Cashore, Chair of Muskwa Kechika Advisory Board. Plans to work with GSB to complete application for M-K Management Area Funding to support regional mapping/sampling programs within the M-K. Much assistance was provided by Romona Blackwell.

Bob.

VBS → Reg Mgr
- Pr. Geo.

Schroeter, Tom EM:EX

From: Beswick, Ed EM:EX
Sent: Thursday, February 10, 2000 2:45 PM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Brown, Derek; Cheetham, Pat; Conte, Rick; Curtis, Ross; Eaton, Tim; Errington, John; Finvers, Maija; German, Gerald; Hall, Ted; Harris, Grace; Hermann, Fred; Hesketh, Joan; Jorgensen, Sharon; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; 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; Morgan, David; Pardy, Jamie; Pittman, Ed; Pow, David; Rivers, Jan; Wick, Patricia; Wood, Nancy
Subject: Prince George Update to Feb 10/00

Issues:

none

FYI:

Quintette: Two days spent reviewing incident investigations for all 1999 LTA's at Quintette, by E. Pittman, D Morgan, R. Booth, A. Hoffman, B. Taylor, G. Rowe & B. Melville, . The main conclusion was that most investigations did not completely get to the root factor. In order to fix this investigations need to be completed quicker and persons countersigning need to be more critical of investigations and conclusions. Mr. Pittman will be scheduling some accident investigation training in March.

DO's (Quintette) January 27, 2000, section of footwall in P1 pit failed after coal removed, some material struck tires of a Haul Truck being loaded. February 3, 2000 - A large metal number fell 20 meters from the top of a Blast Hole Drill mast. OHSC members in review would like to include an inspection of the mast to see what other welds are cracking.

Sustut Copper: DoubleStar Resources plans an 8 - 14 ddh program on its "redbed" copper deposit near the Sustut River in the northern Omineca. Program will be infill drilling to prove up higher grade core that could be mined/milled. 3 year timeline for a new but raising venture capital is a concern.

GSB contemplating 2 mapping projects in the Cariboo; one to examine Slide Mountain terrane that will encompass the Lottie-Bow-Tow VMS float prospects north of Wells and the other to cover Barkerville terrane near the Frank Creek VMS and Ace vein/VMS prospects south and east of Cariboo Lake. Presence of GSB mappers will elevate profile of the area.

AAH/Ally: Finlay Minerals plan a ~\$100,000 IP, geochem and mapping program on their porphyry Au-Cu property north of Kemess. (Cheni is the road access)

2R Kinross - QR:

Permit should be out this week. Tightening up land use objectives. Discussions with Brian Miller indicate that Big Valley (BV) will not have the permit transferred to them in time to have an amendment in place to operate their heap leach program for this spring. BV now plans to look at underground mining for the short term ,then apply later for the amendment for the heap leach operation.

VOS → Reg. Mgr
- P. Geo.

Schroeter, Tom EM:EX

From: Beswick, Ed EM:EX
Sent: Friday, January 21, 2000 8:54 AM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Brown, Derek; Cheetham, Pat; Conte, Rick; Curtis, Ross; Eaton, Tim; Errington, John; Finvers, Maija; German, Gerald; Hall, Ted; Harris, Grace; Hermann, Fred; Hesketh, Joan; Jorgensen, Sharon; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; Phelan, Bill; Rennie, Loma; 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; Morgan, David; Pardy, Jamie; Pittman, Ed; Pow, David; Rivers, Jan; Wick, Patricia; Wood, Nancy
Subject: Prince George Update to Jan. 21/00

Issues:

Kerness: Transportation options review. Information exchange meeting between Takla First Nation and Northgate is a sign of improved communications. Final paperwork on Northgate assumption of the Kerness operation expected in the next three weeks. In the interim, Northgate has signed a management agreement with the receiver and is in full control of the operation. Headaches for January included a one week power outage, tailings line freeze up, moisture content in the cons and the BCR lockout. Notwithstanding, the production target of 60,000 tpd was achieved. 36 workers laid off due to tailing dam operations downsizing.

Placer: Quiet on Martin Mines. Notable clients griping about unnecessary and "additional" paperwork regarding the notice of completion requirement. Over time most operators should see the completion cycle as a natural extension to the NOW.

FYI:

QR: Permit amendment meetings including CMDRC. Big Valley Resources is proposing a 200,000 tonne heap leach project to begin with.

Mt. Polley: Audit review conducted by E. Pittman. Things seem to be on track with the audit response - OHSC will be meeting again to provide input.

Gibraltar: Taseko Mines plans to resume copper production in the fall of 2000. The company will also aggressively explore their mine leases with property-wide IP and diamond drilling. Presently in the process of procuring production equipment.

DO: Quintette, light vehicle struck by haul truck under tow. A service truck was following when the tow truck and haulage truck started to slip backwards. Violent U turn ended up with the truck lodged on the left hand berme. Minimal damage - no injuries.

Endako: Ed Pittman conducting Accident / Incident Investigation training. Four - 1 day sessions.

Land Use:

Mackenzie LRMP: Continued discussions with Nina/Jackaroo tenure holders. Some positive advances, but all indications are that the Jackaroo will succumb. Continues as a regional planning priority.

Kluskus SRP: Draft text being crafted this month, for final public review. MEM participation required to ensure that access to mineral resources is maintained.

Williams Lake SRP: Initial stages, with an open house/information session this week. Romona reports a

Schroeter, Tom EM:EX

TOS → RG
— Pr. Geol.

From: Lane, Bob EM:EX
Sent: Tuesday, July 25, 2000 4:25 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 July 17 - 25, 2000.

Exploration Activity in the Northeast-Central Region

Kemess. Visited July 24-25, 2000. Met with Chief Mine Geologist, Mike Hibbitts, staff geologists Miles Gao and Mike Seib, and contract geologist Brett LaPeare [note: there are now 7 geologists onsite, including those on cross-shifts]. Four NQ holes, totaling 1015 meters were drilled on the Kemess Centre porphyry Cu-Au target located less than 2 km N-NW of the Kemess South deposit. Holes KC01 to KC03 tested an east-trending coincident radiometric - IP chargeability anomaly. Hole KC04 tested the eastern flank of a "bulls-eye" radiometric anomaly approx. 500 metres to the north. Each hole encountered some mineralization associated with qtz monzonite to diorite intrusions. Assays are pending.

The exploration team is about to begin a 5-8 hole program of infill/confirmation drilling on the Kemess North deposit. These holes are intended to test for continuity of grade between existing holes or evaluate the margins of the deposit that remain open.

QR. There are rumours of the former gold producer being purchased by Prince George local Roger Alan. If true, he may attempt to re-energize the property. Staking and exploration for PGM and gold targets in the Maud Lake area to the west may generate some new showings.

Lustdust. Visited this exciting carbonate-replacement (skarn and manto) prospect, located 210 km N-NW of Prince George, on July 21. At the time of my visit owner/operator Alpha Gold had completed approximately 8000 feet of diamond drilling in 18 holes (no assays results released yet); another 12-18 holes are expected to be drilled by mid-August. Examined core from several holes as well as road cuts/trenches that expose manto and skarn mineralization. A showing (TR-05) exposed last year in a road cut on the north side of Canyon Creek consists of a 2-metre wide zone of garnet-rich skarn, mineralized with coarse-grained chalc and bornite, in contact with a QF? dyke. Disseminated and fracture-controlled chalc and py extend into the dyke and hornfelsed argillites. Sampling by the company across the zone averaged 5.7 g/t Au, 351 g/t Ag, 12% Cu and 0.3% Zn. This occurs within a 7 metre interval that averaged 5.1% Cu. This zone is one of many skarn targets being evaluated by diamond drilling this year. Lustdust will probably end up being of the top 2 or 3 exploration projects in the region this year. A follow-up visit is planned with Ray/Webster and Schroeter August 13-15.

WELLS-BARKERVILLE AREA

Bonanza Ledge (Cariboo Gold Quartz). Visited July 20, 2000. Met with Richard Hall and Kika Ross. Examined holes 17-19 and reviewed hole 10; collected samples from selected intervals for geochemical analysis (+/- T.S./P.T.S. work) as part of alteration study.

Drillers were setting up "38" to begin drilling hole BC2K-30 (at the time of my visit). The next approximately 10 holes are intended to be infill (fan) holes on 100 ft. centres (or less). It is expected that data from these holes will contribute important structural information regarding the geometry of the deposit (as well as some more high grade