

mt. Polley
885584

TOS → 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. Regrind mill has been added to the primary circuit and a new regrind 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.

Relogging 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!

TGS → RG
- P. Geo.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, November 13, 1998 2:54 PM
To: 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 9 - 13, 1998

Mining and Exploration News:

Tsacha (Corona Gold with Teck as operator). Drilling of final hole of the season is under way (15th of the program). Early drill intersections (98-70 and 71) of vein beneath the felsite sill have been confirmed as Larry vein. Holes 98-77, 78 and 79, drilled from the west, intersected the main Tommy vein below the sill with true widths of 0.71 metres, 3.4 metres and 5.2 metres. Hole 98-80 was lost. Assays are not available, but grey-blue banded chalcidonic quartz, and traces of very fine-grained sulphides were noted in several areas of the vein from hole 98-79. Banded chalcidony was commonly associated with better grades in trenches and drill intersections above the sill. Hole 98-81 will be the last of this years program and is targeting the Tommy vein beneath the sill 100 metres south of holes 98-77 and 78, and 50 metres south of holes 98-79.

Taken (Paramount Ventures and Financing Inc.). Limited trenching and test pitting was completed on this property adjoining Tsacha as follow-up to 5.5-line kilometres of IP completed earlier this fall. One trench encountered rhyolite breccia with < 1% bornite.

Mount Polley A bulk test (~100,000 tonnes) of ore in the Bell pit is proceeding. The mine should easily reach its 100,000 ounce target for production in 1998. Next years exploration program, if approved, will test 4 areas including the South Cariboo zone, south of the existing pit outline.

Granite Mountain (United Gunn). Exploration plans for next year include a "significant" diamond drill program to follow up the successful grassroots program conducted this year.

Val (Rio Algom). Optioned 160+ claims units, that are tied on to United Gunn's claims west of the Gibraltar mine, and conducted a 40-line kilometre IP survey on the ground. Follow-up next year is likely.

Other:

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

Preparing for presentations to Omineca Mining Access Road users group (Nov. 20) and Omineca Exploration Group (Nov. 26).

Met with Ian Thompson, Treasurer CIM North Central BC Branch, to reconcile CIM talk expenditures.

Bob.

TGS → Mount Polley.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Thursday, April 01, 1999 10:43 AM
To: Schroeter, Tom EM:EX; Brown, Derek EM:EX; David Morgan; David Pow; Ed Beswick; Ed Pittman; Jamie Pardy; Ken MacDonald; Romona Blackwell; Mike Cathro; Paul Wilton; Paul Wojdak; Robert Pinsent; Bill McMillan; Dave Lefebure; Gib McArthur; Ron Smyth
Subject: Northeast Central Weekly Report

Weekly Report for March 22 - April 1, 1999

Mining:

Mount Polley. Mill throughput has averaged more than 20 000 t/d for the last month or so (operation benefiting from recently hired ex-Gibraltar workers). Limited tonnage identified and mined immediately west of the Cariboo fault (previously thought to be the western limit of economic grade mineralization).

Exploration:

Mineral NoW received to date = 23.

Cariboo Gold Quartz. Surface diamond drilling continues on the BC Vein with 6 holes completed so far in 1999. No Assays to report.

Woodjam. Phelps Dodge has optioned the Woodjam property (formerly the Megabuck property), located southeast of Horsefly, from owner Wildrose Resources. Claims cover a porphyry gold-copper prospect and several other targets that exhibit coincident high magnetic and radiometric signatures.

Other:

CIM North Central BC Branch meeting details coming together. Several speakers for 'new mining projects' and 'mining partners' sessions confirmed. Anticipating good turnout despite sour state of mining.

Exploration and Mining in British Columbia - 1999 volume printed and in hand for sale/distribution at KEG.

On annual leave/time off: March 24-30.

Bob.

TJS → RG
- Pr. Geo.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, September 24, 1999 3:23 PM
To: David Morgan; David Pow; Ed Beswick; Ed Pittman; Ken MacDonald; Romona Blackwell; Mike Cathro; Paul Wilton; Paul Wojdak; Robert Pinsent; Dave Lefebure; Derek Brown; Gib McArthur; Larry Jones; Ron Smyth; Tom Schroeter
Subject: Lane Weekly

Lane Weekly: Sept. 17-24/99

Kendall. Shelley Webber and I spent a day (Sept. 17) with property owner Trent Lemke on his copper-bearing fault/shear zone in the northern Columbia Mountains, 45 km northwest of McBride. The NW-trending zone occupies the faulted contact between Windermere Yankee Bell and Midas formations. The zone has a minimum strike length of about 1200 metres and ranges in width from 4 -9 metres. Mineralization is erratic along strike. It is associated with silica flooding of the structure, brecciation and later iron carbonate. Chalcopyrite is the principal copper sulfide; chalcocite occurs locally and is associated with better, but still very modest silver grades. Pyrite is common, particularly in deformed phyllites (Midas) that are caught up in the structure. Grab samples have assayed up to 14% Cu with 0-8g/t Ag and no gold. Channel sampling, using a portable diamond saw, will provide better representation of grade over meaningful intervals.

Milk. Trent Lemke is also using the diamond saw to systematically sample a series of auriferous en echelon veins on the Milk property, 25 km west of McBride. The veins occur in pervasively iron carbonate-altered and deformed phyllites (Isaac Formation) and feldspathic sandstones and grits (Kaza Group). Veins consist primarily of white 'bull' quartz with minor amounts of chlorite, ankerite-siderite and traces of sericite. Pyrite is the prevalent sulphide. Gold grades are erratic ranging up to 66 g/t Au in grabs.

The main exposure is about 200 metres across with a vertical component of 100 metres. A similar series of en echelon veins occurs in immediately east at the headwaters of the Dore.

Pine. Project geologist David Blann notified that Stealth Mining has completed its exploration program on the Pine porphyry Au-Cu prospect located 25 km north of the Kemess mine. Three holes totaling about 800 metres were drilled, all on the main Pine zone. Assays are pending. Reconnaissance work identified several gold-bearing base metal veins which may be the target of follow-up work next year.

Mount Polley. Visited Sept. 23/99. Imperial Metals has completed 12 of 14 diamond drill holes at the minesite. Eight holes were drilled immediately north and east of the Bell pit; 2 were drilled in the southern part of the Cariboo pit, and; 2 of 4 have been completed immediately south of the Cariboo pit. Limited near surface mineralization was identified in the Bell pit area drilling. Both Cariboo pit holes intersected significant intervals of intensely altered and well mineralized hydrothermal breccia. Current drilling of the South Cariboo Extension may identify additional ore grade material.

Limited exploration beyond current drill program may target "71" zone north of Bell pit and immediately SW of Road zone (east extension of Lloyd 2 zone on Big Valley Res. ground to the north-northwest) where there has been some encouragement in the past.

TGS → MOUNT POLLEY

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Saturday, March 11, 2000 10:56 AM
To: Beswick, Ed EM:EX
Subject: RE: Van. MDO (GSB): Mar. 1-4/00
Sensitivity: Private

Ed, Great news - thanks! Tom.

From: Beswick, Ed EM:EX
Sent: Friday, March 03, 2000 2:59 PM
To: Schroeter, Tom EM:EX
Cc: Lane, Bob EM:EX
Subject: RE: Van. MDO (GSB): Mar. 1-4/00
Sensitivity: Private

Talking to the mine geologist yesterday at Polley. They hit significant intersection of native copper (disseminated?) I expect in the C2 that you referred to. Haven't assayed for Au yet but hold on to you hat -----

From: Schroeter, Tom EM:EX
Sent: Friday, March 03, 2000 2:44 PM
To: Adams, Rick; Andrew Whale; Bob Lane; Christy Cattermole; Dave Lefebure; Denis Lieutard; Derek Brown; Dorthe Jakobsen; Duane Anderson; Ed Beswick; Finvers, Maija; Fred Hermann; Gib McArthur; Graeme McLaren; Jim Lewis; John Errington; Karen Koncohrada; Larry Jones; Mike Cathro; Paul Wilton; Rick Conte; Robert Pinsent; Ron Smyth; Ted Hall; Wally Bergen; Ward Kilby
Subject: Van. MDO (GSB): Mar. 1-4/00
Sensitivity: Private

1) Priorities For Coming Week:

- a) Mining Millenium 2000 (PDAC/CIM), Mar. 4-10: i) MEM Booth; ii) MEM Reception; iii) Technical talks, core displays, Investors Forum etc.; iv) CIM - Awards Night; v) meetings.
- b) "Gold in BC" Project: in Headquarters for formatting, sign-off, printing.
- c) Exploration Tracking/Monitoring/Trends: Ongoing.
- d) Harrassment Awareness Workshop (Mar. 7/2000): Christy registered.
- e) MEG (Mar. 15th): Preparation - "Western Areas, South Africa" (Placer Dome).

2) Status of Strategic Projects:

- a) "Gold in BC" Project: Final revised edits to manuscript submitted to Headquarters (28th).
- b) Exploration Tracking/Monitoring/Trends: Interest in BC still growing. Current Expenditure estimates = \$35-\$40M [really depends on whether or not a 'focused' flow through shares program comes to fruition this year].
- c) Mining Millenium 2000 (PDAC/CIM), Mar. 4-10: i) Teleconference call with Headquarters (29th); ii) Reception list; iii) Minister's meetings.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, March 31, 2000 10:57 AM
To: Mike Cathro; Paul Wilton; Paul Wojdak; Robert Pinsent; Dave Lefebure; Derek Brown; Gib McArthur; Larry Jones; Ron Smyth; Tom Schroeter
Subject: Lane Weekly Report

TOS → RG
- Prince
George

Lane Weekly Report for: Mar. 20 - 31, 2000

Exploration Activity:

Mount Polley. Visited on March 16. Imperial Metals has completed 10 exploration diamond drill holes (of a planned 16-hole, approx. 3200-metre program) immediately south of the Cariboo pit. Targets included the C-2 zone (7 holes), the 207 zone to the east of C-2 (1 hole) and the southern edge of the Cariboo pit. Each area has implications for future expansion of the southern limit of the Cariboo pit. The C-2 zone is taking shape; it has a strike length of at least 200 metres and is up to 70 metres across; its western side is limited by the Polley fault and its northern and southern extensions are offset by late east-trending brittle structures; disseminated and fracture-controlled chalcopyrite and uncommon bornite occur in hydrothermally altered intrusion breccia with abundant secondary K-feldspar, actinolite and magnetite. At least one or two of the remaining six holes will test the down-dip continuity of the zone. Success will likely result in an expanded drill program and possible development in 2000. The C-2 zone is a high priority because it crosses the currently used haul road to the Cariboo pit; development of C-2 would coincide with the lowering of the haul road to the pit.

Cariboo Gold Quartz. Visited the site on March 27 (with KM and BMcG) following rumours of a new high grade gold discovery and a company news release that confirmed the rumours. Examined core from several BQ holes that have been drilled into and through the BC vein east of the BC Shaft (and east of last years drilling). At the time of the visit 13 ddh had been completed and hole BC-2K-14 had begun.

The intent of the drill program was to test the extension of the BC vein in an area for which there is little information. The earliest holes of the program either missed the target or were stopped after reaching their target, but before penetrating much of the footwall rocks. Hole BC-2K-8 encountered pyrite-rich material in the immediate footwall of the vein. Assays for sludges and core were reported for with hole BC-2K-8 with the best core assay grading 14.36 g/t Au over 5.7 metres. Recognition of this high grade material (assisted by some quick-turnaround sludge assays!) resulted in deeper step-out holes. Holes 9, 10, 12 and 13 also penetrated the footwall zone. The zone currently has a strike minimum strike length of 400 feet. Core splitting and assaying has not been completed for holes 9-13, but results are expected by next week. Additional drilling, on 200 ft. step-outs, is planned.

Assays from 2000 drilling show the BC vein itself to be weakly mineralized. High grade mineralization occurs in the footwall of the vein, in tan talcose sericite-quartz schists where sericite is locally >80%. Weak to moderate Fe-carbonate alteration is pervasive with traces of mariposite-fuchsite. Pyrite is the only visible sulphide (although As-ICP is locally highly anomalous); it occurs as fine to med.-grained semimassive to massive bands up to 1.2 metres wide within the sericite-rich footwall rocks that typically contain between 3 to 8% pyrite; sericite phyllites are interbedded with graphitic phyllites, but the latter carry significantly less pyrite, most of which is porphyroblastic, and are not auriferous. Hangingwall rocks are distinctive and therefore are a good marker—they are characterized by quartz-sericite schists that contain 2 to 3% disseminated magnetite grains and <1% disseminated pyrite.

Core recovery in the footwall is generally >90%, despite small core size (BQ); two 38s are being rebuilt onsite, one of which will be used to drill larger diameter core (hopefully H). The other will be used to conduct infill drilling on the Sanders zone, an area that the company has proposed to develop using open pit mining methods.

Other News:

Minerals North. Despite announced closure of Quintette Minerals North Conference is moving full steam ahead with no

Schroeter, Tom EM:EX

TGS → Reg. M.
~~George~~
Prince
George

From: Beswick, Ed EM:EX
Sent: Wednesday, May 24, 2000 2:40 PM
To: Adams, Rick; Anderson, Duane; Bergen, Wally; Brown, Derek; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; German, Gerald; Hall, Ted; Harris, Grace; Headley, George; Hermann, Fred; Hesketh, Joan; Jorgensen, Sharon; Kennedy, Wesley; 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 May 24.

Issues:

Mt. Polley: Have applied to the Job Protection Commission for an extension to their economic plan which is due to expire on June 30, 2000. To make matters worse on May 8th one of the mills experienced a breakdown last week that has caused the operation to run at about 80% capacity. Key stakeholders in the JPC plan will be, among others, B.C. Hydro and Sumitomo. If metal prices remain depressed and the economic plan is not accepted the company will consider the other options including redesign of some mine plans. Public Advisory newsletter going out within the next weeks for input to a change in the approved rock dump locations that would result in reduced haul times.

FYI:

Quintette: Geotechnical DO May 18th Failure of Berm on the final pit wall on the original bottom up mining sequence. Total volume small but because the area is adjacent to the "Sink-hole" and there is cracking on the active mining bench this could be a serious safety concern. Prisms were installed along crest of the old final wall. The ramp was closed until monitoring was fully underway, i.e. multiple readings available. Midnight on the 18th the ramp was reopened to production vehicle traffic after no movement could be detected by the monitoring. Crews were consulted on the situation as was the OHSC member on shift.

International Wayside: Still very active at the site with major companies in the hunt. Discussions at CMDRC and open houses hosted by IW included noise, dust, the location of the tailings impoundment above the village of Wells. Some concern was expressed about the impact on the historic heritage of Wells/Barkerville. There were numerous people who were interested in work and wanted to know when construction would start. Media interest high.

Mr. Richard C. Atkinson, P.Eng has been appointed Chairman of the Board of Directors for the Company.

Spanish Mountain: Mt. Polley is planning a 5000 T test shipment of high grade au ore to the mill this summer.

Nazko: Productive meetings reported between Dave Pow(MEM) the band and Canada Pumice. One ounce of prevention = a pound of cure?

Minerals North: Well attended although sparse from an exploration perspective. Quintette presence strong - last chance to support the event?. Reviews strong regarding MEM speakers!!!! Excellent media coverage with CBC North's Mark Harvey hosting the morning show, that featured many of the delegates from the conference.

CIMM AGM for North Central Branch in Williams Lake May 26/27. Registration over 60 with emphasis on some grass roots exploration prospects and other projects in the Cariboo.

Stanley Barkerville Road: About to declare conditional staking reserve - coupled with a Proclamation of the

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, June 11, 1999 10:01 AM
To: Schroeter, Tom EM:EX; Brown, Derek EM:EX; Mike Cathro; Paul Wilton; Paul Wojdak; Robert Pinsent; Bill McMillan; Dave Lefebure; Gib McArthur; Ron Smyth
Subject: Lane Weekly

Lane Weekly Report: May 25 - June 11, 1999

Activities:

Prospector Training: Omineca Exploration Group sponsored an Industrial Minerals course on June 5-6 in Mackenzie. Danny Hora was the instructor. Eight attended.

The CIM North Central BC Branch Annual Spring Meeting, held on June 4-5 in Prince George, was a terrific success. A total of 59 delegates attended; most major mines in the north and central parts of the province were represented. Banquet attendance was about 75. Excellent sponsorship and participation from local suppliers, contractors and consultants as well as many from the lower mainland. Branch membership has swelled to 56 for 1999! Many thanks to those who helped out: Romona, Nancy, Dave M., and especially Jan and Tish, who in addition to other tasks, staffed the registration desk both Friday night and early Sat. morning.

Investigated several showings in and around the Naver pluton--samples submitted for analysis. Assisted prospector with sampling program.

Mines

Kemess. Reserves (CONFIDENTIAL) for the Kemess South deposit, as of December 31/98 were 216,534,000 tons (196,418,000 tonnes) grading 0.018 oz/t) 0.617 grams/tonne gold and 0.218% copper. The parameters used to calculate the reserves were US\$325 per ounce gold, US\$0.80 per pound copper and an exchange rate of \$1.52.

Mount Polley. During the first quarter of 1999 the Mount Polley mine produced 24,590 ounces (764.8 kg) of gold and 7.12 million pounds (3229 tonnes) of copper from the milling of 1.506 million tonnes of ore. Mill throughput in May averaged approximately 20 600 tpd, up significantly from the 1998 average. Development of the Bell pit is proceeding. Exploration may take place on the property late in the summer toward the north end of the Bell pit where past diamond drilling encountered encouraging copper-gold grades.

Exploration

Woodjam (Megabucks). Phelps Dodge plan to start their program on this porphyry copper-gold prospect, optioned from Wildrose Resources, as early as this weekend. Initial grid re-establishment and mapping will be followed by drilling of 4 holes to test several mag anomalies.

VBS → RG
-Pr. Ge

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Tuesday, July 18, 2000 1:13 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 2 - 13, 2000

Exploration Activity in the Northeast-Central Region

Keno (Bren 093A 079). Examined core from hole K00-03 of this porphyry moly (+/-copper) prospect, 32.5 kilometres east of Horsefly, on July 5 with property co-owner Jack Brown-John. Fracture-controlled molybdenite occurs consistently throughout the full length of the hole, but is more conspicuous in zones of moderate to intense argillic alteration. Moly also occurs with quartz in ribboned veins, up to 10 cm across, that cut the altered monzonite. Traces of chalcopyrite are uncommon. The 4-hole drill program totaled 603.5 metres.

Spanish Mountain. Visited July 10 with Imperial Metals geologists Steve Robertson and Pat McAndless and GSBers Fil Ferri and Pat Johnstone. Imperial Metals has completed close-spaced percussion drilling on 5 different zones on the property, including the Dodge Pit and 103 zones (on the and Don claim owned by Bob Mickle) and the LE, M5 and Madre zones (on the CPW claim owned by Wildrose) and is awaiting assay results in order to select the best one or two zones for bulk sampling. Mineralization consists mainly of intensely oxidized pyrite and quartz-pyrite stringers in black phyllites and siltstones, part of the Middle to Late Triassic succession that forms the base of the Quesnel Group. Material will be processed at the Mount Polley mill, and if successful, will lead to an expanded program.

Mount Polley. Visited July 10 with Imperial Metals geologists Steve Robertson and Pat McAndless and GSBers Fil Ferri and Pat Johnstone. Mine geologist Greg Gillstrom is drilling off an area labeled the Southeast zone (southeast of the rock dumps) where RC drilling in the vicinity of an old single hole anomaly has generated some potentially economic Au-Cu grades in hydrothermally altered intrusion breccia and silicified andesite. Method of using a track mounted 'production' rig for exploration is both inexpensive and very effective. The results of a meetings between the mine and the JPC, held to discuss terms for a new economic agreement, are not yet known.

Sustut Copper. Doublestar Resources expect to begin their diamond drilling program on this volcanic-hosted rebed copper deposit sometime during the last week of July.

Carruthers. Phelps Dodge are planning to begin their diamond drilling program on this VMS prospect in late July.

Tas. Drilling on this gold vein/shear zone prospect has been delayed because of lack of funding. Operator Omni Resources (Terence Elliot) remains optimistic that funds will be arranged in time for this seasons proposed/approved program to proceed.

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Monday, May 14, 2001 3:18 PM
To: Smyth, Ron EM:EX; Lefebure, Dave EM:EX; Brown, Derek EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Massey, Nick EM:EX
Subject: FW: Lane "Weekly" Report

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

From: Lane, Bob EM:EX
Sent: Monday, May 14, 2001 3:11 PM
To: EM MB Prince George DL
Subject: Lane "Weekly" Report

Lane Catch-up Report to May 11, 2001.

Exploration Monitoring

Approximately 62 Mineral Notices of Work have been received to date for exploration projects in the region.

Mount Polley (April 17): Reviewed early drilling program on Springer zone and new North Springer Extension (NSX?). A total of 36 diamond drill holes, plus numerous percussion holes were drilled at Springer and the NSX during the first 2 phases of exploration. The new zone is a NNW-trending vertical, tabular body that has approximate dimensions of 230 m along strike by 50-60 metres wide by 100 metres (minimum) down dip. The zone may extend continuously from the Springer zone (south), but is truncated by an E(?)-trending fault on its northern extremity. The zone is comprised of intrusion breccia that is albitized and silicified. The breccia contains very fine grained disseminations of CPY and PY. Magnetite and actinolite commonly fill fractures. Phase 3 has not yet been planned, but may include drilling of the Kay Lake basin anomaly, located ~1 km NW of NSX.

Bonanza Ledge (April 9): International Wayside (IWA) has completed five diamond drill holes on/near the Bonanza Ledge zone. All five holes are more or less on section with 2k holes 23-25, 30 and 31. Favourable lithologies have been occur in hangingwall and footwall rocks of the Canusa Vein, but with the exception of a few narrow, auriferous pyrite-rich zones, little mineralization has been intersected. IWA will also drill test the 'Wells Trend', south of and sub-parallel to the Sanders-Pinkerton-Rainbow zones, where Fe-carbonate-sericite+/- pyrite alteration coincides with a pronounced Au-in-soil geochem anomaly.

Willow Creek (Mar. 27): Visited the Pine Valley Coal bulk sampling project with consultant Kevin James. Approximately 35,000 tonnes of raw, low-volatile coal had been mined from '7' seam and stockpiled at the loadout. Next phase of pit development will remove 15,000 tonnes (or more) to meet existing contracts. A 5-hole drilling program near the eastern margin of the pit was nearing completion.

Results will guide future development.

Perry Creek. Western Canadian Coal Corp. completed a 5-hole, 800-metre drilling program on its Perry Creek deposit, 23 km W of Tumbler Ridge. Perry Creek is an underground coal target adjacent to the railway and is one of several targets on the company's Wolverine property. Additional exploration is expected to proceed later in the year.

CBM: Provided information on activity in the NE Coal Block to representative of AEC who is looking for opportunities in NE BC.

Provided some background information to a junior mining company that is considering optioning claims within a northern SMZ. Its encouraging to hear that companies are at least considering exploring within these 'special' areas.

Office-Based Activities

Basic Prospecting Course was held in PG from April 30 - May 6 with 18 enthusiastic wanna-be rock hounds. Average age of the class is a concern though--were not attracting the younger, more able-bodied individual to these classes. Instructor Chris Wild was assisted by Brian McGrath and BL. A day trip to an operating placer mine will be offered later in the spring. Another basic course is just being completed in Mackenzie with eight students.

Prospectors Assistance Program. Evaluated a total of 21 applications (many very impressive; one disqualified) for programs in the

Schroeter, Tom EM:EX

TGS → Mt. Polley

From: Schroeter, Tom EM:EX
Sent: Tuesday, May 15, 2001 3:12 PM
To: Lane, Bob EM:EX
Subject: RE: RE:MT.POLLEY

Sensitivity: Confidential

Thanks, Bob.

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

From: Lane, Bob EM:EX
Sent: Tuesday, May 15, 2001 2:08 PM
To: Schroeter, Tom EM:EX
Subject: RE:MT.POLLEY
Sensitivity: Confidential

Tom... of note regarding Mt Polley: approx exploration spending to date in 2001 = \$0.35 million; total budget for the year is about \$1 million. Confidentially, the future of the mine is very uncertain/tenuous (e.g. Kemess has had a number of Mt. Polley mine/mill staff apply for jobs)--the operation continues to be very efficient, but significantly better metal prices are required for it to be profitable and continue in operation. Between you and me, I'd be surprised to see the operation last to year's end. The development of Springer is about to begin (or has already begun), and while the North Springer Extension is very encouraging, Imperial may choose to wait for prices to improve rather than mine it now at little or no profit.

Bob Lane
Regional Geologist
Mines Branch, Prince George
British Columbia
V2K 4H9
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Schroeter, Tom EM:EX

VOS → RG
- Pr. Sec.

From: Lane, Bob EM:EX
Sent: Friday, June 08, 2001 3:42 PM
To: Beswick, Ed EM:EX; Blackwell, Romona EM:EX; MacDonald, Ken EM:EX; McBride, Brian EM:EX; McGrath, Brian EM:EX; Morgan, David EM:EX; Pittman, Ed EM:EX; Pow, David EM:EX; 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

Lane Weekly Report to June 8, 2001.

Mining

Mount Polley. Imperial Metals reported first quarter, 2001, metal production for Mount Polley totaling 23,918 oz gold and 8.509 M lbs copper from the processing of 1.7115 M tonnes of ore at an average rate of 19,840 tonnes per calendar day.

Kemess. Northgate Exploration reported first quarter, 2001, metal production for Kemess Mount Polley totaled 73,360 oz gold and 18.662 M lbs copper from the processing of 3.542 M tonnes of ore at an average rate of 39,361 tonnes per calendar day.

Exploration Monitoring

Nechako Plateau. Spent a day (June 4) with prospector Nathen Kencayd in the Copley Lake area, Southeast of Fraser Lake, looking at a number of weakly mineralized rhyolite flows/flow dome complexes. Whispy fine-grained pyrite is common, but only up to 1-2%, and is associated with secondary silica (chalcedony with some drusy cavities). Past assays anomalous in Mo (up to about 300 ppm) and Au (up to about 600 ppb).

Pine. Stealth Mining has been successful in raising exploration capital and plans to drill approximately 10 holes at their Pine porphyry copper-gold prospect, located about 20 km north of the Kemess mine.

Baker. Sable Resources plans to drill four vein targets (the Sandy, BX, BH and BD veins) on its Baker gold property, north of the Kemess mine. All are near the previously mined B vein. Additional IP is also planned.

Dome Creek. Visited by Dave Pow: Contractor, on behalf of Dome Creek Structural Slate Co., is currently drilling, blasting and removing several tonnes of coarse slate block that will be hauled to McBride for further processing.

Bonanza Ledge. International Wayside reported that early 2001 drilling on the Bonanza Ledge zone (7 holes completed totaling 1582 metres) has extended the zone of alteration and anomalous gold values along strike to the SE for an additional ~33 metres. Hole BC01-05 intersected a mineralized fault (0.38 opt Au over 2 ft) that truncates the zone. Future drilling will target the structure in an attempt to determine direction and amount of offset. Drilling also intersected a narrow high-grade section of the Canusa vein, a gold prospect located at the divide between Lowhee Creek and Stouts Gulch (2 former hydraulic mines) that was explored years ago by a shaft

Other Activities

Attended Forum on the Geology of Industrial Minerals in Victoria (May 22-24) and presented poster entitled 'Industrial Mineral Endowment and Development Opportunities in Northeast-Central British Columbia' co-authored by Ken MacDonald, Brian McGrath and BL.

Presented 'NE-Central Region 2000 Mining and Exploration Review' at the 4th Annual CIM North Central Branch Spring Meeting in Quesnel (May 25-26) and co-organized CIM Branch fieldtrip to the former Mosquito Creek Gold and Cariboo Gold Quartz underground mines. The event was very successful; sponsorship and participation reached an all-time high. Have begun to lay the foundation for a joint CIM Branch-Minerals North event to be held in Prince George next year in mid-May.

Took part in MEM - Kaska Dena Interim Measures Agreement Implementation Meeting in Terrace on May 30 and provided update on mining and exploration activity in the Toodoggone and Gataga areas.

Attended Minerals North conference in Terrace (May 31-June 1) and presented 'NE-Central Region 2000 Mining and Exploration

Schroeter, Tom EM:EX

JTS → Roy, Mr
— Ar. Ges

From: Beswick, Ed EM:EX
Sent: Monday, September 24, 2001 10:27 AM
To: Adams, Rick; Anderson, Duane; Beckett, Carla EM:EX; Bergen, Wally; Brown, Derek; Cheetham, Pat; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; German, Gerald; Guthrie, Shelley; Hall, Ted; Headley, George; Hermann, Fred; 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; Stewart, Linda; Whale, Andrew; White, Don; Blackwell, Romona MSRM: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 Sept. 24.

FYI:

Kemess: Northgate announced last week the "best intersection to date" at Kemess North, reporting 248 meters @ .4% Cu & .91 g/t Au. Drilling is expected to continue until the end of October. Feasibility studies continue to look at methods of ore transportation to the Kemess South concentrator including an overland conveyor system. Powerline inspections continue.

Baker. Sable Resources has completed mining and milling of 1400 tons of ore from the A and B veins. Average head grade is a reported 1.3 ounces/ton gold-equivalent. Approximately 800 tons were mined from surface on the A vein and about 600 tons were recovered from the open cut on the B vein. Several lines of IP were added to B zone and a couple of targets will be drilled in the next weeks. Orders issued to remove access to the glory hole area.

Lorraine. Eastfield Resources is about to begin another phase of diamond drilling on the Lorraine. Ten holes totaling 1808 meters have been drilled on three zones (Lower Main, Upper Main and Bishop) in an attempt to connect the zones and develop more tonnage. The present resource stands at an estimated 32 Mt grading 0.66% Cu.

Burnt River: Western Canadian Coal is continuing discussions with MEM and the EAO wrt developing the Burnt River Coal Project formerly owned by Teck. The company is considering options that could allow production as soon as possible.

Teko Pit: Project meeting this week to start this significant crushing project.

QR: Pit spillway construction complete. Perseverance by B. McBride and E. Pittman contributed to this compliance item. Inspected last week by D. Morgan and E. Pittman.

Gibraltar: Plans to produce concentrate sample for pressure oxidation tests on hold. Still conducting public consultation on the proposed regional land fill concept.

Mt. Polley: Announce last day of production is Oct. 13/2001. Facility will be remain on care and maintenance until economic conditions improve. Public Advisory meeting scheduled for Sept. 2002. Continues as priority for inspection until shutdown (KMcl).

NEDO: Bob Lane in Japan over the next two weeks to present a paper on Coal in Western Canada with a focus on B.C. coal mines.

MSRM: Minister Hagen visited the North and Central regions last week. Most of his attention appeared to revolve around logging (beetle kill) and land use planning issues. Message was one of efficient economic development while maintaining high environmental standards. Function of IAMC's is expected to continue.

Placer: Follow up audit conducted with WLAP/MSRM/DFO. Interpretation(s) of what constitutes a stream is a good topic for future discussions. Orders will be issued for some sites. Water Management was the common issue. Most sites were in reasonable condition with minor work required to improve them. There were only two sites that were operating at the time of inspection, Steve Kocsis and Frank Nestel. Discussion was held with Murray G. and Kevin B. in regards to flood protection of Williams Creek. DFO said that they are letting the province look after the situation but feel that too

Schroeter, Tom EM:EX

TOS → RB
- Pr. Geo.

From: Lane, Bob EM:EX
Sent: Friday, November 02, 2001 9:01 AM
To: Brown, Derek EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX
Subject: FW: Lane Bi-Weekly Report to Nov. 1/01

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

From: Lane, Bob EM:EX
Sent: Friday, November 02, 2001 9:00 AM
To: Cathro, Mike; Houle, Jacques; Terry, David; Wojdak, Paul
Subject: Lane Bi-Weekly Report to Nov. 1/01

Northeast-Central Region

Property Visits and Exploration Updates

Mount Polley. Visited October 23 with Brian McGrath. Imperial Metals ceased mining operations at its Mount Polley open pit copper-gold mine on October 13. Complete production data for 2001 are not yet available. Reserves in the Cariboo pit were exhausted in October, but reserves remain in the Bell pit. Springer pit has not yet been mined. Current reserve data is not available, but as of April 30, 2001, probable reserves (calculated using a copper price of US\$1/pound and a gold price of US\$300/ounce) totaled 30.2 Mt grading 0.36% Cu and 0.37 g/t Au at a stripping ratio of 1.96:1. During the year the company conducted a very aggressive exploration program that was successful in outlining a new zone called the Springer North Extension. In addition, exploration drilling was completed on the southern margin of the Cariboo pit, on the Southeast zone (discovered in 2000), and in the Bell and Springer pit areas. An 80,000 tonne bulk sample of oxide material from the Springer pit was evaluated for its metallurgy and milling characteristics. There are currently about 25 workers on site; by the end of the month the number of workers will be reduced to about 12.

Cariboo Gold Quartz (Bonanza Ledge and Wells Trend). Visited October 24 with Ken MacDonald and Brian McGrath. International Wayside Gold Mines. To date, 20 diamond drill holes have been completed on the Bonanza Ledge zone and 3 have been drilled on the Wells Trend (a possible extension of Bonanza Ledge zone to the northwest). Hole BC01-11 intersected a zone of 'replacement-style' mineralization in the footwall of the Bonanza Ledge zone that averaged 0.224 o/t Au over 6.7 metres. Holes BC01-12 and -13 intersected the BC vein and 'Bonanza Ledge-style' mineralization extending the known limits of the zone a further 120 metres grid east. On the Wells Trend, a prospective strike vein was intersected and further prospecting located of old surface workings (pits) dug on strike veins.

Mosquito Creek Gold. Island Mountain Gold Mines completed seven diamond drill holes during the year and focused most of its work near the Kutney zone where prospecting identified a promising zone near old workings. Further work, including IP is being contemplated.

Grouse Creek regional program. Golden Cariboo Resources embarked on a regional program centered on Grouse Creek located some 6-8 km along strike to the southeast from the Bonanza Ledge zone. The program consisted mostly of prospecting, mapping and sampling. It was successful in locating stratigraphy and alteration similar to that seen in the vicinity of Bonanza Ledge. No assay results have been made available.

Swannell. Cross Lake Minerals Ltd. completed 3 drill holes totaling 401 metres on their Swannell lead-zinc-silver property located 100 km N-NW of Germansen Ldg. The holes intersected narrow (1-4.5 metre) intervals of sphalerite-galena-pyrite within silicified Cambrian dolostone. Assays ranged from 4.5% to 10.8% combined Pb-Zn with up to 28.2 g/t Ag. The company completed a soil survey over parts of the Swannell and adjoining Pb-Zn-Ag Ingenika property which lies immediately to the north. Several multi-element anomalies were identified. Additional follow-up work is being considered for next field season.

End Lake. Cross Lake Minerals Ltd. also drilled 2 holes totaling 146 metres on their End Lake carbonate-hosted Pb-Zn-Ag property located 48 km N-NW of Germansen Ldg. Drilling took place near two old adits that were driven to access altered Cambrian limestone hosting sphalerite-galena-pyrite mineralization. Low assay results will result in a thorough review of the property before any further work is conducted.

Proeter, Tom EM:EX

*WOS - Proj. Mgr
- Pr. Ges.*

From: Beswick, Ed EM:EX
Sent: Friday, December 14, 2001 6:10 PM
To: Adams, Rick; Anderson, Duane; Beckett, Carla EM:EX; Bergen, Wally; Brown, Derek; Cheetham, Pat; Conte, Rick; Curtis, Ross; Errington, John; German, Gerald; Guthrie, Shelley; Hall, Ted; Hermann, Fred; Jorgensen, Sharon; Kennedy, Wesley; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; Murphy, Maureen EM:EX; O'Rourke, Patrick; Phelan, Bill; Rennie, Loma; Ringstad, Norm; Schmitt, Rolf; Schroeter, Tom; Smyth, Ron; Stewart, Linda; Whale, Andrew; White, Don; 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 December 14/01

Issues:

Pine Valley Coal: Ongoing mediation regarding compensation for blast damage from the second blast Feb. 2001. Contractor (North American) expecting to mobilize first week in January for next season's mining campaign. Exploration program wrapped up for the year. Regional permit review complete and draft permit sent to Reclamation Section for final touches. Lack of follow up by company on permit conditions for ARD may hold up issuance of the permit. PVC anxious to obtain permit to satisfy investors/partners and to assure the contractor work is permitted. ("Due Diligence Issue?")

FYI:

Wolverine Coal Project: Screening of application to the Environmental Assessment Office for a project approval certificate is underway. A two stage process is anticipated for this \$100 million capital project anticipated to have some 300 employees. The project is about 20km west to Tumbler Ridge and contemplates a 1.5 to 2 million tonne/year open pit met coal mine. Some studies are underway to determine the viability of starting up a small underground mine (market sample?) while the EA is proceeding. Detailed feasibility on Wolverine Project is expected by March 2002 with first coal production by late 2003 or early 2004.

Caribou Gold etc.
International Wayside - Cariboo Gold Project: Report baseline studies have been compiled and that they are intent on re-entering the Provincial EA process early in the new year.

Mt. Polley: Proposing research into economic leaching potential at Mt. Polley. Have requested confirmation of "Class B hazard" classification under WCB first aid requirements. 11-15 employees conducting met work, road maintenance, and office duties.

Burnt River: Western Canadian Coal announced at the Canfor - Chetwynd Public Advisory Committee meeting last week that they expect to apply in February for permits to begin mining at the Burnt River Project. Issues identified by the environmental stakeholder included; connecting road access issues related to conservation and habitat; grizzly bears; caribou and bull trout. Production (<250,000 tonnes/year) is contemplated for late 2002.

Kemess: Considering going to a left hand traffic pattern.

Geologist Visits: Mr. McGrath was the hit on December 6, for a Grade 5 class at **Sacred Heart School** in Prince George. Keeping up our commitment to community outreach, improving the public perception of mining and thus public acceptance of mining in British Columbia is applauded. His presentation was a highlight of the class's study of **Mining in Canada.**

Placer: Ken MacDonald completed 2001 reclamation project report. NOW tally for placer to 06/12/01 = 369 NOC's = 97 At \$ 270 gold this is a lot.

Schroeter, Tom EM:EX

VOS → RG
Pr. CEO

From: Lane, Bob EM:EX
Sent: Friday, July 11, 2003 3:37 PM
To: Cathro, Mike EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; MacDonald, Ken EM:EX; Pittman, Ed EM:EX; Lefebure, Dave EM:EX; Anderson, Duane EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; Conte, Rick EM:EX; Schroeter, Tom EM:EX; Hermann, Fred EM:EX
Subject: Weekly Report for the Northeast-Central Region, July 11, 2003

Weekly Report for the Northeast-Central Region, July 11, 2003

Exploration Update:

Brenda (Northgate Exploration Ltd. on option from Canasil Res.). A 5-hole, ~1500 metre drill program has been completed on this porphyry gold-copper prospect north of Kemess. Assay results have not yet been released.

Kemess North - Nugget (Northgate Exploration Ltd.). Two drills are currently turning on the Kemess North Au-Cu prospect, 6 km north of the company's open pit mine. The Kemess Centre target has also been drilled, but focus is on the little-tested area between KN and Nugget that could expand the KN deposit much further to the west.

Kemess South (Northgate Exploration Ltd.). A pair of vertical holes were drilled from the floor of the pit to evaluate an area well below previous depths of drilling.

Pine (Stealth Mining Ltd.). Company is progressing with a >\$1 million exploration program on its vast property that straddles the Finlay River north of Kemess mine. Drilling is currently underway (on hole 3) on the East Au-Cu skarn zone of the VIP prospect located north of the Finlay. Trenching and some reclamation has been completed on the Wrich Hill epithermal Au prospect south of the Finlay. Two 2-man fly camps are prospecting remote areas of the claim group.

Shasta (Sable Resources Ltd.). Company has drilled a fence of holes on the Creek zone and another 2-3 holes immediately west of the JM zone with the hope of outlining high-grade gold-silver mineralization that can be processed this year! High expectations for sure, but possible given the history of discovery of high-grade veins segments on the property.

Gibraltar (Gibraltar Mines Ltd./Taseko Mines Ltd.). Drilling is underway on this porphyry copper-moly mine, currently on 'stand-by', near McLeese Lake. Focus is on an area near the GM zone.

Mount Polley (Imperial Metals Corp.). Contractors are establishing a grid over a section of the property and will begin a gravity survey when it is complete. It is hoped that the gravity survey will identify areas of dense magnetite-breccia that typically contain the highest grades of copper-gold mineralization identified on the property.

Spanish Mountain (Wildrose Resources Ltd./Skygold Ventures Ltd.). Operator (Wildrose) has discovered a new high grade gold vein 1.3 km south of the year-2000 bulk sampling program (conducted by Imperial Metals). The 0.3-metre wide quartz vein occurs within cherty (silicified?) sedimentary rock package. A chip sample across the vein assayed 156.7 g/t Au and a 2-metre chip sample of the silicified host rock assayed 3.1 g/t Au. A 15 line-km grid has been completed, with soil geochem and IP surveys nearing completion.

Schroeter, Tom EM:EX

Handwritten: JOR → Reg. Mgr
- Pr. Gen.

From: Beswick, Ed EM:EX
Sent: Friday, December 14, 2001 6:10 PM
To: Adams, Rick; Anderson, Duane; Beckett, Carla EM:EX; Bergen, Wally; Brown, Derek; Cheetham, Pat; Conte, Rick; Curtis, Ross; Errington, John; German, Gerald; Guthrie, Shelley; Hall, Ted; Hermann, Fred; Jorgensen, Sharon; Kennedy, Wesley; Lefebure, Dave; Lieutard, Denis; McArthur, Gib; McLaren, Graeme; Murphy, Maureen EM:EX; O'Rourke, Patrick; Phelan, Bill; Rennie, Lorna; Ringstad, Norm; Schmitt, Rolf; Schroeter, Tom; Smyth, Ron; Stewart, Linda; Whale, Andrew; White, Don; Lane, Bob; MacDonald, Ken; McBride, Brian; McGrath, Brian; McIntyre, Ken; Morgan, David; Pardy, Jamie; Pittman, Ed; Pow, David; Rivers, Jan; Wick, Patricia; Wood, Nancy
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Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Friday, September 26, 2003 4:25 PM
To: Cathro, Mike EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; MacDonald, Ken EM:EX; Pittman, Ed EM:EX; Lefebure, Dave EM:EX; Anderson, Duane EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; Conte, Rick EM:EX; Schroeter, Tom EM:EX; Guthrie, Shelley EM:EX
Subject: Lane "Weekly" Exploration Update for Northeast-Central BC to September 26, 2003

Exploration Update for Northeast-Central BC to September 26, 2003

Kemess North. Exploration drilling has been completed for the year, but a few more holes are being drilled within the Kemess North pit design to provide information for block modeling. Pre-feasibility studies completed indicate a "minable resource" of 369 million tonnes with an average grade of 0.34 gpt Au & 0.18% Cu. The deposit as designed contains approx 4 million ounces of gold and 1400 million pounds of copper. The commissioning of Kemess North would extend the overall life of the Kemess project to 2019. Capital cost is estimated at \$126 million. Based on the pre-feasibility study, the Kemess project would produce an average of 250,000 ounces of gold per year for 16 years at a cash cost of \$150 per ounce. A full feasibility study is underway.

Pine. Stealth Minerals Ltd. has wound down its exploration camp and, with the exception of a few small grids, is finished for the year. Numerous new porphyry and high & low sulphidation vein systems were discovered with perhaps the most promising showings being the Grizzly (Sickle) epithermal vein and Pine North porphyry gold-copper.

Shasta. Approximately 1550 tons of Shasta (JM zone) vein material has been processed by Sable Resources at their Baker mill. Additional exploration drilling at Shasta is planned for this season.

Al. Bishop Resources has released more drill assays from its 10-hole program at the Al property north of the Toodoggone River. Impressive assays include: 6.8m grading 23.2 gpt Au in hole A03-06. The company has announced

Manson Creek area placer (including Slate Creek). Angel Jade Mining has completed placer mining on one of its leases on the Manson River and has moved part of its floating trommel brigade to the Slate group of claims on the other side of town. Slate Creek Mining is well underway on its project of diverting Slate Creek and mining the old creek bed. Remarkably well preserved timbers uncovered during the excavation are clear evidence that previous attempts were made to mine the channel (and that some of the booty could be long gone!).

QCM. Keewatin Consultants have reportedly optioned this bulk tonnage gold prospect near Germansen Landing to a Vancouver-based junior exploration company. A \$50,000 exploration program is about to begin.

Lustdust. Alpha Gold continues to drill, but has moved north along trend to further evaluate the high grade gold potential of the Canyon Creek skarn. Late season work will include the establishment of grids further north along strike from the Canyon Creek skarn zone as well as over the Takla-Bralorne crown grants purchased by the company this summer. Additional drilling is not out of the question.

Mount Polley. Imperial Metals has reported additional encouraging trench assays on the newly discovered Northeast zone including 54 m averaging 1.03% Cu and 0.42 gpt Au in Trench 6. The zone has minimum surface dimensions of approx. 170m by 100m. Diamond drilling of the zone is well underway with six holes

Schroeter, Tom EM:EX

TGS → RG
- P.R. Bee

From: Lane, Bob EM:EX
Sent: Friday, October 03, 2003 5:20 PM
To: Cathro, Mike EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; MacDonald, Ken EM:EX; Pittman, Ed EM:EX; Lefebure, Dave EM:EX; Anderson, Duane EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; Conte, Rick EM:EX; Schroeter, Tom EM:EX; Guthrie, Shelley EM:EX
Subject: Exploration Update for Northeast-Central BC to October 3, 2003

Exploration Update for Northeast-Central BC to October 3, 2003

Mount Polley. Imperial Metals has reported excellent assay results from its first 3 holes drilled into the Northeast (or Wishbone) zone, located approx. 1.5 km from the Bell pit. Hole 1 intersected **57 m** of pervasively K-altered hydrothermal breccia that averaged **2.54% Cu & 1.15 gpt Au**. Hole 2, a -60 degree hole drilled from the same set-up as hole 1, intersected **76.5 m** grading **0.74% Cu & 0.34 gpt Au**. Hole 3, a -60 degree hole collared ~25 m north of holes 1 & 2, intersected **193.5 m** grading **1.33% Cu & 0.44 gpt Au**. Eleven holes have been drilled to date on a close-spaced pattern to allow for block modeling of the deposit. Copper grade of the new discovery is much higher than average ore grade of the Cariboo, Bell or Springer pits and gold grade is at least as high. At this early stage the zone is open in all directions. Drilling continues and clearing of the area has begun.

AI. Bishop Resources announced high-grade gold intersections from its close-spaced drilling program on the high-sulphidation Bonanza zone. Highlights include: **5.8 m** grading **27.85 gpt Au** in hole A03-07 and **13.7 m** grading **17.45 gpt Au** in hole A03-09. The company is in process of raising funds to support future exploration on the property, including a possible winter IP program.

Bonanza Ledge. International Wayside Gold Mines Ltd. has received verbal approval to proceed with its 10,000 tonne underground bulk sample on the high-grade gold Bonanza Ledge zone. Mobilization of equipment to the site will begin asap.

Also in the Wells-Barkerville Gold Belt: PG office has received NoW applications from Williams Creek Exploration Ltd. for a 5-hole drill program on its Westport property (adjacent to International Wayside's Bonanza Ledge project) and from International Wayside for a 15-hole program on the nearby Myrtle property (on option from Gold City Industries).

Peace River Coalfields. Received NoW applications for drilling programs at Perry Creek and Burnt River properties of Western Canadian Coal Corp.

Bob Lane, P.Geo.
Regional Geologist, Northeast-Central Region
Mining & Minerals Division, BC Ministry of Energy & Mines
2275A Quinn Street
Prince George, BC V2N 2X4
tel: 250-561-5606
fax: 250-561-5622

Schroeter, Tom EM:EX

From: Schroeter, Tom EM:EX
Sent: Tuesday, October 14, 2003 11:47 AM
To: Webster, Ian EM:EX
Subject: RE: Mt Polley & Tom S. in the News

TOS → Mt Polley

Thanks, Ian - any chance you have a copy of the National Post article you could send me?

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

+ Financial Post
Sat. Oct. 11/03
(John Greenwood)

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

From: Webster, Ian EM:EX
Sent: Tuesday, October 14, 2003 11:20 AM
To: Lefebure, Dave EM:EX
Cc: Schroeter, Tom EM:EX
Subject: Mt Polley & Tom S. in the News

FYI.....

Mount Polley

Stockwatch News Item

Imperial Metals Corp (2) (C-III) - In the News

NP says Imperial Metals site tests looking good

Imperial Metals Corp (2) III

Shares issued 19,711,764 Oct 10 2003 close \$ 3.13

Tuesday October 14 2003 In the News

The National Post reports in its Saturday, Oct. 11, edition that Imperial Metals latest copper and gold discovery at its Mount Polley find in the British Columbia interior is starting to turn heads. The Post's John Greenwood writes that B.C. Ministry of Energy and Mines senior regional geologist Tom Schroeder says the results from three completed drill cores "have so far been spectacular." Imperial will likely drill more than 100 holes before it decides whether to go ahead with a mine. Boulder Investment Partners analyst Dorothy Atkinson agrees with Mr. Schroeder, saying the results look "really good." Whether the optimism is justified remains to be seen, says the Post. However, the likelihood of a mine going ahead is helped by the fact the new find is only about a kilometre from two other open-pit mines owned by Imperial. What that means is that the costly infrastructure needed to build a mine is already in place. Since the first discovery at Mount Polley was made back in August, Imperial's shares have jumped to more than \$3 from 50 cents.

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Ian Webster P.Geo.

Geologist: Geosciences, Research & Development Branch
British Columbia Ministry of Energy & Mines
250-952-0433 <http://www.em.gov.bc.ca/Mining/Geolsurv>

Schroeter, Tom EM:EX

From: Lane, Bob EM:EX
Sent: Thursday, October 23, 2003 9:25 PM
To: Cathro, Mike EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; MacDonald, Ken EM:EX; Pittman, Ed EM:EX; Lefebure, Dave EM:EX; Anderson, Duane EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; Conte, Rick EM:EX; Schroeter, Tom EM:EX; Guthrie, Shelley EM:EX
Subject: Mining and Exploration Update for NE-Central BC to October 24/03

Mining:

Kemess South. The Northgate Exploration Kemess South mine produced 84,132 ounces of gold and more than 17 million pounds of copper during the third quarter of 2003. Production for the first nine months of the year are: 215,365 ounces of gold and 54,012,000 pounds of copper.

Exploration:

Mount Polley. Imperial Metals has released more excellent assay results from its 16-hole phase 1 program on the Northeast or Wishbone zone. Highlights from holes WB03-04 to WB03-08 include 212.9 m averaging 0.98% Cu & 0.32 gpt Au in hole 07 and 204.1 m averaging 1.02 % Cu & 0.40 gpt Au in hole 08. Trenching continues and a 60-hole phase 2 drilling program is expected to commence later this fall.

Lloyd 2. Immediately north and adjoining Imperial Metals ground, not far from the new Northeast zone and the promising Road showing, is the Lloyd 2 claim of Glengarry Developments. One of the principals of the company is the 'Cariboo Charmer' himself, one Lloyd Tattersall, former president and founding director of Big Valley Resources, the company that once owned & explored the Lloyd 2 zone (outlining a 'geological resource' of 2.93 million tonnes grading 0.53% Cu and 0.40 gpt Au). A late fall exploration drilling program is anticipated.

Chu. Nustar Resources Inc. is currently evaluating this molybdenum prospect located south of Vanderhoof. Core mineralized with molybdenite and pyrite, from a 1970 Rio Tinto drilling campaign, is being sampled and analyzed. Mapping, geochemical sampling and geophysics are also proceeding.

Clisbako, Laidman & Holy Cross. Bard Ventures Ltd. conducted detailed geophysical and geochemical surveys and completed bedrock mapping on the Clisbako and Laidman epithermal gold prospects, located in the Nechako Plateau, and have generated drill ready targets. Similar work is expected to proceed at Holy Cross this fall.

Bonanza Ledge. International Wayside Gold Mines Ltd. has collared the portal to access the Bonanza Ledge zone on its Cariboo Gold Quartz property and has begun to drive a 140-metre decline to access a high grade portion of the zone and extract a 10,000 tonne bulk sample that will be trucked to the Mount Polley mill for processing.

Westport. Williams Creek Exploration Ltd. has completed 2 holes of its 5-hole drill program on its Westport property (adjacent to International Wayside's Bonanza Ledge project). Program is targeting a possible SE extension to the Bonanza Ledge gold zone.

Lustdust. Alpha Gold has released encouraging assays from its 2003 drilling program on the #1 vein/breccia, #3 manto and Canyon skarn zones. An Oct. 16/03 News Release details the intersections. Each of the zones offers excellent potential and further drilling is planned.

Schroeter, Tom EM:EX

TBE → RG
- PG

From: Lane, Bob EM:EX
Sent: Friday, November 07, 2003 5:03 PM
To: Anderson, Duane EM:EX; Carter, Michael EM:EX; Cathro, Mike EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Hermann, Fred EM:EX; Lane, Bob EM:EX; Lefebure, Dave EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; McArthur, Gib EM:EX; McKillop, Greg EM:EX; Ryan, Barry EM:EX; Schroeter, Tom EM:EX; Wojdak, Paul EM:EX; Wuschke, Steven EM:EX
Subject: Lane Weekly Report for NE-Central BC to November 7, 2003

Mineral Exploration News for NE-Central BC to November 7, 2003:

Mount Polley. Imperial Metals has released more impressive assays on its completed 3221 m, 16-hole phase 1 drill program on the Northeast zone. Hole WB03-15, the furthest hole to the SE, intersected 135 m averaging 1.16% Cu & 0.35 gpt Au. The zone has a minimum strike length of 275 m in a NW direction, but its width is unknown. Plans for phase 2 are being developed.

The first hole completed on the Springer zone, drilled to test beneath the current pit design, intersected 466.3 m grading 0.49% Cu and 0.36 gpt Au. The bottom 267.5 m of the interval is below the pit design and averaged 0.61% Cu and 0.49 gpt Au. Imperial has recently raised \$10 million for exploration, the bulk of which will go toward further work at Mount Polley. With early success at both the Northeast and Springer zones, the company will likely have two drills turning on the property in the near future.

Gibraltar. Taseko Mines has begun a third phase of drilling on the mine site east of the Pollyanna pit. The focus of the exploration program is the 98 Oxide zone, where the company is intent on developing sufficient tonnage to support the resumption of its SX-EW plant.

Cariboo (Most Likely), Cantin Creek and QR. Cross Lake Minerals and JV partner Gold Giant Minerals have initiated a 6-hole diamond drilling program on the Cariboo epithermal gold property located immediately east of the QR mine. Two holes are planned for the Cantin Creek epithermal gold prospect and a series of holes will be drilled at QR to further evaluate near surface skarn/propylite mineralization.

Nina. Dave Haywood and Gary Lee have mobbed into their Nina VMS property north of Germansen Landing to investigate (drill and blast) a coincident VLF-mag-Cu anomaly.

Star. Minterra Resource Corp. has optioned the Star property, centred 13 km NE of Aiken Lake in the Lay Range, from Ursala Mowat. The company is proceeding with an 8 line-km IP survey asap that will assist in the identification of drill targets. Mineralization consists PGE-bearing cpy and po within olivine clinopyroxenites and pyroxenites of the Polaris Ultramafic Complex.

3Ts. Southern Rio Resources is energized to initiate an approx. 20 hole diamond drilling program focused on establishing a resource for the Ted vein.

Laidman and Holy Cross. Bard Ventures is proceeding with small 3D Inversion IP surveys on the Laidman and Holy Cross epithermal gold prospects, located in the Nechako Plateau.

Bonanza Ledge. International Wayside Gold Mines Ltd. was forced to temporarily abandon development of its decline (by DFO order) and focus entirely on sediment & erosion control issues with respect to its upgrading of the Scouts Gulch road, the proposed haul route for the Bonanza Ledge bulk sample. Shut down resulted in the loss of 4-5 days of underground development.

Nuggett/Cunningham Creek. Consolidated Pacific Bay Minerals completed a trenching and sampling program on its Cunningham Creek area property in search for high grade gold veins and replacement zones.

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

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. *Northwest zone*

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, February 20, 2004 11:54 AM
To: Anderson, Duane EM:EX; Carter, Michael EM:EX; Cathro, Mike EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Hermann, Fred EM:EX; Lane, Bob EM:EX; Lefebure, Dave EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; McArthur, Gib EM:EX; McKillop, Greg EM:EX; Ryan, Barry EM:EX; Schroeter, Tom EM:EX; Wojdak, Paul EM:EX; Wuschke, Steven EM:EX
Subject: Lane Weekly Report to February 20, 2004

Mineral Exploration News for NE-Central BC to February 20, 2004:

2004 Exploration Spending in the region is expected to be in the range of \$30 million. There will be at least nine projects with expenditures greater than \$1 million.

Mount Polley. Visited Feb.12/04. Bell pit: 12 holes have been drilled to test the eastern margin of the deposit at depth. No assays reported, but some encouraging numbers are expected that may lead to modest pit redesign. Unmineralized, post-mineral diorite cuts off mineralization to the west. North of Bell is still basically untested, but will likely get a closer look later in the year. Springer zone: one 670m hole completed on section and 50m west of hole SD03-02 (487.5m @ 0.31% Cu & 0.26 g/t Au). A 2nd hole has been collared and many more holes are planned. Wishbone zone: two drills operating with 14 holes completed so far in 2004-all within previously defined dimensions of the zone. A 30 line-km IP survey has been completed over the zone and a major trenching program is about to begin. Misc. notes: Approx. 3 million tonnes of low grade stockpile remain from 2001: 2.7 million tonnes grading 0.22% Cu & 0.31 g/t Au and 0.29 million tonnes @ 0.29% Cu & 0.42 g/t Au; three haul trucks that were on loan to Huckleberry have returned to Mount Polley.

Bonanza Ledge. Visited Feb.13/04. Underground development proceeding, but well behind schedule; poor ground conditions have caused revision of original mine plan; development of three 20-ft wide stopes is progressing; sampling of three cross-cuts indicate that the mineralization is typically higher grade toward the hanging wall-because of a higher percentage of PY (and/or higher percentage of fine-gr PY versus porphyroblastic PY); isoclinally folded, sheared and faulted graphitic pelite forms the immediate footwall of the Bonanza Ledge zone; shear/fault zones occur at FW and HW contact with the ore zone and can include a high percentage of mineralized clasts that result in multi-ounce gold grades, particularly in the HW (i.e. 6.3 feet grading 112 g/t Au in hole 9); 14 inclined holes have been drilled across the zone from the underground workings-the best intersection came in hole UG-BL04-04 that intersected 11.9 metres averaging 31.9 g/t Au; approx 1100 tonnes of ore is stockpiled at surface; hauling of ore to Mount Polley is expected to begin asap.

Myrtle. A total of 11 holes drilled since late 2003 with two more planned for a total of 13. No results have been released.

3Ts. Two drills are currently turning on the 3Ts property. Deep bore holes have tested the Larry and Tommy veins beneath the sill, 4-5 holes have evaluated the Johnny vein, and 6-7 holes have been drilled in the vicinity of the Ringer zone. A resource calculation for a 350 metre strike length of the Ted vein will be released later in the spring along with drill assays.

Trend. NEMI has raised \$3.3 million to advance its Trend metallurgical coal property south of the closed Quintette mine. Funds will be used to complete a full feasibility study by early 2005. The company envisages a 1.5 million tonne per year operation that may be expanded to 3 million tonnes per year. Field work this year is expected to include infill drilling, coring of seams, environmental baseline studies and impact assessment programs.

Schroeter, Tom EM:EX

TOS → RG
Pr. Ge

From: Lane, Bob EM:EX
Sent: Friday, March 26, 2004 3:03 PM
To: Anderson, Duane EM:EX; Carter, Michael EM:EX; Cathro, Mike EM:EX; Errington, John EM:EX; Grant, Brian EM:EX; Hermann, Fred EM:EX; Lane, Bob EM:EX; Lefebure, Dave EM:EX; Lewis, Jim E EM:EX; Marshall, James EM:EX; McArthur, Gib EM:EX; McKillop, Greg EM:EX; Ryan, Barry EM:EX; Schroeter, Tom EM:EX; Wojdak, Paul EM:EX; Wuschke, Steven EM:EX
Subject: Lane weekly Report to March 26, 2004

Mineral Exploration News for NE-Central BC to March 26, 2004:

Gibraltar. Taseko Mines Ltd. has announced that it is on track to re-start operations at its 35,000 tpd Gibraltar copper-molybdenum, located near Williams Lake, this summer and begin shipping concentrate by October. The mine will employ about 290 workers.

QR. Cross Lake Minerals is set to resume diamond drilling at QR (currently on option from Kinross Gold Mines). A 3000-metre phase 1 program will target the North and Midwest zones.

Mount Polley. Imperial Metals has presented information to the Cariboo Mine Development Review Committee relating to planned activities and the anticipated submission of a request to amend its mine permit (which may occur in the summer). The company has completed a significant amount of drilling on the margins of, and at depth on, the Bell pit. A revised resource for the partly mined deposit is anticipated. More than 50 holes have been drilled at the Wishbone (northeast) zone since discovery in August, 2003. Two drills will continue to evaluate the zone and nearby area throughout the year; a third drill will focus on the unmined Springer pit. 16,000m

Bonanza Ledge. International Wayside Gold Mines has mined the first of three stopes; development of the second stope is progressing. More than 3000 tonnes of ore have been trucked to the Mount Polley mill site, however the company is investigating the possibility of having its ore processed at QR (where dore can be produced).

3Ts. Southern Rio Resources reported its highest grade and widest drill intersection to date on the Tommy vein below the microdiorite sill. The bore hole intersected 11.31 metres of vein grading 9.87 grams/tonne gold equivalent that greatly expands the sub-sill potential of the Tommy vein. A resource calculation for a 350 metre strike length of the Ted vein is in progress.

Other News:

Multisensor, airborne geophysical data (magnetic & radiometric) for the **Toodoggone** and **Horsefly** areas, and for the Imperial Metals' **Mount Polley** mine area, was released Friday, March 26.

Printing of *Exploration and Mining in British Columbia - 2003* is complete. The volume will be available for distribution at KEG, etc.

Bob Lane

Regional Geologist
Mining Operations Branch, Northeast-Central Region

2275A Quinn Street
Prince George, BC V2K 4H9
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→ Mt. Polley

Schroeter, Tom EMPR:EX

From: CCNMatthews [CCNMatthews.Release@ccnmatthews.com]
Sent: Fri, March 2, 2007 9:08 AM
To: Schroeter, Tom EMPR:EX
Subject: Imperial Reports 2006 Production and Updated Mount Polley Reserve



PRESS RELEASE



**Imperial
Metals**

Imperial Metals Corporation

TSX: III [Stock Quote](#) [Stock Chart](#)
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March 2, 2007

Imperial Reports 2006 Production and Updated Mount Polley Reserve

VANCOUVER, BRITISH COLUMBIA--(CCNMatthews - March 2, 2007) - Imperial Metals Corporation (TSX:III) reports that despite severe winter conditions, its overall equity share of production from the wholly owned Mount Polley and 50% owned Huckleberry mines increased year over year to 90.9 million pounds copper, 42,800 ounces gold, 546,000 ounces silver and 153,000 pounds molybdenum in 2006 compared to 67 million pounds copper, 35,000 ounces gold, 367,000 ounces silver and 270,000 pounds molybdenum in 2005.

Imperial's estimated equity share of 2007 planned production from its two operating mines, both located in British Columbia, is 98.0 million pounds copper, 58,800 ounces gold, 596,000 ounces silver and 210,000 pounds molybdenum.

The Company's audited financial statements for the year ended December 31, 2006 will be released prior to March 31, 2007.

MOUNT POLLEY MINE

Production Statistics

	Three Months Ended December 31, 2006	Year Ended December 31, 2006	(i) Year Ended December 31, 2005
Ore milled (tonnes)	1,283,912	6,235,221	4,814,083
Ore milled per calendar day (tonnes)	13,956	17,083	16,209
Grade % - Copper	0.573	0.474	0.391
Grade g/t - Gold	0.300	0.265	0.295
Recovery % - Copper	87.31	85.31	73.1
Recovery % - Gold	78.10	71.89	67.1
Copper produced (lbs)	14,160,756	55,548,194	30,328,771
Gold produced (oz)	9,676	38,164	30,635
Silver produced (oz)	104,981	422,568	234,355

(i) March 8-December 31, 2005

Snowfall at Mount Polley to the end of December was significantly above normal causing excessive plugging and bridging of feeders at the crushing plant. This resulted in lower milling rates in the fourth quarter. Mill throughput for 2006 was 6.235 million tonnes, 89% of the targeted 7.0 million tonnes.

Head grades delivered to the mill and metal recoveries continued to climb which helped offset production lost due to lower mill throughput. Copper recovery of 87.31% and gold recovery of 78.1% for the fourth quarter were both record highs for Mount Polley. Winter conditions also impacted January 2007 production but the targeted metal production was achieved in February as weather conditions improved.

Planned production for 2007 is 68.0 million pounds copper, 55,000 ounces gold and 445,000 ounces silver.

Reserves and Resources

The reserve and resource estimate for Mount Polley has been updated as of January 1, 2007. The current estimate incorporates open pit mining of the Southeast Zone, C2 Zone (a southern extension of the Cariboo pit) and the Springer Zone, in addition to the current Wight and Bell pits, and reflects twelve months of mine production since the January 1, 2006 estimate.

Total Mount Polley reserves have increased to 59.9 million tonnes of 0.36% copper, 0.27 g/t gold and 0.73 g/t silver. This is an increase of 18.9 million tonnes (46.1%) over the January 1, 2006 reserve estimate. The reserve increase has extended the planned mine life by three and a half years to May 2015.

Both categories of mineral resources outside the pits have decreased as definition drilling and revised pit designs moved material from the resource categories to reserves. Note that the material classified as mineral resources do not have a demonstrated economic viability.

Proven and Probable Reserves - Mount Polley Mine

Zone/Pit	Grade					Contained Metal		
	Tonnes Ore	Copper Equiv (i) %	Copper %	Gold g/t	Silver g/t	Copper (lb) 000,000's	Gold (oz) 000's	Silver (oz) 000's
Wight Pit	4,310,000	1.07	0.829	0.268	5.929	78.88	37.18	822.51
Bell Pit	3,730,000	0.55	0.292	0.325	0.325	23.98	38.98	38.98
South East Pit	2,400,000	0.66	0.267	0.498	0.459	14.16	38.47	35.46
Springer Pit	45,320,000	0.56	0.336	0.276	0.349	335.84	402.80	508.34
C2 Pit	4,110,000	0.56	0.258	0.378	0.378	23.37	49.93	49.93
Total	59,870,000	0.58	0.361	0.269	0.730	476.22	517.43	1,405.28

(i) refer to Table 1 for copper equivalent formulas

Reserve Calculation Parameters

The parameters used in this updated resource are based on updated pit designs and the current Mount Polley production schedule. The ultimate pit designs were based on US\$1.75 copper, US\$550.00 gold, \$10.00 silver and \$1.25US/Can exchange rate.

The economic mineral reserves and resources at Mount Polley mine were calculated as follows:

- A 3D block model was constructed using Minesight Mining Software.
- The property was zoned based on geological zones, the blocks and drill holes were then coded to reflect the zones.
- The drill holes were composited to 5 metre down the hole composites.
- Mineralized zones were identified within the geological zones, by kriging an indicator to identify the blocks that have a high probability of having greater than a 0.15 copper grade.

- The drill hole composites were then coded to match the indicator codes in the block model.
- Outlier grades were capped, and variograms for Cu, Au, Ag and Fe in each zone were generated.
- Grades were kriged into the block model, using zone and indicator matching.
- An oxide ratio number for each block was interpolated using an ID3 method, with zone and indicator matching. The oxide ratio number is used in the mill recovery formula.
- The mill recoverable grades were calculated using formulas based on historic recoveries as well as on and off site metallurgical test work.
- A dollar value was calculated for each block based on the metals prices, US/Can Exchange Rate, and mining, shipping and smelting costs.
- Lerchs-Grossman pit optimization software was used to identify economic pit shell based on the above economic parameters. Pit designs were created using the economic pit shells and design parameters from Golder Geotechnical Consultants of Vancouver.

Resource by Zone in addition to Pit Reserves - Mount Polley Mine (based on 0.3% Equivalent Copper cut-off)

Zone	Grade					Contained Metal		
	Tonnes Ore	Copper Equiv (i) %	Copper %	Gold g/t	Silver g/t	Copper (lb) 000,000's	Gold (oz) 000's	Silver (oz) 000's
Northeast								
Measured	16,790,000	0.773	0.600	0.196	4.23	222.19	105.82	2,283.14
Indicated	2,070,000	0.730	0.521	0.253	3.85	23.73	16.80	255.40
Inferred	2,270,000	0.595	0.433	0.204	2.39	21.65	14.88	174.01
Boundary								
Measured	1,790,000	0.74	0.443	0.388	3.280	17.52	22.39	189.26
Indicated	620,000	0.47	0.365	0.127	1.616	5.01	2.55	32.40
Inferred	890,000	0.64	0.446	0.247	2.089	8.73	7.06	59.67
Bell								
Measured	9,560,000	0.42	0.233	0.238	n/s(i)	49.12	73.17	n/s(i)
Indicated	980,000	0.38	0.227	0.190	n/s(i)	4.89	5.96	n/s(i)
Inferred	830,000	0.37	0.236	0.174	n/s(i)	4.31	4.63	n/s(i)
Springer								
Measured	8,980,000	0.64	0.392	0.312	n/s(i)	77.60	90.07	n/s(i)
Indicated	7,780,000	0.56	0.328	0.292	n/s(i)	56.27	73.06	n/s(i)
Inferred	18,120,000	0.53	0.279	0.321	n/s(i)	111.46	187.01	n/s(i)
C2								
Measured	4,820,000	0.50	0.229	0.349	n/s(i)	24.31	54.03	n/s(i)
Indicated	3,610,000	0.49	0.229	0.335	n/s(i)	18.23	38.89	n/s(i)
Inferred	n/s(i)	n/s(i)	n/s(i)	n/s(i)	n/s(i)	n/s(i)	n/s(i)	n/s(i)
Southeast								
Measured	12,660,000	0.55	0.221	0.460	1.182	61.67	187.20	481.01
Indicated	3,910,000	0.45	0.195	0.351	1.039	16.83	44.17	130.75
Inferred	230,000	0.41	0.184	0.313	0.842	0.95	2.36	6.36
Total Resource								
Measured/ Indi- cated	73,570,000	0.59	0.356	0.302	1.426	577.38	714.10	3,371.96
Inferred	22,340,000	0.54	0.299	0.301	0.334	147.10	215.95	240.03

n/s(i) silver resource values only significant in the Northeast, Boundary

and Southeast Zones

(i) refer to Table 1 for formulas

TABLE 1 - Copper Equivalent Calculation by Zone
Resource Values Based on 0.3 Copper Equivalent Cut-Off

Northeast Zone(1)	EqCu% equals Copper + Gold / 1.44 + Silver / 116
Bell Zone	EqCu% equals Copper + Gold / 1.27
Springer Zone	EqCu% equals Copper + Gold / 1.27
C2 Zone	EqCu% equals Copper + Gold / 1.27
Southeast Zone	EqCu% equals Copper + Gold / 1.44 + Silver / 116

(1) Northeast Zone contains the Wight Pit

Resource Calculation Parameters

Resource values were identified by summing all blocks that fall outside of the economic pit and having a block grade greater than 0.30 copper equivalent. The copper equivalent was calculated using relative recovery and metal price for copper, gold and silver. The resources were classified as inferred, indicated and measured based on the following three items; minimum number of drill holes used in the estimate, minimum number of composites, and the maximum distance to the nearest composite.

Resource Classification

	Minimum # Drill Holes Used for Estimate	Minimum # Composites	Max Distance to Nearest Composite
Inferred	1	3	60m
Indicated	2	3	50m
Measured	3	5	25m

The ore reserves and resources were calculated and verified by Greg Gillstrom, P. Eng., Geological Engineer, the designated Qualified Person as defined by National Instrument 43-101, and Art Frye, Manager of Mining, Mount Polley Mining Corporation.

Mount Polley Exploration Update

Exploration continued in 2006 with a total of 26,240 metres of drilling completed in 123 holes. The majority of drilling occurred in the C2 Zone. Exploration focused on definition and perimeter drilling in the known deposits to convert resources to reserves. That focus will continue throughout the 2007 season, although some effort will be dedicated to outward looking exploratory holes in 2007. A minimum of 40,000 metres of drilling is planned for 2007.

Most prominent in the exploration program was the discovery of high grade mineralization in an extension of the C2 Zone to the west of the crusher facility. Intercepts included 20.0 metres grading 1.34% copper and 1.95 g/t gold starting at a depth of 27.5 metres in hole C206-60. Hole C206-62 stepped out 120 metres further south and intercepted 108.7 metres grading 0.53% copper and 1.42 g/t gold, including a smaller 30.0 metre interval of 1.03% copper and 3.01 g/t gold. This zone now has a reserve of 4.11 million tonnes and is open to expansion to the south and at depth.

The Boundary Zone was actively explored during the early summer of 2006, intersecting high grade intervals of mineralized magnetite breccia. Drilling was halted to facilitate timber clearing in the area to allow more thorough exploration in 2007. Drill hole ND06-26 intersected 25.5 metres grading 0.83% copper, 0.60 g/t gold and 6.5 g/t silver. This hole is a 150 metre step to the southeast from previously reported ND06-06 which intersected 34.8 metres grading 0.98% copper, 1.12 g/t gold and 6.49 g/t silver.

Zones targeted for exploration in 2007 include Springer, Boundary, Northeast, C2, Southeast, Pond, Area 9, and Northern Block. Work on these areas will primarily include drilling and trenching.

The porphyry and breccia related deposits at Mount Polley are irregular in shape and true thicknesses have not been estimated. Patrick McAndless, P. Geo. is the Qualified Person as defined by National Instrument 43-101 for the exploration program. Samples for the current diamond drilling program were analyzed at the Mount Polley Mine laboratory. A full QA/QC program using blanks, standards and duplicates was maintained for all samples submitted to the lab.

A 2007 exploration zone map and a complete table of the drill results are available on Imperial's website at www.imperialmetals.com.

HUCKLEBERRY MINE

Production Statistics

	Three Months Ended December 31, 2006	Year Ended December 31, 2006	Year Ended December 31, 2005
Ore milled (tonnes)	1,514,200	6,646,200	6,951,000
Ore milled per calendar day (tonnes)	16,824	18,209	19,044
Ore milled per operating day (tonnes)	19,731	19,732	20,790
Grade (%) - Copper	0.567	0.556	0.552
Grade (%) - Molybdenum	0.016	0.015	0.014
Recovery (%) - Copper	87.37	86.9	87.40
Recovery (%) - Molybdenum	11.85	26.8	24.80
Copper produced (lbs)	16,549,000	70,838,000	73,897,000
Molybdenum produced (lbs)	64,140	306,250	539,949

note: production statistics stated 100% - Imperial owns 50%

The Huckleberry mine repaid C\$120.9 million of long term debt during 2006 and is now debt free. Stripping work is underway at Huckleberry in preparation for mining of the Main Zone Extension.

Planned production for 2007 is 60.0 million pounds copper, 7,700 ounces gold, 302,000 ounces silver and 420,000 pounds molybdenum.

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INDUSTRY: Manufacturing and Production - Mining and Metals

→ Mount Polley

Schroeter, Tom EMPR:EX

From: CCNMatthews [CCNMatthews.Release@ccnmatthews.com]
Sent: Monday, May 14, 2007 11:03 AM
To: Schroeter, Tom EMPR:EX
Subject: Imperial Update on Mount Polley Exploration



PRESS RELEASE



Imperial Metals

Imperial Metals Corporation

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May 14, 2007

Imperial Update on Mount Polley Exploration

VANCOUVER, BRITISH COLUMBIA--(CCNMatthews - May 14, 2007) - Imperial Metals Corporation (TSX:III) reports the discovery of new mineralization within existing pit boundaries and at depth below the presently defined pit in the Springer Zone.

Significant intervals in the Springer Zone include hole SD07-20 which intersected 454.2 metres grading 0.44% copper and 0.30 g/t gold, and SD07-27 which intersected a near-surface gold-rich zone of 42.5 metres grading 0.09% copper and 0.38 g/t gold, beginning 22.5 metres downhole. Hole SD07-27 expands the Springer mineralization to the south of its previously known extent. Hole SD07-48 was drilled to follow up on SD07-27 and intercepted 80.0 metres grading 0.81% copper and 0.91 g/t gold. The high grade mineralization in SD07-48 was in an area previously undrilled and ended beneath the Cariboo pit.

 Springer Zone

Drill Hole #	Total Length (m)	Interval from (m)	Interval to (m)	Interval Length (m)	Copper %	Gold g/t
SD07-20	639.2	185.0	639.2	454.2	0.44	0.30
including		297.5	345.0	47.5	1.13	0.43
SD07-21	579.1	292.5	579.1	286.6	0.38	0.39
SD07-22	459.3	350.0	459.3	109.3	0.43	0.31
SD07-24	258.2	6.7	125.0	118.3	0.36	0.15
SD07-27	322.2	22.5	65.0	42.5	0.09	0.38
SD07-48	628.2	472.5	552.5	80.0	0.81	0.91

Pond Zone hole PZ07-06 tested the vertical extent of mineralization discovered in 2005, returning 145.9 metres grading 0.52% copper, 0.31 g/t gold and 7.54 ppm silver starting at 9.1 metres downhole. This intercept has proven the grade and size potential, and raised the priority of the Pond Zone for more intensive drilling in 2007.

 Pond

Zone	Total	Interval	Interval	Interval	Copper	Gold	Silver
Drill	Length	from	to	Length			
Hole #	(m)	(m)	(m)	(m)	%	g/t	ppm
PZ07-05	172.2	72.5	97.5	25.0	0.56	0.17	7.17
PZ07-06	267.3	9.1	155.0	145.9	0.52	0.31	7.54

Drilling in the Southeast Zone was conducted to confirm mineralization around the perimeter of the planned pit, which will begin delivering ore to the mill this summer. Holes SE07-63 to SE07-66 were drilled along the western side of the proposed pit. The strongest intersection in this area was 94.3 metres grading 0.22% copper and 0.42 g/t gold in SE07-63. Just beyond the eastern limit of the proposed pit, SE07-69 returned 50.0 metres grading 0.25% copper and 0.33 g/t gold.

Southeast

Zone	Total	Interval	Interval	Interval	Copper	Gold
Drill	Length (m)	from (m)	to (m)	Length (m)	%	g/t
Hole #						
SE07-63	175.3	8.2	102.5	94.3	0.22	0.42
SE07-65	191.1	31.5	72.5	41.0	0.11	0.53
SE07-66	118.0	15.0	62.5	47.5	0.29	0.66
SE07-69	166.7	30.0	80.0	50.0	0.25	0.33

Several holes were also drilled in the Boundary Zone, and north of the Wight Pit. Hole ND07-30 intersected 34.2 metres grading 0.37% copper, 0.70 g/t gold and 2.0 ppm silver.

Boundary	Total	Interval	Interval	Interval	Copper	Gold	Silver
Drill	Length	from	to	Length			
Hole #	(m)	(m)	(m)	(m)	%	g/t	ppm
ND07-30	353.3	92.5	126.7	34.2	0.37	0.70	2.00

The exploration program at Mount Polley will continue throughout the year. Three drill rigs are on-site, all currently operating in the Springer Zone. New targets are being generated through the use of a proton ground magnetometer, trenching and field mapping. As the snow melts better access to the outlying areas of the property will allow testing of these targets.

Patrick McAndless, P.Geo. is the Qualified Person as defined by National Instrument 43-101 for the exploration program. Samples for the current diamond drilling program were analyzed at the Mount Polley Mine laboratory and Acme Analytical Laboratories in Vancouver. A full QA/QC program using blanks, standards and duplicates was maintained for all samples submitted to the lab. The porphyry and breccia related deposits at Mount Polley are irregular in shape and true thicknesses have not been estimated.

A drill plan map and drill assay table will be available on Imperial's website at www.imperialmetals.com.

The Mount Polley open pit copper/gold mine, wholly owned by Imperial, is located 56 kilometres northeast of Williams Lake, BC.

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→ Mount Polley
 → Huckleberry
 → Red Chris



PRESS RELEASE



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Imperial Metals Corporation

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May 14, 2007

Imperial Reports Results for the First Quarter 2007

VANCOUVER, BRITISH COLUMBIA--(CCNMatthews - May 14, 2007) - Imperial Metals Corporation (TSX:III) reports comparative financial results for the three months ended March 31, 2007 and March 31, 2006 are summarized below and discussed in detail in the Management's Discussion and Analysis.

	Three Months Ended	
	March 31, 2007	March 31, 2006
(unaudited) in thousands except per share amounts	(000's)	(000's)
Revenues	\$54,246	\$27,315
Operating Income	\$13,733	\$ 6,557
Net (Loss) Income	\$(1,922)	\$ 660
Adjusted Net Income (1)	\$10,708	\$ 2,762
Adjusted Net Income Per Share (1)	\$ 0.35	\$ 0.10
Cash Flow (1)	\$22,056	\$ 1,976
Cash Flow Per Share (1)	\$ 0.72	\$ 0.07

(1) Adjusted Net Income, Adjusted Net Income Per Share, Cash flow and Cash Flow Per Share are measures used by the Company to evaluate its performance; however, they are not terms recognized under generally accepted accounting principles. Adjusted Net Income is defined as net income excluding the revaluation of hedges settling in future periods. Cash Flow is defined as cash flow from operations before net change in working capital balances. Adjusted Net Income and Cash Flow Per Share are the same measures divided by the weighted average number of common shares outstanding during the period.

Effective January 1, 2007 Imperial regained joint control of Huckleberry and in accordance with generally accepted accounting principles

will account for Huckleberry on the proportionate consolidation basis commencing January 1, 2007. Revenues from 50% owned Huckleberry are comparable to those at Mount Polley. Consequently this change in accounting will increase income statement line items by approximately 50%. This estimate is based on equal shipments of concentrate per quarter, however actual results will vary by mine due to shipping schedules.

Revenues were \$54.2 million in the March 2007 quarter compared to \$27.3 million in the 2006 quarter. Shipments of concentrate in both the 2007 quarter and the 2006 March quarters were below normal quarterly average shipment levels due to timing and availability of ocean and rail transportation. Variations in quarterly revenue attributed to the timing of concentrate shipments can be expected in the normal course of business with either production exceeding shipments, as was the case in the first quarter of 2007, or vice versa. It is expected that shipments for the second quarter of 2007 will be in excess of normal quarterly average shipment levels.

Operating income for the three months ended March 31, 2007 increased to \$13.7 million from \$6.6 million in the March 2006 quarter. In 2006 the Company recorded equity income from the Huckleberry mine of \$4.0 million. Due to the change in accounting policy there is no comparable item in 2007.

The loss on derivative instruments was \$15.9 million in the quarter compared to a loss of \$11.0 million in comparable the 2006 quarter. This loss is related to hedges on 70.5 million pounds of copper settling outside the March 2007 quarter. An additional 23.8 million pounds of copper was hedged from April 1 to May 10, 2007 covering periods to December 2009.

Net loss in the quarter, including unrealized losses on derivative instruments was \$1.9 million compared to a net income of \$0.7 million in the 2006 quarter.

Adjusted net income in the quarter was \$10.7 million or \$0.35 per share. Adjusted net income is calculated by removing the losses, net of related income taxes, resulting from mark to market revaluation of copper hedging not related to the quarter.

Cash flow increased to \$22.1 million in the March 2007 quarter compared to \$2.0 million in 2006. The \$20.1 million increase is the result of significantly higher cash flow from Mount Polley and the inclusion of the 50% of cash flow from Huckleberry.

Capital expenditures were \$9.0 million, up significantly from \$2.4 million in the previous quarter as the Company increased exploration spending and capital programs at Mount Polley.

The Company completed the acquisition of bcMetals Corporation in the March 2007 period at a net cash cost of \$58.9 million, financed by cash on hand and a \$40 million short term loan facility.

Expenditures in the March 2007 quarter were financed from cash flow from the Mount Polley and Huckleberry mines and short term debt. At March 31, 2007 the Company had \$29.3 million in cash and cash equivalents and short term investments including \$20.8 million representing the Company's 50% share of Huckleberry cash and cash equivalents and short term investments.

Imperial is a mine development and operating mining company based in Vancouver, British Columbia. The Company's main properties are the Mount Polley open pit copper/gold mine (100%) in central British Columbia, the Huckleberry open pit copper/molybdenum mine (50%) in northern British Columbia, the development stage Red Chris property (100%) in northern British Columbia, and the development stage Sterling gold mine (100%) in southwest Nevada.

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