

Dobbin
882341

TGS → RG
— Kam loops

Schroeter, Tom EM:EX

From: Cathro, Mike EM:EX
Sent: Friday, August 18, 2000 4:43 PM
To: Adams, Rick EM:EX
Cc: Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie, Garry; Schroeter, Tom; Houle, Jacques; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject: Cathro Weekly to 8/18/2000

IM
Mt. Rose Silica Quarry - field visit on 8/17 with L. Morgenthaler and owners Chuck and Sharon Melanson. The quarry (82LSW066) is located 6 km SW of the town of Armstrong. Between 1968-74 it produced 5034 tonnes of quartz for stucco dash, exposed aggregate and metallurgical uses. A fairly large (12 m wide by 75 m long?), strongly fractured, white quartz vein (the Ivan vein) is hosted by Cretaceous quartz diorite. Sampling by the Melansons shows that the vein is quite pure quartz (approx. 99.5% SiO₂) but contains contaminants (0.3-0.5% FeO and up to 0.2% Al₂O₃) and as such would not be suitable for high-tech uses (e.g. silicon metal). The iron mainly occurs as limonite staining on fractures and very rare late veins which contain pyrite and pyrrhotite. Very rare traces of specular hematite, galena and sphalerite were also noted and two samples were taken for Au-Ag assays. Approx. 500 tonnes of broken material is stockpiled in the pit and a substantial quantity remains to be mined from existing benches (> 10,000 tonnes in my opinion). We suggested to the Melansons that their best bet for early cash flow would be to market the quartz as landscape rock, stucco/roofing granules, golf course sand or flux (e.g. Trail smelter). It was further suggested that in order to keep their up-front costs to a minimum, they should consider selling in bulk to an established lanscape/stone company (e.g. Kettle Valley Stone) who have mining expertise and equipment. A NoW for a 500 tonne bulk sample should be forthcoming.

Dobbin (Verdstone/Molycor) - Now received for 5000 m of drilling, 500 m of excavator trenching, soils and regional prospecting on this very interesting Cu-Pt-Pd prospect located NW of Kelowna. (Note - the companies are very short of funds and a source of financing is still not apparent to me). Graham Nixon (GSB) has been doing geological mapping over the area and Colin Dunn (GSC-Sydney) is doing a biogeochemical/soil survey.

Afton (DRC Resources) - Results released for hole 5 (880 ft of 1.87% Cu, 0.044 opt Au, .005 opt Pd and 0.235 opt Ag). Holes 6 and 7 have been completed with assays pending. (MSC comment: note how consistent the results have been so far; this is to be expected given that all holes have been drilled from two set-ups at a low angle to the mineralization). The \$5 million financing closed so lots of cash is available to keep the project going.

IM
Tufa Rock Garden (Pat McBride) - NoW received for 10,000 tonnes of tufa from the Angel Springs occurrence (82ENW107) for "alpine garden" and landscape rock uses. The proposed project is within the Myra-Bellevue proposed park, approx. 300 m below the Kettle Valley railway/trail right-of-way. Given the potential for controversy here, it is perhaps not suprising that Eric Beresford is involved in the project!

Vent (Doublestar Resources) - reported high rare earth element results (particularly Ce, La, Nd) for this property located in Riddle Creek, 16 km SW of Summerland. The mineralization is hosted in a tuff layer between trachyte flows. Interestingly, the trachyte flows in this area are reported to contain up to 0.012% uranium and 0.038% thorium (Riddle Creek occurrence, 082ENW071). The Doublestar work makes no mention of radioactive elements or testwork.

Prospector Assistance Program Updates

Steep
Cleve Lowry - was visited in his field area west of Adams Lake on 8/15. He is finding interesting Zn-Cu anomalies in soil (VMS?) and weak Cu mineralization in a very extensive (250 m wide by ? km long) garnet-pyroxene-pyrrhotite skarn, which is a NW extension of the Steep skarn occurrence (Unit EBK of Schiarizza and Preto).

Garrett Ainsworth - discussed his project by phone today. 81 claim units were staked last week to cover prospective gold ground around Monashee Mountain. Approx 60 soils were collected and several quartz veins

Schroeter, Tom EM:EX

From: Cathro, Mike EM:EX
Sent: Thursday, July 27, 2000 3:01 PM
To: Adams, Rick EM:EX
Cc: Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie, Garry; Schroeter, Tom; Houle, Jacques; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject: Cathro Weekly to 7/27/2000

Dobbin (Verdstone/Molycor) - On 7/25 G. Nixon, D. Lefebure, T. Schroeter (all GSB) and I examined core and surface exposures of this interesting Cu-PGM prospect located near Whiterocks Mountain north of Westbank. Nixon is just beginning a mineral deposit study of PGM occurrences in B.C. and Dobbin is a good example of mineralization associated with a multiphase, Jurassic-aged, mafic-alkalic intrusive complex. Chalcopyrite and pyrite occur in stockwork veinlets and as disseminations in magnetite-rich hornblende pyroxenite and biotite pyroxenite. The veinlets also contain epidote, calcite, quartz and rare garnet. Other intrusive rocks present are quartz diorite, leucocratic quartz monzonite, and hornblende gabbro.

22 holes were drilled on the Dobbin prospect in 1997, of which 10 holes had intersections of low-grade Cu-PGM mineralization. The best hole hit 111 m grading 0.19% Cu, 0.410 g/t Pt and 0.352 g/t Pd (approx. \$18US/tonne gross in situ metal value at today's prices) which included 15 m grading 0.54% Cu, 1.316 g/t Pt and 0.949 g/t Pd (or \$US52/tonne gross). In that program, only one assay was done for Iridium (current price \$US 400/oz) and returned 0.11 g/t, and perhaps more importantly, **no assaying has been done for rhodium** which currently sells for about \$US2400/oz. Unfortunately, despite the encouraging results and the current worldwide exploration boom for PGMs, the joint venture partners have so far been unable to raise funds for exploration this year.

Brenda Mine (Noranda) - Brief tour of the pit and water treatment plant on 7/26 with Nixon et. al. The main purpose was to view the mineralization and compare it to low-grade Mo-Cu mineralization which occurs in felsic intrusive rocks near Dobbin. The Brenda ore is notable in its extremely low pyrite content, very minimal alteration (propylitic and minor potassic) and the small amount of quartz in the veins, relative to most porphyry deposits. In these regards, it has some similarities to the Fort Knox gold setting.

Elk (Fairfield Minerals) - brief tour (7/26) with T. Schroeter and Wojtek Jakabowski (project geologist) of this intrusion-hosted, mesothermal gold-quartz vein property located 30 km west of Brenda. Fairfield is in the midst of a 14 hole, 1200 m drilling program, which is focussed on extensions of the main Siwash North vein (52,000 oz produced between approx. '93 and '95) and the Gold Creek West area. Mineralization consists of narrow (30 cm) quartz-pyrite veins hosted in granodiorite and quartz monzonite of the Early Jurassic Osprey Lake intrusion.

Afton (DRC Resources) - Good results released for hole 4 (e.g. 190 ft of 2.76% Cu equivalent plus 610 ft of 2.82% Cu eq.) Assays are awaited for Holes 5 and 6 which are reported to have hit the zone over 884 and 882 ft respectively. The \$5 million financing has still not closed (was to have been the 19th) and there is a rumour that they have stopped drilling.

PAP updates - Despite having 2 disks removed from his back less than 6 weeks ago, **Camille Berube** has found an exciting new prospect near East Barriere Lake, consisting of 1-2% disseminated pyrite-pyrrhotite in massive magnetite-garnet-pyroxene skarn. The skarn is reported to occur over 60 m width in a roadcut and Au assays are eagerly awaited. Additional staking is underway. This new prospect occurs in the headwaters of a creek which had two sites with anomalous Au, Bi and W in Ray Lett's recent stream geochem release (Open File 2000-23).

Mike

Mike Cathro
Regional Geologist, Kamloops
BC Ministry of Energy and Mines

tel: (250) 828-4566 fax: (250) 828-4726

TGS → RG
Kamloops

Schroeter, Tom EM:EX

From: Cathro, Mike EM:EX
Sent: Friday, March 31, 2000 11:30 AM
To: Adams, Rick EM:EX; Britton, Jim; Brown, Derek; Lefebure, Dave; Ludwig, Allan; Madu, Bruce; McArthur, Gib; Payie, Garry; Pinsent, Robert; Schroeter, Tom; Lane, Bob; Wilton, Paul; Wojdak, Paul
Cc: Simandl, George EM:EX
Subject: Cathro Weekly to March 31, 2000

HIGHLIGHTS:

KEG 2000 Conference (April 4-5-6) - Pre-registration of 175 people so far, with a final total of 200-250 expected. Craigmont-HVC-Ashcroft field trip (Tues 4th) is sold out at 47 people. Minister Miller is expected to attend on Wed. 5th. There will be 20 technical presentations, of which 18 are on BC projects or topics. The Coast. vs. Interior Hockey Challenge will be an epic battle with the Interior squad likely to prevail due to superior grit, conditioning and skill. The Coast team's playoff goatees are not expected to be a factor.

Dobbin Cu-PGM (Verdstone Gold Corp, Molycor Gold Corp.) These Larry Reaugh-controlled companies have just completed staking about 100 claim units near their Dobbin Property. The new claims in part cover the Old Dave Intrusions, a series of Cr-bearing ultramafic dikes to the west of Dobbin. The companies are trying to raise \$1.5 million for a large drilling project this summer. A JV is also possible.

Pellaire Gold Mine (Jaguar International Equities) - property sold to private company Zelon Chemicals (John Hajek) for \$510K, comprised of \$220K of debt, \$20K in property payments, \$70K cash, and \$200 K in a 5 yr. promissory note. Zelon gets the 1400 tonnes of mineralized rock, at unknown/unpublished grade, which was mined and trucked to the camp last year. Jaguar will keep the NW Copper and Chita properties.

Afton Mine (DRC Resources Corp) - Note in Financial Post this week that drilling is expected to start shortly. The company is still working on an agreement with Teck regarding access, however. They are apparently trying to raise up to \$5 million for drilling.

Zeo (Canadian Mining) - John Jenks (consultant) said that a bench was blasted recently, and about 2000 tonnes of zeolite-bearing material was mined on this zeolite deposit at Bromley Creek near Princeton. The company is working on marketing the product, which has an avg. CEC of > 100.

Mike

Mike Cathro
Regional Geologist
Mines Branch, Kamloops

and KEG2000 Conference Co-Chair
visit <http://www.keg.bc.ca>

tel. 250 828-4566 fax 250 828-4726
Email: Mike.Cathro@gems2.gov.bc.ca

TOS → Reg. M.
- Kamloops

Schroeter, Tom EM:EX

From: Adams, Rick EM:EX
Sent: Thursday, March 30, 2000 2:37 PM
To: Anderson, Duane; Bergen, Wally; Beswick, Ed; Booth, Richard; Braidwood, Brian; Carter, Tom; Cheetham, Pat; Clancy, John; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Eaton, Tim; Emery, Kristy; Errington, John; Ferguson, Susan; German, Gerald; Guthrie, Shelley; Hall, Ted; Harris, Grace; Hermann, Fred; Hesketh, Joan; Hoffman, Al; Jorgensen, Sharon; Lewis, Jim; Lieutard, Denis; McArthur, Gib; McKillop, Greg; McLaren, Graeme; Poohachoff, Walter; Readshaw, Kerry; Rennie, Lorna; Schroeter, Tom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Whale, Andrew
Cc: Barrett, Bev; Britton, Jim; Cathro, Mike; Heistad, Ray; Horton, Russ; Ludwig, Allan; Madu, Bruce; Mehr, Eugene; Murton, Patricia; Rothman, Stephen; Seguin, Joe; Worsfold, Joyce
Subject: South Central Region to March 30, 2000

Dobbin

Issues:

Verdstone Gold and Molycor Gold have recently staked about 100 claim units in the area of the Dobbin copper/platinum group metals prospect at Whiterocks Mtn., near **Westbank**. This is one of the best platinum group metal prospects in BC. The companies are seeking to raise up to \$1.5 million for exploration this year. Unfortunately the claims may overlap, or be immediately adjacent to and upstream of, the proposed Trepanier Park. The Protected Area package in the Okanagan Shuswap LRMP has progressed to the stage where the Table may not consider boundary changes to accomodate this late development. Again, MEM's influence is limited without having industry reps at the Table.

FYI:

DRC Resources Corp. (Afton, Kamloops)- is entertaining proposals for a private placement of up to US\$5,000,000 of common shares in the capital of DRC. DRC has funds available to carry out a 5,000 m., \$700,000 diamond drill program, to start once weather improves. The additional funds will enable the company to continue beyond the intial drilling phase.

International Jaguar Equities (Pellaire Gold, SW of Williams Lake)- has announced the sale of the Pellaire property to Zelon Chemicals (John Hajek) for an aggregate price of \$510,000. This includes \$220,000 of debt and \$20,000 in property payments owed by IJE. The balance includes \$70,000 in cash and \$200,000 in a 5 year promissory note. IJE retains its properties in the Chita Creek Group and NW Copper, and has staked an additional 10 claims adjacent to NW Copper.

Mission Ridge Pit (Kelowna)- lengthy discussions with the Ombudsman's office earlier this week following a complaint to their office regarding Mines Act permit issuance, and a restrictive covenant on the property. However, the covenant applies only to the owner, his successors, agents, and servants, therefore our Ministry is not limited in any way by the covenant. Following our discussions, I don't believe the Ombudsman's office will pursue their investigation further, and will respond to the complainant accordingly.

Okanagan Aggregate S&D Study and Draft Soil Removal Bylaw- I attended the 2nd of 3 public meetings in Westbank last night. Only 7 members of the public showed up: 3 owning aggregate resources they wish to develop; 1 existing operator; 2 opposed to gravel pits because of aesthetics- but owning 300 acres with gravel they wish to develop; and 1 free-lance environmentalist reporter hung-up on pursuing alternatives to aggregate (such as recycled plastic??). A similarly small crowd attended in Winfield the night before. Attendance would likely increase in Kelowna tonight if the meeting was held at Mission Ridge instead of the Kelowna Library.

Rick Adams
Regional Manager, South Central Region
Ministry of Energy and Mines
Phone: (250) 828-4566; Fax: (250) 828-4726
Email: rick.adams@gems2.gov.bc.ca

TOS → Dobbin

Schroeter, Tom EM:EX

From: John A. Chapman[SMTP:jacms1@sprynet.com]
Sent: Monday, April 24, 2000 4:06 PM
To: Schroeter, Tom EM:EX
Subject: Fw: Yahoo - North American Palladium Announces Results From Year 2000 Phase I Drill



an Palladium

Announces Results From Year



dobbin_potential.doc

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

From: John A. Chapman
To: Jim Britton
Sent: April 24, 2000 4:04 PM
Subject: Fw: Yahoo - North American Palladium Announces Results From Year 2000 Phase I Drill

Hi Jim, Please share this with Mike Cathro. Regards, John

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

From: John A. Chapman
To: Bryan St. George
Sent: April 24, 2000 3:58 PM
Subject: Yahoo - North American Palladium Announces Results From Year 2000 Phase I Drill

Hi Bryan, This release just came out today. Note how low the Pd cut-off is (0.92 gpt Pd equivalent) - that means at Dobbin the full 111 meter core intersection of Pd+Pt+Cu as shown on the sheet I left you would make ORE at Lac des Iles! Regards, John

http://biz.yahoo.com/bw/000424/palladium_1.html

Schroeter, Tom EM:EX

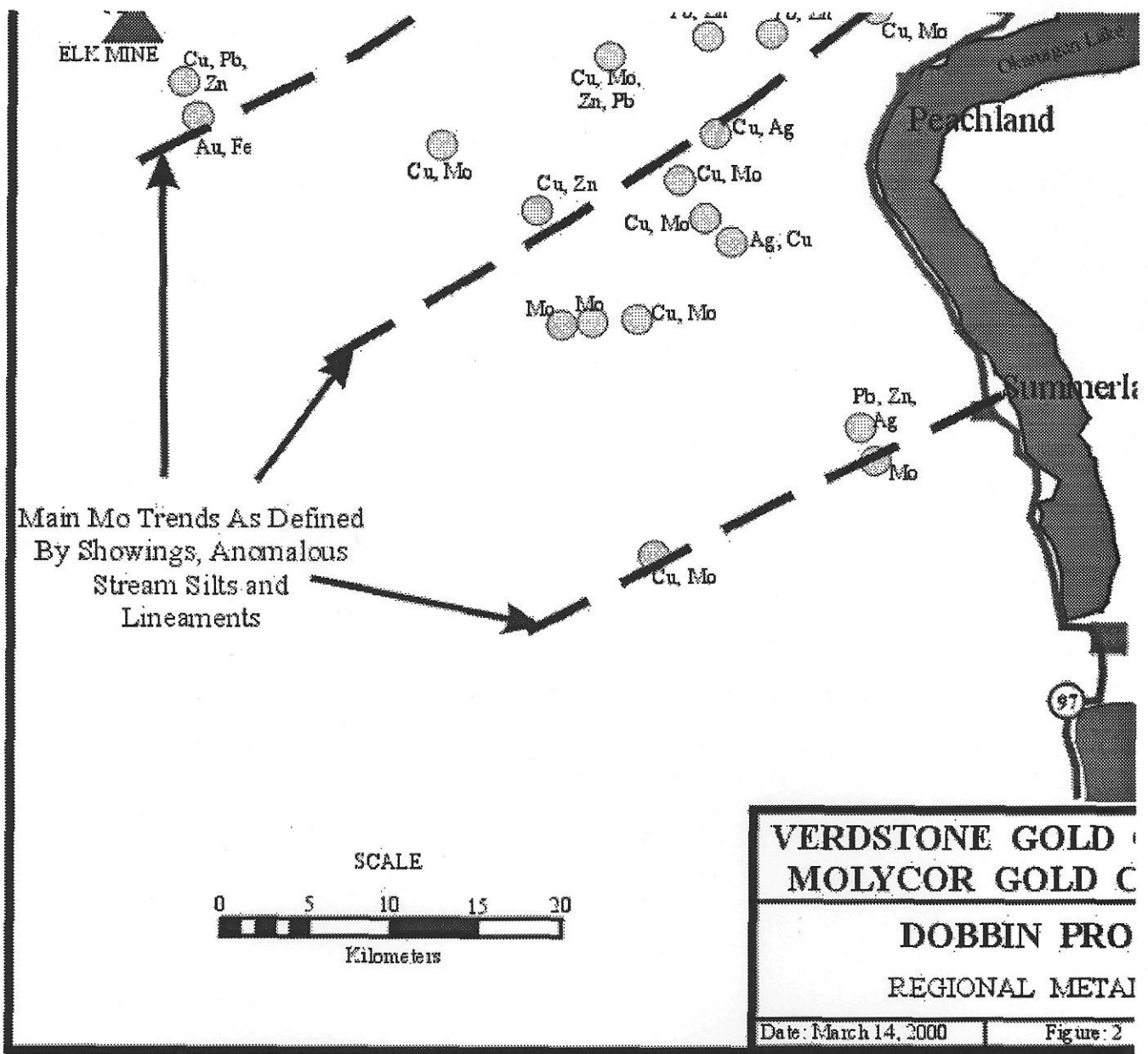
From: Schroeter, Tom EM:EX
Sent: Tuesday, April 25, 2000 8:54 AM
To: 'Chapman, John'
Subject: RE: Dobbin PGE's

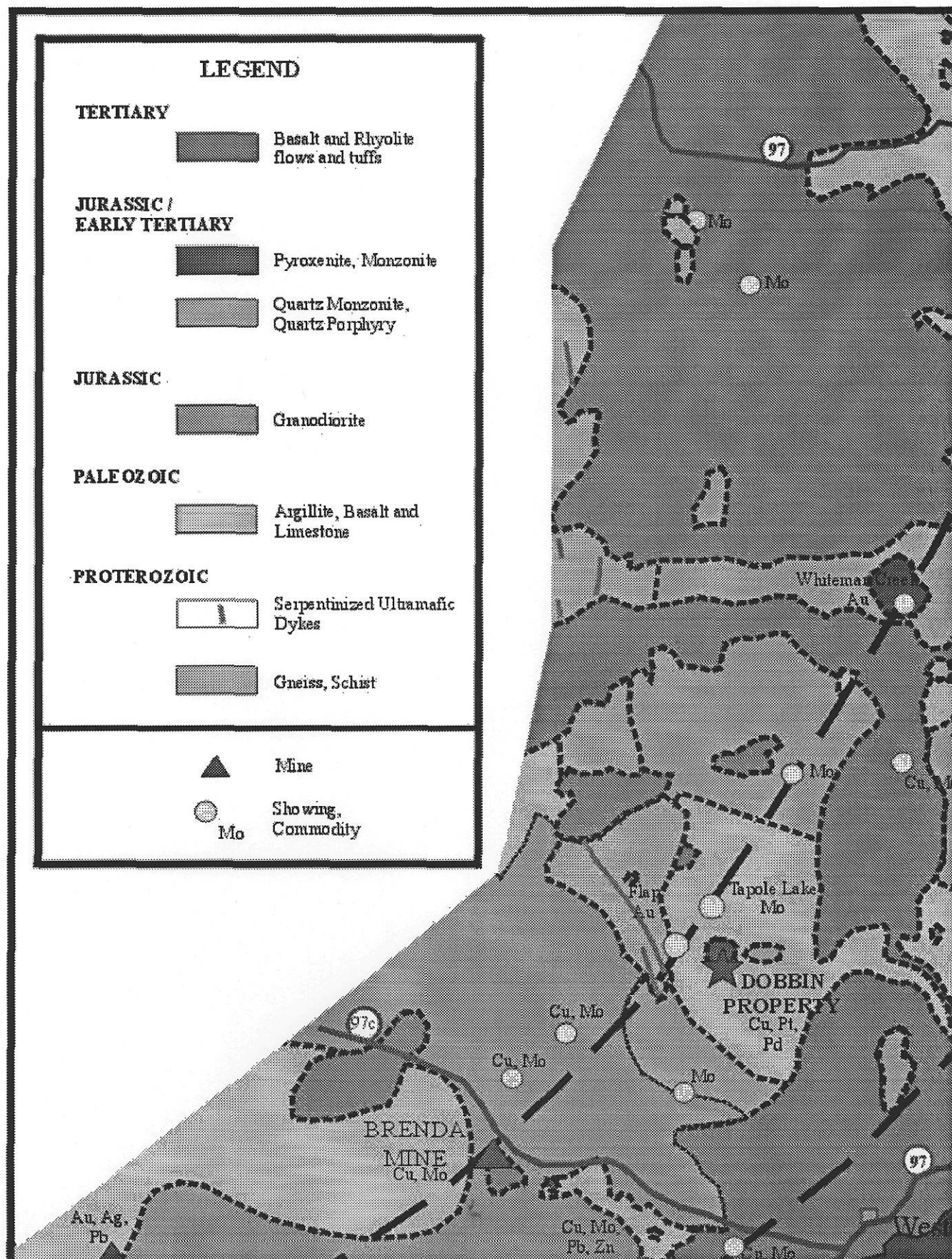
John, thanks very much. P.S. Better contact Robert asap if you want material asap. Tom.

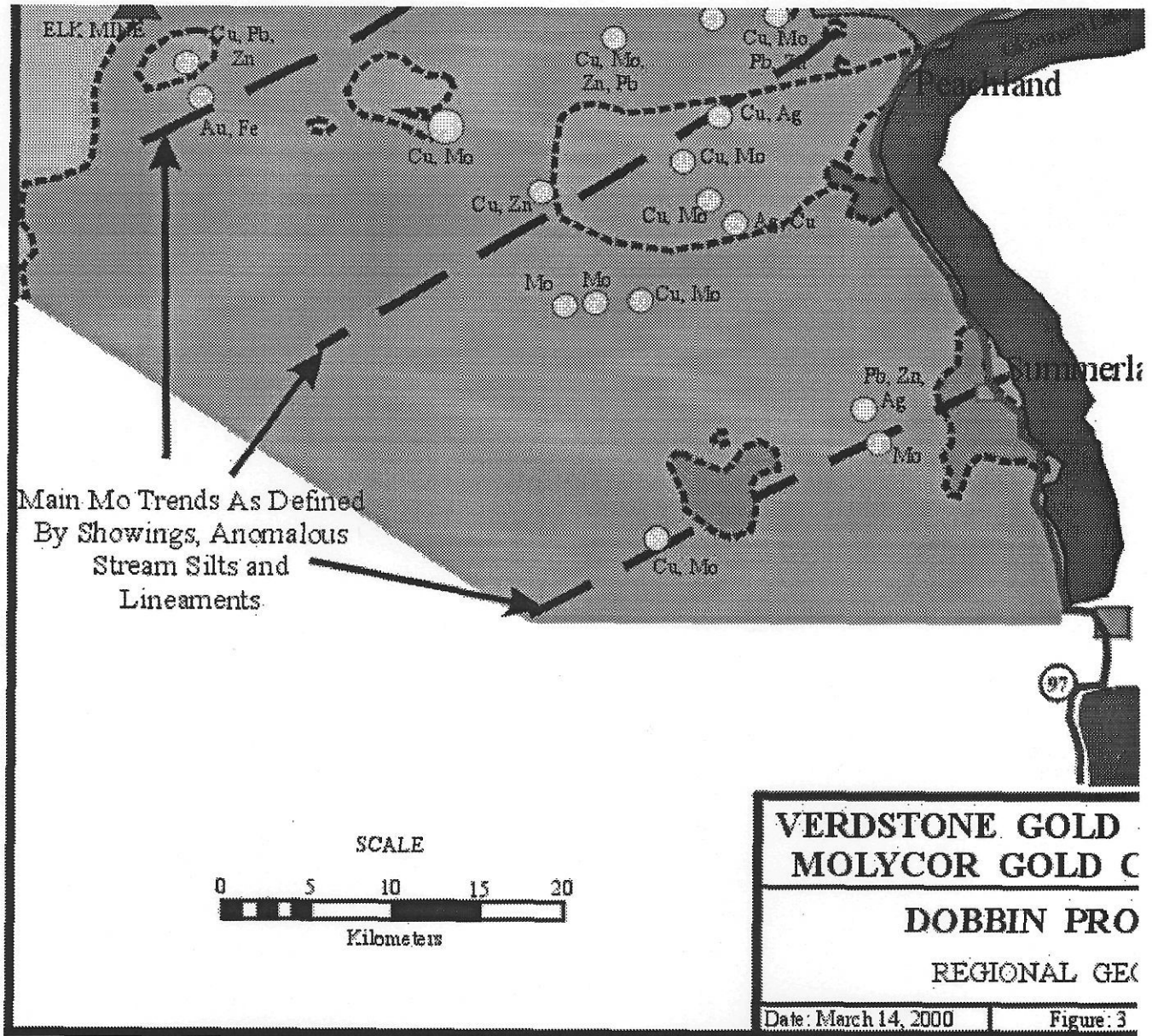
From: John A. Chapman[SMTP:jacms1@sprynet.com]
Sent: Tuesday, April 25, 2000 8:47 AM
To: Schroeter, Tom EM:EX
Subject: Dobbin PGE's

<<File: Metallogeny_dobbin.jpg.jpeg>><<File: RegionalGeology_dobbin.jpg.jpeg>>

Hi Tom, I am attaching a couple of maps from a report that we had done by David Makepeace and Peter Christopher. I will drop a copy of the report at your office later today. Regards, John







VGS → RG
- Kamloops

Schroeter, Tom EM:EX

From: Cathro, Mike EM:EX
Sent: Friday, February 18, 2000 9:04 AM
To: Adams, Rick EM:EX
Cc: Britton, Jim; Brown, Derek; Lefebure, Dave; Madu, Bruce; McArthur, Gib; Payie, Garry; Pinsent, Robert; Schroeter, Tom; Lane, Bob; Wilton, Paul; Wojdak, Paul
Subject: Cathro Weekly to February 18, 2000

Exploration in BC article to be sent to John Newell today for editing. Early next week I hope to complete a second article on gold in stream sediments in the Roderick Creek area.

Renewed Interest in Platinum and Paladium - Rumours of claim staking in the Tulameen area due to the rise in platinum group metal prices to record levels (Pd @ US\$735/troy oz, Pt @ \$573, Rh @ \$2650 this week) . In addition, the Dobbin Cu-Pt-Pd property (Minfile 82LSW138) located west of Kelowna is being dusted off by Verdstone Gold (a Larry Reaugh company). Drilling in 1997 hit some very interesting results such as:

Dobbin

Hole prices)	Metres	Cu (%)	Pt (g/t)	Pd (g/t)	Gross Metal Value (at Feb 16
97-21	111	0.19	0.410	0.352	US\$17/tonne
(incl)	15	0.54	1.36	0.949	US\$50/tonne

Resource (Cont)

Many of the holes hit fairly long zones (20-156 m) of mineralization grading about 0.4 g/t combined Pt-Pd and 0.2-0.4% Cu. A geological resource calculated by Andris Kikauka (1997- Confidential Report to Verdstone) is **1.5 million tonnes grading 0.192% Cu, 0.237 g/t Pt and 0.196 g/t Pd**, giving a gross metal value of roughly US\$11/tonne at current prices. There is also some evidence for enrichment in Iridium, however more testing for this and the other odd PGM elements needs to be done.

Franklin

(Cathro Note - Confidential: The mineralization is hosted in gabbro, pyroxenite and monzonite of the Whiterocks alkalalic complex (Jurassic?) and consists of chalcopyrite, bornite, pyrite, magnetite, epidote, chlorite, calcite, sericite, garnet and quartz as veinlets and disseminations. The mineralization has the appearance of a fairly typical alkalic porphyry Cu-Au. Since platinum group metals are difficult to assay for, it would be nice to see some independent verification of the results. Although the grade is low (and if the 1997 results can be believed), this prospect is probably one of the better Pt-Pd targets in BC because of the large tonnage potential and the apparently consistent Pt-Pd values. It has been compared to Franklin Camp in style of mineralization).

Claim-Staking - There is new staking in the Little Fort and Adams Lake areas as a result of GSB geochem releases at Round-up. West of Adams Lake, claims have now been recorded by Teck (20 units) and Camille Berube (80 units). The target is intrusion-related gold similar to Cam-Gloria. More staking can be expected as the weather improves.

KEG2000 Conference (April 5-6) - BC projects will be the main focus this year. Between 250 and 300 people are expected and numerous major and junior mining companies have agreed to give talks on their projects (e.g. Silvertip, North Sullivan, RDN, Flathead, Brassie, Lorraine, Lottie). New features will be the Prospectors Discovery Session where individuals will give short snapshot talks on new discoveries, and a session on Financing for Projects in BC. A field trip to Craigmont, HVC and Ashcroft is planned for April 4th and a workshop on "High Value Deposits - A Practical Approach" is being offered on April 7th.

Prospectors Assistance Final Reports - 16 of 17 reports in this region have now been reviewed and all have been recommended for final payment. Several interesting grassroots discoveries have been made, particularly for intrusion-related gold.

Opening the Door (Scientists in the Schools) - Took part in this Science Career Fair at the College on the 14th. Approximately 100 high school students attended.

Joke of the Week - What is the difference between a geologist and a pizza? A pizza can feed a family of four.....