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Carolin
Mues

I N T E R O F F I C E M E M O R A N D U M

Date: 30-May-1994 08:55am PDT
From: Robert Pinsent
RPINSENT
Dept: Energy, Mines & Petroleum Res.
Tel No: 660-0223

TO: Rick Meyers (RMEYERS)
TO: Graeme McLaren (GMCLAREN)
TO: Greg McKillop (GMCKILLOP)

Subject: Weekly Report May 24th - May 27th

EXPLORATION:

Myra Falls
- Westim Resources Limited reported a "proven and probable" minable reserve of 2.9 million tonnes grading 2.0% Cu, 0.4% Pb, 10.3% Zn, 0.9g/t Au and 20g/t Ag in the Battle zone at Myra Falls. This is in addition to previously reported "proven and probable" minable reserve of 714,000 tonnes grading 1.5% Cu, 0.9% Pb, 10.6% Zn, 2.5g/t Au and 121.2 g/t Ag in the Gap zone (NM May23rd). The ore is far richer in zinc than that currently being mined.

- The lock-out at the mine continues. Non-union staff have been running the mine at around 25% capacity since last October. The Battle zone is scheduled to commence production six months after resumption of full scale operation. There will be a start up capital cost of around \$12.0 million.

Carolin
- New Global Resources has consolidated its claim holdings in the Carolin Mine area, along the Hozameen fault. The company plans to trench several of the high-grade gold veins.

- No response from BCWildlife on the issue of Spotted Owls.

LAND-USE:

- There were no land-use meetings this week. Two were rescheduled.

- Reviewed the 500-odd new "area of interest" submissions. By guesstimate, approximately 75% of the region is covered by protected areas, quasi-protected areas, study areas or areas of interest.

- Reviewed the regions biovariant "gap" analysis data. Subject to assumptions on how government handles the Northern Pacific Range ecosection and recreation and forest wilderness areas, the results show either a biovariant "gap" of 3.61% and 0.54% available to fill it or 4.41% with 2.64% available within the 12% limit.

Carolin

TOS → DG
- Van.

I N T E R O F F I C E M E M O R A N D U M

Date: 27-Feb-1995 12:02pm PST
From: Robert Pinsent
RPINSENT
Dept: Energy, Mines & Petroleum Res.
Tel No: 660-0223

TO: Rick Meyers (RMEYERS)
TO: Greg McKillop (GMCKILLOP)
TO: Graeme McLaren (GMCLAREN)
CC: EMP Nanaimo (EMP_NANAIMO)
CC: Tom Schroeter (TSCHROETER)

Subject: WEEKLY REPORT 27th FEBRUARY - 3rd MARCH

EXPLORATION:

Carolin

- Athabasca Gold Corporation reports that it has allocated \$1.5 million to "exploration and metallurgical testing on the Ladner Creek Project" (Carolin Gold Mine).

LAND-USE:

- Hosted Lower Mainland RPAT Meeting. MOF and MELP have applied for around \$1.0 million of CRII funds to develop a "Spotted Owl Integrated Management Program" which would keep most of the SOCAS/SOACS out of protection.
- Lower Mainland public advisory committee (PAC) is still on hold. IAMC and RPAT are waiting on developments in Victoria....

OFFICE:

- Completed first draft of Cascade Recreation Area mineral potential review and passed it over to Rolf Schmitt for comment and input.
- Worked on "Exploration Review and Highlights" document.
- Maria away sick with the flu.
- Greg McKillop, Rolf Schmitt and Gregg Stewart over for meetings and in for useful visits.
- Answered numerous public enquires, most having very little to do with land use or regional geology. I take no responsibility for trees on private lots in the City of Surrey!

Robert

TOR → Reg. Mgr.
Nanaimo

I N T E R O F F I C E M E M O R A N D U M

Created: 24-Jul-1997 10:36am PDT
Sent: 25-Jul-1997 08:58am PDT
From: Ted Hall of EI
TJHALL
Title. Regional Manager, Nanaimo
Dept: Employment & Investment
Tel No: 751-7375

TO: See Below

Subject: Southwest Region Update, July 25, 1997

Myra Falls

ISSUES:

* TH met with Westmin and BC Parks to discuss jurisdictional and permit review issues; some progress made in advancing permit approvals for '97 Thelwood Valley and Myra Ridge programs, but Strathcona District's apparent paranoia over possible rare and endangered plant species etc. is causing Westmin to go through expensive ecosystem assessment for a single 450 square metre helicopter drill set-up; Strathcona does not accept interagency protocols and procedures established for rec areas in 1989; regional staff will work to develop local agreement on how to do business in Westmin-Strathcona Park.

* An illegal gravel operation was reported on Cortes Island; stop work order issued; operator frustrated by lengthy delay in getting ALR permit.

* Plans to divert Fulton Creek to prevent future flooding of Allard Pit A have been put on hold by DFO; time is running out to address this issue and implement remedial works before rainy season.

Cardin adner (ck)

* Athabaska Gold have announced an indefinite shutdown of the Ladner Creek exploration project, citing low gold prices and lack of financing. All portals will be sealed and signs posted.

* A public meeting is scheduled for August 7th in Squamish to review Great Pacific Pumice plans for processing plant; issues related to zoning and environmental effects on agenda.

* A public meeting is scheduled for August 19 for Carmel Custom Contracting gravel pit proposal at Shawnigan Lake.

FYI:

* Westmin/C.A.W negotiations on hold til mid-August; union obtained strong strike mandate from membership last weekend, and have requested a mediator be brought in.

VGS → Pathways
1998
Ladner
Ck.

I N T E R O F F I C E M E M O R A N D U M

Created: 21-Jan-1997 08:41am PST
Sent: 21-Jan-1997 09:10am PST
From: Robert Pinsent of EI
RPINSENT
Title. District Geologist
Dept: Employment & Investment
Tel No: 660-0223

TO: See Below

Subject: Ladner Creek Field Trip Proposal

Your suggestion of a field trip to Ladner Creek (Athabaska discourages the use of the term Carolin Mine - it brings back unhappy memories!) is a good idea, although where the company will be at, in January, 1998, in terms of its plans for production, remains to be seen.

Athabaska blows hot and cold on the project, depending on the amount of funds at their disposal on a given day. Right now, the cupboard is bare, the price of gold is down in the US\$350's and it doesn't expect to do much this year. That could change.

Jo Shearer has a "set tour" which provides a good look at the workings (albeit with primitive X-sections etc). Athabaska would probably be pleased with the exposure and Jo would probably be pleased to lead a trip. I took Laurie Kennedy, the new structural geology prof at UBC, round last summer. She liked what she saw and is keen to get a grad student in to sort out some of the structural aspects. She too is waiting for the company to get going on a more systematic basis.

Yes, I would certainly be interested in being involved. The concept of a conference or meeting of some sort on the Hozameen/Fraser/Yalokam movement and mineralization is something to consider down the road. The GSC has done a lot and with the mines reopening there could be something there.

Robert

Distribution:

TO: Mike Cathro of EI (MCATHRO)
TO: David Lefebure of EI (DLEFEBURE)
TO: Rick Meyers of EI (RMEYERS)
TO: Gerry Ray of EI (GRAY)
TO: Tom Schroeter of EI (TSCHROETER)

CC: Ted Hall of EI (TJHALL)

INTEROFFICE MEMORANDUM

Created: 02-Dec-1996 09:34am PST
Sent: 13-Dec-1996 12:51pm PST
From: Robert Pinsent of EI
RPINSENT
Title. District Geologist
Dept: Employment & Investment
Tel No: 660-0223

TO: See Below

Subject: SOUTHWESTERN REGION MONTHLY REPORT: DECEMBER I

350,000 g
or 34,000

EXPLORATION:

Ladner
ck.

- Athabasca Resources announced the results of its McMaster zone drill program at Ladner Creek. It extended the zone for an additional 160 metres and generated an open pit reserve of 186,000 tonnes grading 1.89 g/t gold and an underground reserve of 240,000 tonnes at a diluted mining grade of 4.42 g/t gold. The zone is still open. The "ore" is very similar in grade and appearance to that found in the mine. The additional reserve will help justify reopening the mine.

- First Choice Industries has confirmed the presence of coarse and fine gold in its sulphide-veined rhyolite breccia deposit at Knob Hill. It appears to have located a large, subeconomic, mineralized system with plenty of room to explore for an economic deposit.

- Westmin Resources drilled four holes on the Dragon property, near Gold River, and then elected to drop it. Presumably the company felt there wasn't room for a major deposit near surface and the deeper rocks weren't sufficiently encouraging.

Westmin has cut back its staff at Myra Falls as a result of near completion of the new underground haulage drift and uncertainties concerning the price of copper. It cut 50 employees.

Debbie

- White Hawk Ventures has had its purchase agreement with Westmin approved by the TSE. In the first instance, it intends to complete the bulk sample project proposed for the Debbie 900 zone and drill five surface holes into the Debbie 1050 zone.

Texada
I.S.

- Vananda Gold has purchased a ball mill and concentrator with a view to producing magnetite suitable for use at the Quinsam Coal operation (2,500 tonnes/year consumption) and elsewhere. It has also reopened the Lake Adit magnetite mine on Texada Island - although it likely won't be producing for a while. The company intends to process surface material first.

- LEH Ventures Inc. changed its mind about working on the Iron Cop property, near Brooks Peninsula. It will work on a gold property in

INTEROFFICE MEMORANDUM

Created: 04-Nov-1996 10:58am PST
Sent: 14-Nov-1996 02:00pm PST
From: Robert Pinsent of EI
RPINSENT
Title: District Geologist
Dept: Employment & Investment
Tel No: 660-0223

TO: See Below

Subject: SOUTHWESTERN REGION: MONTHLY REPORT NOVEMBER I

EXPLORATION:

Ladner CF.
- Athabasca Resources drilled eight holes into the McMaster zone north of the Ladner Creek mine. It encountered promising thicknesses of typical mineralization in the sheared footwall of a shallow-dipping serpentine lens intruded along the McMaster Pond fault, a structure that cuts and off-sets the "main" East Hozameen fault. The step-out has positive implications for the extent of mineralization on the property.

Knob Hill
- First Choice Industries drilled ten short holes and reported finding a very encouraging fine-grained sulphide stockwork in brecciated rhyolite underlying part (800 m x 250 m) of its large gold-arsenic soil geochem. anomaly at Knob Hill. The first assays results should be announced next week. The rocks look as if porphyry (Cu) mineralization has been overprinted with epithermal (Au, Ag, As, Pb, Zn) mineralization. Note the property received an Explore BC MEIP grant last year.

JI
- Aquaterre Resources is completing the second of two holes into what was thought to be a VMS target on Jervis Inlet. Given a look at the maps and core, I rather suspect it is actually drilling the flank of a porphyry copper system (visited).

- Verdestone Resources announced encouraging molybdenite assays from its drill and surface sampling program at Salal Creek. It is currently exploring a target area 2,500 metres by 460 metres centred on Float Creek. Next summer, it plans to deepen the second (shorter) of this year's holes.

Tay
- Dalmation Resources has completed a 1,106 line-km helicopter borne (em, magnetometer and radiometric) airborne geophysical survey on the Tay vein-gold property, near Sproat Lake. The program appears to have generated a few targets and a gremlin who munched the reference in last month's report.

Macktush
- SYMC Resources has cut some more trenches at Macktush and exposed more of the Fred and Dave veins systems. The veins contain remarkably consistent gold values of between 0.3 and 0.6 oz/tonne as well as appreciable silver and copper. The mineralization is probably linked to

a very large por. Cu system.

VOS → RG
- Van.

INTEROFFICE MEMORANDUM

Created: 04-Jul-1996 04:17pm PDT
Sent: 15-Jul-1996 12:26pm PDT
From: Robert Pinsent of EI
RPINSENT
Title: District Geologist
Dept: Employment & Investment
Tel No: 660-0223

TO: See Below

Subject: SOUTHWESTERN REGION MONTHLY REPORT JULY I

EXPLORATION:

- Westmin Resources Ltd. still has production problems at Myra Falls as it continues to extract both waste and ore from the Gopher zone through the 18 level exploration drift. It has produced less "high-grade" ore than expected over the past few months. However, it should be able to route ore through draw points on the new 24 level haulage drift shortly, which should simplify matters and increase productivity. (visited).

Myra Falls

The company has completed a detailed environmental impact study on three proposed drill sites on Phillips Ridge, near the western end of its tenure holdings in Strathcona Park. BCParks has joint sign-off with MEI for work in the area and requested the report.

The company plans to drill four very deep holes from two sites for an aggregate depth of 7,000 metres. The \$1.5 million programme should provide stratigraphic information that will assist the company orient underground development required to explore the Marshall zone and the as yet untouched western end of the property. The drill programme must start in August if it is to be finished this year.

- Quinsam Coal has reached its design production capacity of 1.2 million tonnes of clean coal per year and has set its sights on 1.5 million tonnes! It has started development in the 4S area and it is permitting the 242 area which it hopes to develop this fall. The two new blocks will more than replace production lost when the 2S block closes this fall. (visited).

Coal

- Quinsam Coal has drilled the first six out of twenty proposed rotary holes in the Tsable Coal field south of Courtenay. The \$0.8 million programme is designed to double the current 11.0 million tonne reserve. Despite overburden drilling problems (sand and gravel) and variable coal recoveries the results are encouraging. The coal appears to be of good quality and uniform thickness, around 3.0 metres. (visited).

Ladner Creek

- Athabasca Resources is back drilling at Ladner Creek. It will drill approximately 25 holes for a depth of 4,750 metres over the next six weeks

VOS → KG
Van.

I N T E R O F F I C E M E M O R A N D U M

Date: 03-Nov-1995 01:07pm PST
From: Robert Pinsent of EMPR
RPINSENT
Dept: Energy, Mines & Petroleum Res.
Tel No: 660-0223

TO: (see below)

Subject: SOUTHWESTERN REGION MONTHLY REPORT: OCTOBER 1995

EXPLORATION:

- La Rock Mining Corp has drilled three holes into its new target south of Dave's Pond on the Brandywine property. The first hole produced a couple of short mineralized intercepts.

Consolidated Bullet Group Inc. has taken an option on the property. It must spend \$5.0 million by February, 1999, to earn 50% and produce a feasibility study by January, 2001, to earn another 15%. The company may also purchase an additional 5% and could negotiate for another 10%.

CARLIN

- Athabasca Gold Resources is nearly finished its underground development and drill programme at the Carolin Mine. The deposit has an underground resource of 900,000 tonnes grading 4.4 g/t Au. The company is looking for additional reserves in two shoots parallel to the "main" mined mineralized zone and in a fault off-set portion of the whole system. It is also looking at reprocessing the tailings. The old mill is still standing and many of the permits are still in place. The company is committed to spend \$1.0 million by June 1996 but will probably spend that this year.

- Romulus Resources has started major drill programme on the Specogna (Cinola) deposit in the QCIs. It has two drills operating and expects to drill around 40 holes for an aggregate depth of 7620 metres. The holes will determine whether a swarm of quartz veins in the centre of the deposit are close enough and rich enough to constitute a "high-grade" core.

- Imperial Metals Corp announced good results from the Giant Copper property, near Hope. The drill programme identified a new mineralized breccia zone within the AM Breccia pipe. The deposit currently has an open-pitabile resource of 23 million tons grading 0.75% Cu, 0.015 o/t Au and 0.35 o/t Ag. The company plans to test the depth extent of the mineralization next spring.

- Pacific Geopower has completed its deep geothermal well at Meager Creek. The results were inconclusive. The water was hot enough (>250 degrees centigrade) but there was insufficient permeability for a producing well. The company feels there may be better ground preparation to the north and plan to drill their next hole higher up the mountain.