

Sunro  
888317

TGS → Reg. Mgr  
- Nanaimo

**Schroeter, Tom EM:EX**

**From:** Hall, Ted EM:EX  
**Sent:** Friday, October 02, 1998 1:57 PM  
**To:** Alvarez, Jorge; Anderson, Duane; Bergen, Wally; Beswick, Ed; Booth, Richard; Braidwood, Brian; Burroughs, Trudy; Carriere, Greg; Carter, Tom; Cheetham, Pat; Conte, Rick; Curtis, Ross; Eaton, Tim; Errington, John; Finvers, Maija; Forster, Patti; German, Gerald; Hermann, Fred; Hoffman, Al; Koncohrada, Karen; Lefebure, Dave; Lewis, Jim; Lieutard, Denis; Logan, Claudia; Ludwig, Allan; Marsman, Talitha; McArthur, Gib; McKillop, Greg; McLaren, Graeme; Meyers, Rick; Phelan, Bill; Pinsent, Robert; Readshaw, Kerry; Rennie, Lorna; Schmitt, Rolf; Schroeter, Tom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Whale, Andrew; White, Don; Wishlow, Wayne  
**Subject:** Southwest Region Update - October 2, 1998

**ISSUES:**

- Wedgemont Contracting Ltd. have trespassed onto Crown Land at their Indian Head Quarry near Whistler without a licence-to-cut and in contravention of their mine permit. Squamish Forest District will hold a hearing Oct. 5th and make a determination under the Forest Practices Code. A. Ludwig will attend the hearing.
- A land developer in Maple Ridge is excavating a 500,000 cubic metre gravel deposit to make way for an industrial park, and is supplying the aggregate to the commercial market without a mine permit, by underbidding local competition. This has resulted in a complaint by members of the Aggregate Producer's Association; regional staff are investigating.
- Cominco have withdrawn their offer to complete the sealing of mine openings at the abandoned Sunro Mine, for fear they will be seen to assuming responsibility for the site. MEM will now need to tender the work out under Section 17 of the Mines Act, although Cominco may cost share a portion of the work.

Sunro  
Jordan R.  
Monteith  
Bay

Construction Aggregates jumped the gun by carrying out land clearing, drilling and blasting at the Monteith Bay silica quarry before their permit was issued. Operations have now ceased for this season, and full scale production is scheduled for 1999. The permit is to be issued upon receipt of securities.

**FYI:**

- Copper Beach Estates plan to file a comprehensive permit application on Oct. 5th, to include a water treatment plant, landfill operation and site reclamation plan for the Britannia property. The application review will be coordinated by the Lower Mainland MDRC in cooperation with the Fraser Basin Council and the Squamish-Lillooet Regional District.

Ted Hall  
Regional Manager (Southwest)  
Ministry of Energy and Mines  
Nanaimo  
phone: (250) 751-7375; fax: (250) 751-7373  
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VGS → SUNRO  
~~VGS~~ → BG  
- Nanaimo

**Schroeter, Tom EM:EX**

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, May 05, 2000 8:25 AM  
**To:** Hall, Ted EM:EX  
**Cc:** Cathro, Mike EM:EX; Lane, Bob EM:EX; Schroeter, Tom EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Jakobsen, Dorthe EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; Jones, Larry EM:EX; Smyth, Ron EM:EX; Pinsent, Robert EM:EX; McArthur, Gib EM:EX; Carriere, Greg EM:EX  
**Subject:** Houle Weekly Report for April 21 - May 5, 2000

**Debbie (Yellow Creek) Property Visit April 25**

Visited property for rehabilitation evaluation with Greg Carriere (MEM) and Dean Crick (Boliden-Westmin) for 0.5 days; poor access due to snow conditions, but were able to view portal site (partially sealed) and core storage area (deteriorated); this past producer is listed both as Cu-Ag vein and a Kuroko VMS in Minfile, but has Au Quartz Vein resources in 2 zones; no samples taken.

**Sunro (Jordan River) Property Visit April 26**

Visited property for exploration potential and rehabilitation evaluation with Greg Carriere (MEM) and Dean Crick (Boliden-Westmin) for 1 day; visited Cave, River, Gordon Zones at surface and the access portal site; this past producer is listed as Tholeitic intrusion-hosted Ni-Cu in Minfile, and no PGE data was found in the records; 5 selected mineralized grab samples (4 from outcrop and 1 from the "waste" dump) were taken and sent for multi-element ICP + Pt, Pd; results pending.

**2000 GSA Meeting Vancouver April 27-29**

Excellent, 3-day meeting attended; quite academic, but ancient metallogenic terranes of the circum-pacific being reconstructed by USGS-GSC-Russians using plate tectonics is very interesting and relevant to mineral exploration on accreted terranes such as Vancouver Island; also, the importance of flat, ore-controlling structures in the Cordillera was emphasized; the Intrusion-Related Gold Deposit Model is starting to get a bit fuzzy after recognition of possible ore-controlling intrusions in the prolific Carlin district of Nevada.

**Vancouver Data File Evaluation for SW Region - April 27**

Data files for the SW Region now in the Vancouver Office were assessed for volume and relevance for relocating to the Nanaimo Office; there are 25 lateral file drawers (50 file boxes) plus another 5 file boxes of file data, plus about 150 rolled maps, all to go to Nanaimo; in addition, there are about 150 file boxes of assessment reports in off-site storage, which could be relocated to Nanaimo as well.

**James Island Property Visit - May 2**

Visited James Island property east of Sidney with Greg Carriere, Kim Stone, Rosa Munzer, 3 rep's for mineral claim holders, and 2 rep's for surface rights holders; after 2 complete tours of the island, no outcrops of bedrock were located, and no samples were taken; mineral claim holders indicated that they are targeting high-tech clays and possibly heavy minerals in sands.

**Prospectors Assistance Grant Applications**

As of today, 25 grant applications have been received for the Southwest Region, including 1 shared between the SW and SE regions; of the 25 applications, 14 are targeting Vancouver Island, 1 on Texada Island and 10 on the mainland; 15 applications have been evaluated to date, and are being copied and forwarded to Victoria.

Jacques Houle  
Regional Geologist  
Southwest

TOS → R G  
- Nanaimo

**Schroeter, Tom EM:EX**

**From:** Schroeter, Tom EM:EX  
**Sent:** Friday, June 02, 2000 9:44 AM  
**To:** Houle, Jacques EM:EX  
**Subject:** RE: Houle Weekly Report for May 26 - June 1, 2000

Jacques, Sometime this summer I would dearly like to visit the Mactush property with Herb and yourself - later in August? Tom.

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, June 02, 2000 9:40 AM  
**To:** Hall, Ted EM:EX  
**Cc:** Cathro, Mike EM:EX; Lane, Bob EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Pinsent, Robert EM:EX; Smyth, Ron EM:EX; Lefebure, Dave EM:EX; Brown, Derek EM:EX; McArthur, Gib EM:EX; Carriere, Greg EM:EX; Jakobsen, Dorthe EM:EX  
**Subject:** Houle Weekly Report for May 26 - June 1, 2000

Mactush

**Mactush Property Review - May 26:**

Met with Herb McMaster, President of SYMC Resources and owner of the Mactush Property near Port Alberni. Although described in Minfile (092F 012) as a porphyry Cu-Mo-Au deposit, Herb has been evaluating the property for its high grade narrow vein potential. A property visit and client data review is clearly warranted to help orient Herb on the potential of bulk mining targets, scheduled tentatively in June. My experience with porphyry deposits over the past 5 years and narrow vein deposits over the prior 15 years should be of some use to him.

Sunro  
PGE

**Sunro Property Review - May 30:**

Evaluation of analytical results and notes from the site visit to this past producer (Minfile 092C 073) near Jordan River on April 26 culminated in a report, including data, issued to R. Conte, L. Jones, G. Nixon, N. Massey and G. Carriere. In general, Ni, Pt and Pd values at Sunro are quite low, but Au, Te and Se values appear to exhibit exponential proportions relative to significant Cu values.

**Prospectors Assistance Program:**

Contacted by phone or e-mailed all 9 successful grantees and 11 of the 17 unsuccessful grantees in the Southwest Region, with call backs awaited or no answers from the other 6. Tentative plans were made with all successful grantees for field visits during their field programs. All applicants expressed enthusiasm and support for the program, and all those who failed to obtain grants say they will try again next year. However, 1 unsuccessful applicant (P.99) was extremely disappointed and asked about an appeal process; it was suggested to him that he send faxes to government officials requesting that funding for the program be increased in future years.

**Fossil Hunt with School Class to Wastelands - June 1:**

The grade 2-3 class from Nanaimo Christian School was taken on a fossil hunt at the Wastelands Motocross Track, the site of the former Dunsmuir Shale Quarry (Minfile 092F 345) near Nanaimo. Many fossil ammonites and bivalves were extracted and brought home by happy, muddy kids! Thanks to Richard Wilson and the Nanaimo Motocross Association for their permission and advice.

**Data Filing Status Update:**

The Masterfile map plan system was received from and installed in the Resource Room by Azza Blue Print of Nanaimo, and is ready for map hanging. Sharon Ferris visited from Victoria on June 1 to help design the Library Room setup with Patty Forster. Plans are in place to box and retrieve the Southwest Region geology and land use files from the Vancouver Office on June 5-7. The assessment report files will be evaluated on June 6-7 and retrieved when we are ready.

TOS → RG  
- Nanaimo

**Schroeter, Tom EM:EX**

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, June 23, 2000 8:50 AM  
**To:** Hall, Ted EM:EX  
**Cc:** Cathro, Mike EM:EX; Lane, Bob EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Smyth, Ron EM:EX; Carriere, Greg EM:EX; Reid, Bruce EM:EX; Jakobsen, Dorthe EM:EX  
**Subject:** Houle Weekly Report for June 16-22, 2000

Zeballos

**Compilation of Newmex Minerals Inc. Privateer Mine (092L 008):**

Completed review and compilation of available digital data on the Privateer Mine in the Zeballos District on Vancouver Island; the geochemical signature (elevated values of Ag, Au, As, Cu, Pb, Zn, Cd, Sb, Bi, B, Hg, Se, Te) from quartz vein ore samples taken on May 9, 2000 is suggestive of Porphyry-Skarn-Epithermal mineralization, which is consistent with the geological setting of the Zeballos District; letter sent to A. Aichmeier of Newmex with geochemical results from samples, and some ideas for future exploration as well.

Bingo

**Visit to Robert Campbell's (PAA P.40) Shawnigan Lake Area Project:**

Spent June 20 with R. Campbell and partner G. Henricksen at and around the Bingo Prospect (092B 077), a Au-Ag Quartz Vein showing in graphitic schists along the Survey Mountain Fault near the intersection of the San Juan Fault; they have systematically resampled and traced the vein system over 1 km in logging road cuts; I suggested to continue prospecting along strike towards an area with no Minfile occurrences but with several significant RGS Au anomalies across the San Juan Fault; possible staking is planned for September pending the results from the sampling, and following other commitments for the prospecting partners in Quebec.

Sunro + DS

**Visit to Rick Strong's (PAA P.23) Jordan River Area Project:**

Although unsuccessful in obtaining PAA funding this year, Mr. Strong and partner Jim Dyke will proceed to excavate a former rock quarry along a logging road which allegedly yielded spectacular Cu mineralization (both as massive sulphides in gabbro and in very rich quartz veins) in boulders found along roads near the quarry; they have staked the DS claims (16 units) over the area, and plan to stake additional claims prior to excavating; the day was spent with them visiting outcrop exposures from recent logging activity, as well as tracing the mineralized boulders along the roads; the boulders look similar to but much better than anything seen at the nearby Sunro Mine (092C 073) during my visit in April; I suggested that they submit a Notice of Work Application for not only the quarry excavation, but also for additional trenching nearby to be determined; also requested to be notified upon successful excavation of the quarry for a site visit, which could be very exciting.

**Exploration and Development Activity Poll:**

At the request of Tom Schroeter, I began polling via telephone all known clients in the SW Region to determine what exploration and development activity has been completed so far, and what is planned for the rest of 2000; this exercise should be completed by late June or early July.

Jacques Houle, P.Eng.  
Regional Geologist - Southwest

TS → Roy M.  
Munai

**Schroeter, Tom EM:EX**

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**From:** Hall, Ted EM:EX  
**Sent:** Friday, June 30, 2000 10:19 AM  
**To:** Adams, Rick; Anderson, Duane; Bergen, Wally; Beswick, Ed; Booth, Richard; Braidwood, Brian; Brown, Derek; Carr, Chris; Carriere, Greg; Carter, Tom; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; Forster, Patti; German, Gerald; Harris, Grace; Hermann, Fred; Hesketh, Joan; Hoffman, Al; Houle, Jacques; Jakobsen, Dorthe; Jansen, Penny; Jorgensen, Sharon; Koncohrada, Karen; Lefebure, Dave; Lewis, Jim; Lieutard, Denis; Logan, Claudia; McArthur, Gib; McKillop, Greg; McLaren, Graeme; Munzer, Rosa; Phelan, Bill; Pinsent, Robert; Randall, Alf; Readshaw, Kerry; Reid, Bruce; Rennie, Loma; Schmitt, Rolf; Schroeter, Tom; Sedun, Thom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Taje, Eddy; Whale, Andrew; White, Don; Wishlow, Wayne  
**Subject:** Southwest Region Update - June 30, 2000  
**Sensitivity:** Private

**ISSUES:**

- The District of Central Saanich is applying for an injunction against the Bowcott rock quarry for operating without a soil removal permit or business license. MEM has suspended review of Bowcott's permit application subject to compliance with stop-work orders, and is continuing to pursue charges under the *Mines Act*.
- Van Isle Tree Farms Ltd. has indicated their intention to submit a final application for their proposed Sooke Road rock quarry in Metchosin by the end of July. The project is strongly opposed by the District of Metchosin, and the public has already expressed numerous concerns about the proposal. The timing of the application, just in advance of a proposed soil removal bylaw that would prohibit the quarry, is likely to be contentious.
- The Regional District of Nanaimo Board has rejected the proposed RDN soil removal bylaw, and has proposed a scaled down version of the bylaw which will address only those issues which are outside the regulatory authority of provincial agencies. The bylaw committee will be meeting in mid-July to revise the current draft, and will likely focus strictly on land use and social issues.
- Fraser Valley Aggregates have completed their environmental studies on the proposed Sumas Mountain (formerly Little Rock) quarry, and intend to schedule a public meeting in late July or early August. A strong show of opposition by the public, the Sumas Indian Band and the FVRD is anticipated.
- MELP's Industrial Pollution section is raising concerns about possible elevated copper levels in the Jordan River downstream of the old Sunro Mine. Interesting timing, as many of the reverted Crown grants covering the mine are being disposed of by sealed bid...
- DO at Myra Falls Operations, when a deck tipped off a scissor truck due to a broken mount. Nobody was on the deck at the time; an investigation is continuing. Another DO involved exposure of miners to excess CO in the Myra Falls mine. No injuries were reported, and post-blasting procedures are now being reviewed and improved.

**FYI:**

- The investigation report on the blasting accident at the Sylvester Road Quarry in Mission has been completed. Although the accident was not attributed to a single cause, it was found that there was no negligence on the part of the blasters. Blasting has now resumed in accordance with revised operating conditions.

B.C. localities? Please let me know, or contact Efreem directly at (250) 753-7819.

*Sunro* • **Commerce Resource Sunro Property:** Made contact with principals Mike Peak and David Hayman of Commerce Resource Corp., who have purchased the Sunro Property near Jordan River, S. Van. Isle, through the reverted crown grant disposition program; they intend to visit the Nanaimo office and the property in the near future, and are planning a possible underground exploration program at Sunro in late 2000; Jim Miller-Tait has apparently been retained to assist Commerce Resource with exploration work at Sunro.

- **METC - Flow-through Shares Regulation Changes:** Forwarded documentation regarding recent changes to the federal income tax regulations allowing METC to be passed onto flow-through share subscribers (thanks for the note, Ron!) onto clients with immediate interest: SYMC (Macktush Property, Central Van. Isle.), Beau Pre Exploration (Valentine Mtn. Property, Southern Van. Isle.), and Vezina Mining and Power (Cous Creek Property, Central Van. Isle.); will continue to forward document packages to clients individually as required.

*Blueberry* • **Renning Blueberry Property:** Committed to visiting this undocumented quartz gold vein occurrence NW of Pemberton with prospector/owner Michael Renning on September 1; a representative bulk sample along a 5' length of this narrow (5 cm wide) vein has allegedly yielded over 50 g/t Au; it is associated with a felsic rock and a structure which may be related to the Owl Creek Fault; prospecting is currently in progress.

#### **Ministry Items:**

- **Strathcona Park Mineral Claims:** Reviewed existing Minfile and Map Place information on mineral claims for which possible compensation is pending, and which are scheduled to be visited in mid-September.
- **Ministerial Performance and Repositioning:** Completed review of April 2000 Performance Plan, and completed PowerPoint presentation of ideas, to be selectively forwarded for preliminary comments / feed back.
- **Texada Island Compilation:** Completed preliminary review of existing hard copy information on Texada Island, with more yet to do prior to a tentatively planned return visit in September-October.
- **Sea to Sky Geohazard Study:** No progress.
- **Vacation:** Requested and received approval for 4 days' vacation August 28-31.

Jacques Houle, P.Eng.  
Regional Geologist - Southwest  
(250) 751-7372

*Aug. 25/00*

- **Boliden-Westmin Myra Falls Mine:** Exploration data and highlights pending from Mine Geology / Exploration personnel; the Minesite is seeing about 75% of the total mineral exploration expenditures in the Southwest Region this year; Lynx Pit is reported to be yielding spectacular electrum mineralization - time for a visit!
- **Commerce Resource Corp. (Sunro Mine):** Dave Heyman reported that \$250,000 in flowthrough funding has been raised for underground work at the Sunro Mine, planned for early 2001; no work permit application has yet been received, and visits to the Nanaimo office and the Sunro Mine site by the company are still pending.
- **Educational Clients:** Received and responded to 3 teachers' requests for data on earthquakes, mining in B.C., and fossils; Mining Association of B.C. has a mining seminar planned for teachers at 2001 Roundup.

Sunro

**Ministry Projects:**

- **Evaluation of First Nations Settlement Lands Proposals:** Additional data pending from Dave Eirksen for Nanaimo area proposal details.
- **Japanese B.C. Coal Mine Tour:** Attended trip on October 11 to the Quinsam Coal Mine near Campbell River, along with Gib McArthur, Rosa Munzer and 5 Japanese mining industry representatives.
- **Regional Geologists' Field Trip to Wells-Quesnel:** Will attend 4 day trip (October 16-19) to Cariboo Gold Quartz Property near Wells, and meetings in Quesnel.

Jacques Houle, P.Eng.  
Regional Geologist - Southwest

Oct 13/00

TGS → RG  
- Nanaimo

**Schroeter, Tom EM:EX**

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, December 08, 2000 11:09 AM  
**To:** Hall, Ted EM:EX  
**Cc:** Cathro, Mike EM:EX; Lane, Bob EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Pinsent, Robert EM:EX; Smyth, Ron EM:EX; Lefebure, Dave EM:EX; Brown, Derek EM:EX; McArthur, Gib EM:EX; Massey, Nick EM:EX; Carriere, Greg EM:EX; Jakobsen, Dorthe EM:EX; Randall, Alf EM:EX; Reid, Bruce EM:EX; Taje, Eddy EM:EX; Wishlow, Wayne EM:EX  
**Subject:** Houle Weekly Report for December 1-7, 2000

**Prospectors Assistance Grantees:**

- **Prospectors Showcase at 2001 Cordilleran Roundup:** Status of responses from individuals with recently successful projects in the region under the Prospectors Assistance Program as follows:
  - **Helgi Sigurgeirsen (1999):** maybe, pending work schedule
  - **Murray McClaren (P.11):** maybe, pending results of additional strategic work in progress
  - **Arne Birkland (P.50):** no response yet
  - **Jim Laird (P.55):** no response yet
  - **Anton Nijhuis (P.71):** positive; application submitted
  - **David Houghton (P.7):** positive; application submitted
- **Evaluation of 2000 Program Reports:**
  - **David Houghton (P.7):** report evaluated; form e-mailed to G. Payie; original report in Nanaimo.
  - **Ed McCrossan (P.35):** report evaluated; form e-mailed to G. Payie; original report in Nanaimo.

**Other Clients:**

Sunro

Myra Falls

- **Commerce Resource Corp.:** David Heyman of Commerce forwarded copy of agreement with Cominco to acquire copy of all of Cominco's data regarding the Sunro Mine Property for \$1,000; David and geological consultant Jody Derouche are planning to visit the Nanaimo Office and the Sunro Mine within the next month; Commerce has been busy acquiring other mineral properties in B.C. as well as raising exploration funds.
- **Beau Pre Explorations Ltd.:** Robert Beau Pre visited the Nanaimo Office, and refined a Notice of Work for detailed diamond drilling and bulk sampling at the **Valentine Mountain Property** beginning December 11.
- **Boliden-Westmin Myra Falls Operation:** J. Houle visited the Lynx Pit and reviewed exploration drillcore from the Ridge West Zone, including a spectacular intercept from LX10-2045, which yielded 20.9m @ 2.5g/t Au, 138.3g/t Ag, 1.90% Cu, 2.03% Pb, 18.67% Zn; The Lynx Pit appears to be mined out, and it is planned to extract the downplunge extension via a ramp from the pit floor; the Lynx Pit proved to be a windfall for the Myra Falls Operation in 2000, surpassing expectations in both tonnage mined and recovered grades, particularly in precious metals.

**Professional Development:**

- **CIMM Georgia Strait Branch Technical Presentation:** J. Houle acted as guest speaker at Campbell River on December 4, presenting "Strategy for Renewed Exploration on Vancouver Island"; about 15 individuals attended, about half of whom were from Myra Falls Operation.
- **Mid-Island Geoscape Workshop:** Two day workshop with local and GSC representatives at Malaspina College in Nanaimo was deferred until the new year due to scheduling conflicts.

Jacques Houle, P.Eng.  
Regional Geologist, Southwest B.C.



**Schroeter, Tom EM:EX**

TGS → RG  
Namerimo

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, April 06, 2001 12:22 PM  
**To:** Hall, Ted EM:EX  
**Cc:** Carriere, Greg EM:EX; Randall, Alf EM:EX; Reid, Bruce EM:EX; Jakobsen, Dorthe EM:EX; Taje, Eddy EM:EX; Wishlow, Wayne EM:EX; Smyth, Ron EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Brown, Derek EM:EX; Massey, Nick EM:EX; Cathro, Mike EM:EX; Lane, Bob EM:EX; Wilton, Paul EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Pinsent, Robert EM:EX  
**Subject:** Houle Weekly Report for March 30 - April 6, 2001  
**Sensitivity:** Confidential

**Client Activity:**

- **Newmex Privateer Au-Ag Project, Zeballos Area:** Contact received from A. Aichmeier that both surface and underground exploration projects will proceed in 2001 with approved budgets; Newmex has also acquired a 70% interest in Sulphur Corporation of Canada Inc. from an affiliated company, which should assure future cash flow from operations to Newmex; Newmex also has a new website (<http://www.newmex-minerals.com/>) which has some data on the Privateer Project.
- **Commerce Resources Sunro Cu-Ni-Co-PGE Project, Jordan River Area:** Contact established at KEGS in Kamloops with Dave Heyman and Ikkee Battle of Commerce, who are focusing primarily on the Blue River tantalum-niobium project in 2001, but will visit and undertake preliminary work only on the Sunro Project; a corporate brochure was recently obtained from Commerce, who also have a website (<http://www.commerceresources.com/s/Home.asp>) which has some data on the Sunro Project; the project summary compares the mineral deposit model for Sunro to Lynn Lake (Manitoba) and Voiseys Bay (Labrador) deposits.
- **Chapman/Carlson Cogburn Cu-Ni-Co-PGE Project, Harrison Lake Area:** Data package received on CD from John Chapman; including a property summary report and miscellaneous other PGE data; copies available from John Chapman (604-536-8356); the Cogburn Project is being marketed for option or joint venture at this time.
- **Santoy Resources Emory Creek Cu-Ni-Co-PGE Project, Harrison Lake Area:** Data package received from booth at KEGS, which includes link to website (<http://www.bmts.bc.ca/san/>); preliminary exploration is planned for 2001.
- **Harrison Lake PGE Staking Update:** New claim maps were obtained from Mineral Titles in Vancouver, and show continued new staking activity east of Harrison Lake; an update to the compilation map in Corel to be completed.
- **Eagle Plains Harrison Gold Project, Harrison Lake Area:** Contact established at KEGS with management team of Eagle Plains, consisting of Tim Termuende and Chuck Downie, who visited the Harrison Gold property on April 2; preliminary work being planned for 2001.
- **Cream Minerals Raven Co-Zn-Au-Ag Project, Nootka Island:** No significant mineralization allegedly found during field inspection of airborne geophysical anomalies completed in early 2001; future plans for Raven undisclosed at this time.
- **Priority Ventures Dove Creek Coal (Bed Methane?) Project, Courtenay Area:** Notice of Work submitted and referral notices issued for coal exploration drilling project; contact established with management team at KEGS, consisting of Neil Swift, Bill Nichols and Gwyneth Cathyl-Bickford; a corporate brochure was obtained from them, which describes their "Vancouver Island Natural Gas Play", and identifies their website (<http://www.priority-pvs.com>).

**Ministry Projects:**

- **KEGS Conference, Kamloops, April 3-4:** Clockwork-organized, well-attended conference; southwest regional poster display received little attention, assumed due to superior nearby displays by prospectors, but southwest regional presentation well-received; mining companies very quiet; many prospectors are counting on Prospectors Assistance Grant Program to be renewed in 2001; coast hockey team played hard and well,

**Schroeter, Tom EM:EX**

TGS → RG  
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**From:** Houle, Jacques EM:EX  
**Sent:** Thursday, July 05, 2001 4:57 PM  
**To:** Hall, Ted EM:EX  
**Cc:** Carriere, Greg EM:EX; Randall, Alf EM:EX; Reid, Bruce EM:EX; Jakobsen, Dorthe EM:EX; Taje, Eddy EM:EX; Wishlow, Wayne EM:EX; Pinsent, Robert EM:EX; Cathro, Mike EM:EX; Lane, Bob EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX; McArthur, Gib EM:EX; Brown, Derek EM:EX; Lefebure, Dave EM:EX; Massey, Nick EM:EX  
**Subject:** Houle Weekly Report for June 30-July 5, 2001

**Prospectors Assistance Program:**

- **Jeffery Bucove P.15 Leech River Area Au Project Update:** Analyses received from select vein grab sample from May 31 yielded low values in all metals and possible indicators, clearly suggesting an alternate source for placer gold found downstream; more prospecting and sampling required by Jeff here, possibly utilizing mult-media with help from GSB.
- **Murray Halliday P.75 Hope Area PGE Project Update:** Field visit scheduled to Hope area occurrences planned July 10-11, primarily to help Murray focus on economic targets, and to get staking when/if he finds something. Concurrent field visits or meetings tentatively planned with both Robert Pinsent and Chris Ash during the same trip.
- **Dan Epp P.17 Bella Coola Area Porphyry/Skarn Cu-Mo-Au Project Update:** Field visit scheduled with Tom Schroeter to Bella Coola area occurrences August 20-22 in conjunction with field visits with both Larry Diakow and Dave Lefebure during the same trip, as well as possible site visits to Nifty and Keen VMS showings (MINFILE 092D 006, -007).
- **Peter Ronning P.102 Narrows Inlet Area VMS Project Update:** Contact finally made with Peter, who is planning a 2 phase approach for his project, with phase 1 in early August and phase 2 in September; a field visit is tentatively planned during the second phase.

**Mineral Exploration Activity:**

- **Strong/Dyke Jordan River DS Gabbroid? Cu-Ni-Au-Ag-Co-Cr (PGE's I wish!) Property Update:** Visit completed to trenched occurrence on July 4 with Nick Massey, who provided insights regarding the regional setting for the spectacular yet enigmatic mineralization; clients are seeking a geological consultant to assist in planning and executing fieldwork, probably consisting of gridding, trenching, mapping and ground geophysics.
- **Commerce Resources Jordan River Sunro Cu-Ni-Au-Ag-PGE Property Update:** Dave Heyman and Len Gal of Commerce Resources acquired from Cominco and are compiling extensive data for the Sunro Mine MINFILE 092C 073, with a visit planned to the site and possibly to the Nanaimo Mines Branch Office on July 6-9; nominal assessment work planned for Sunro Property consisting of rock sampling and geochemistry.
- **Newmex Zeballos Area Privateer Au Property Update:** Analyses received for 12 samples taken on June 12-13 from partially overgrown surface exposures at Golden Gate - MINFILE 092L005, mineralized lime silicate in a creek bed exposure near Hidden Valley - MINFILE 092L007, and new/interesting underground exposures on 1100 Level at Privateer (MINFILE 092L008); Golden Gate selected vein grab yielded 25.8 g/t Au, and vein chip yielded 1.5 g/t Au over 0.3m.; Privateer active drift face on 2-3 vein yielded >100 g/t Au, 3.4% Zn, 46.9 g/t Ag over 0.2m.; much higher base metals at depth (Privateer) than up high (Golden Gate) may suggest low sulphide epithermal zoning; biotitic lime silicate exposures at surface and in the mine both yielded somewhat elevated values in Sr and Ba; return visit planned with Tom Schroeter August 14-15.
- **Baas/Mogg/Burns Cowichan Lake Area Properties Update:** Analyses received for 2 samples taken on June 7 from a small adit and on a quartz-sulphide vein near Gold Dyke - MINFILE 092C150 yielded elevated values in base and precious metals, plus over 2.5% Hg in one chip sample! A single sample taken from a massive pyritic zone in feldspar porphyry near Archer - MINFILE 092C 064 yielded elevated values in Ag, Sr and Hg.
- **Francis Rock Cu-Pb-Zn-Au-Ag/Jasper/Travertine Project, Chemainus Area:** Analyses received for 3 samples from June 6 over quartz-sericite-pyrite schist and quartz-chlorite-stockwork mineralization located immediately northwest of Falconbridge's former Chemainus Joint Venture Project in Sicker Group volcanics/volcaniclastics; results show elevated Zn, Ag and Mn in all samples, with the stockwork also showing elevated Mo, Ni and Co; suggesting a possible Besshi VMS model.

**Ministry Activity:**

**Regional Geologists' Annual Meeting in the Harrison Lake Area October 16-18, 2001:** Tentative plans made to hold the annual R.G. meeting and accompanying field trips in the Harrison Lake Area, pending availability of key GSB personnel.

**Schroeter, Tom EM:EX**

JS → RG  
- Nanaimo

**From:** Houle, Jacques EM:EX  
**Sent:** Friday, June 29, 2001 2:14 PM  
**To:** Hall, Ted EM:EX  
**Cc:** Carriere, Greg EM:EX; Randall, Alf EM:EX; Reid, Bruce EM:EX; Jakobsen, Dorthe EM:EX; Taje, Eddy EM:EX; Wishlow, Wayne EM:EX; Cathro, Mike EM:EX; Lane, Bob EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Smyth, Ron EM:EX; Lefebure, Dave EM:EX; Brown, Derek EM:EX; Massey, Nick EM:EX; McArthur, Gib EM:EX; Pinsent, Robert EM:EX  
**Subject:** Houle Weekly Report for June 16-29, 2001

**Prospectors Assistance Program:**

- **Mikkel Schau P.91 Vancouver Island PGE Project Update:** Kringle claim staked to cover the Cu skarn occurrence discovered in 2000 along Highway 19 near Sayward, which yielded 2.17% Cu; additional sampling completed on Flan claim staked in 2000 to cover Epithermal Au occurrence on Schoen Creek, which yielded 61 g/t Au; tentative visit to Flan and Kringle planned August 15.
- **David Houghton P.6 Harrison Lake PGE Project Update:** Work on Jason claims planned July 1-27 may include contract ground geophysical work by Geotronics; tentative visit to Jason planned July 9-12.
- **Murray Halliday P.75 Hope PGE Project Update:** Prospecting ongoing, with Murray spending time on tenured ground and yet reluctant to commit to staking claims of his own; possible pegmatites located; tentative visit to Hope area occurrences planned July 9-12.

**Mineral Exploration Activity:**

- **Paul Demontigny Bamfield Mont 2 Property Update:** Visit completed with Paul and Steve Demontigny on June 22 to Bamfield area including Mont 2 Property, which covers sporadic pyrite-chalcopyrite mineralization in variably altered quartzites of the Paleozoic/Mesozoic Westcoast Complex near Jurassic Intrusions exposed in forestry roadcuts and quarries; Au quartz veins are being targeted, but the region and the property appear highly permissive for porphyry Cu-Mo-Au, and epithermal Au-Ag targets based on field observations and data on MINFILE's 092C 082,-083; 6 selected outcrop grab samples were taken for multi-element analyses; Paul Demontigny was a P.A.P. applicant in 2001, but was not selected for a grant.
- **Chris McInerney Bamfield AXMN Property Update:** Visit completed with Demontigny brothers on June 22 to AXMN Property located 10 km north of Mont 2 Property; narrow, vertical qtz-py-cp vein in Jurassic Bonanza volcanics exposed in a forestry pit was sampled (2 samples) for multi-element analyses.
- **Homegold Powell River Duck Lake Kaolin-Germanium-Gallium Property Update:** Notice of Work submitted for a small drilling program to obtain samples from the Lang Bay developed prospect MINFILE 092F 137; approval pending.
- **Commerce Resources Jordan River Sunro Cu-Ni-Au-Ag-PGE Property Update:** Dave Heyman and Len Gal of Commerce Resources to visit Sunro Mine MINFILE 092C 073 with Mines Branch personnel, and possibly to the Nanaimo Mines Branch Office on July 5-6; nominal assessment work planned for Sunro Property consisting of rock sampling and geochemistry.
- **Strong/Dyke Jordan River DS VMS? Property Update:** Visit planned with Nick Massey to trenched occurrence on July 4; assistance provided to Rick Strong in selecting a contract geologist to help plan and undertake field work at DS.
- **Bill Child Thetis Island Stonemasonry Update:** Visit completed to Bill Child's Thetis Island Stonemasonry Workshop sites and Nanaimo Group sandstone quarry sites on June 27; geology advice provided for teaching video: Stonemasonry 101 in progress; two minor dormant quarry sites visited and sampled (neither in MINFILE), both exploiting probable De Courcy Formation sandstone outcrops; anticline identified in the field confirmed in MapPlace suggests potential extension of good sandstone material south of one of the existing quarry faces; variations in "good" and "bad" sandstone appears determined by quartz content >75%=good and biotite content >15%=bad; Introduction to Stonemasonry video provided by Bill filed in Nanaimo Office library.

Lang Bay

**Ministry Activity:**

- **Exploration and Mining in B.C. - 2000:** Extra copies of the current publication received from Victoria and Kamloops (thanks!) forwarded to selected clients by Eddy Taje, and to regional staff who had yielded their copies to the Malaysian delegation.
- **Exploration and Mining in B.C. - 2001:** Regional Geologists keen to use Dorthe's draft template and instructions for both Part A and Part B articles; Part B authors to submit abstracts by January 1, 2002 and completed manuscripts by February 1, 2002; style and abbreviations guidelines in digital format yet to be located, but a copy of

- Van. MB

## Schroeter, Tom EM:EX

*John → Ray, Myr  
- Nanaimo*

**From:** Hall, Ted EM:EX  
**Sent:** Friday, July 06, 2001 1:14 PM  
**To:** Hall, Marlene EM:EX; Adams, Rick; Anderson, Duane; Bergen, Wally; Beswick, Ed; Booth, Richard; Carr, Chris; Carriere, Greg; Carter, Tom; Cheetham, Pat; Cochrane, Marlene; Conte, Rick; Curtis, Ross; Errington, John; Finvers, Maija; Forster, Patti; German, Gerald; Guthrie, Shelley; Hermann, Fred; Hesketh, Joan; Hoffman, Al; Houle, Jacques; Jakobsen, Dorthe; Jansen, Penny; Jorgensen, Sharon; Koncohrada, Karen; Lefebure, Dave; Lewis, Jim; Lieutard, Denis; Logan, Claudia; McArthur, Gib; McKillop, Greg; McLaren, Graeme; Munzer, Rosa; O'Rourke, Patrick; Phelan, Bill; Pinsent, Robert; Puggioni, Giovanni EM:EX; Randall, Alf; Readshaw, Kerry; Reid, Beth; Reid, Bruce; Rennie, Lorna; Schmitt, Rolf; Schroeter, Tom; Sedun, Thom; Smyth, Ron; Starkes, Terri; Stewart, Linda; Taje, Eddy; Whale, Andrew; White, Don; Wishlow, Wayne  
**Subject:** Southwest Region Update - July 6, 2001

### ISSUES:

- An application to OGC for geothermal drilling in the Pemberton area seems to be falling into a regulatory vacuum, as neither OGC or Mines Branch has legislated authority to approve the drilling. It is intended that OGC Fort St. John staff will carry out the technical review of the application, and Mines Branch and Aboriginal Relations Branch are being approached to assist them by doing front-end public and First Nations consultation. Process for final sign off is yet to be determined.
- MWLAP have advised that they intend to formally request clean-up of alleged metal leachate contamination from the old Sunro Mine property on the Jordan River. This approach is in response to public pressure to do fish habitat enhancement work, as part of a BC Hydro Water Use Plan for the river. Sampling by BC Hydro has indicated elevated copper levels downstream of the mine, but the source of the contamination has not been confirmed. Meanwhile, Commerce Resources Ltd., who recently purchased the Sunro property from Cominco, are planning nominal assessment work this summer, including rock sampling and geochemistry. Regional staff have been keeping Commerce Resources informed about the Water Use Plan and related potential liabilities.
- Priority Ventures have advised that reclamation security documents will be hand delivered to the regional office today. Assuming the documents are in order, the permit will be issued this afternoon and drilling on the Dove Creek coal property near Comox will commence on Saturday.

### UPCOMING PRIORITIES:

- Boliden Westmin will be presenting their fisheries compensation plan for the Myra Falls seismic tailings dam upgrade, as well as an application for a new paste tailings backfill system, to the VIMDRC on July 9th in Nanaimo.
- The BC Museum of Mining in Britannia has tentatively scheduled a meeting of stakeholders for July 12th, to discuss the development of a public display and research centre at the Britannia Mine, to coincide with the planned environmental remediation project at the mine. I would like to see MEM contribute to the development of an educational display on metal leaching and acid rock drainage, and hope to draw on our ARD experts in the Reclamation Section for assistance (how 'bout it John, Kim, Gregg, Bill and Russ??).
- A meeting of the LMMDRC has been scheduled for July 18th in Abbotsford to discuss the proposed Judson Lake gravel dredging project. This project raises jurisdictional issues due to the cross-boundary location of the lake, therefore federal and Washington State officials will be participating in the meeting and ongoing review.

*Ted Hall*

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Schroeter, Tom EM:EX

TGS → RG  
Nanaimo

**From:** Houle, Jacques EM:EX  
**Sent:** Thursday, November 08, 2001 4:08 PM  
**To:** Hall, Ted EM:EX  
**Cc:** Carriere, Greg EM:EX; Jakobsen, Dorthe MSRM:EX; Randall, Alf EM:EX; Reid, Bruce EM:EX; Taje, Eddy EM:EX; Wishlow, Wayne EM:EX; Cathro, Mike EM:EX; Lane, Bob EM:EX; Terry, David EM:EX; Wojdak, Paul EM:EX; Schroeter, Tom EM:EX; Pinsent, Robert EM:EX; Smyth, Ron EM:EX; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Brown, Derek EM:EX  
**Subject:** Houle Weekly Report for November 2-8, 2001

**Prospectors Assistance Program:**

- **Gary Thompson P.14 Sooke Area Cu-Ni-PGE Project Update:** Gary has been busy all summer consulting on Coal Bed Methane work primarily in the US, but will complete his final week of PAP fieldwork shortly; he has only been able to find weakly anomalous Cu values in geochem work so far, but has found chalcopyrite and native copper mineralization in his project area, and has staked 6 claims in 2 groups west of Sooke, consisting of the Soog and Brenda properties.

**Mineral Exploration Activity:**

- **Commerce Resource Corp. Jordan River Area Sunro Cu-Ni-Sc?? Project Update:** Dave Heyman of Commerce indicated that geochem. sampling from the Sunro property MINFILE 092C073 yielded low PGE values, but allegedly elevated Sc (Scandium) values in the 60-100 ppm range; note market values for Sc metal are in the US\$250/g range; Commerce is specializing in rare commodity projects (ie. Verity and Fir Ta-Nb-P projects) and Sunro may just be another; a geochem. report by Jody Derouge of Commerce for 2001 work at Sunro is expected shortly; Commerce has also been investigating Cu-Ni-PGE occurrences in the Sooke area, using proprietary regional data obtained from Cominco as part of the Sunro data purchase; note this activity may have been the source of recent rumours regarding a 'new' PGE discovery in the Sooke area, even though there are seven MINFILE occurrences of the Tholeiitic intrusion hosted Ni-Cu type in the area (092B007-011incl., -065, -066), one of which, the Willow Grouse 092B010 is list as a past producer of numerous metals, including Pd.
- **Beau Pre Explorations Sooke Area Valentine Mountain Au Quartz Vein Project Update:** Bob Beau Pre indicated that the Micronex plant will be moved to a Sooke area warehouse by the end of November and tested prior to mobilizing it to the Valentine Mountain site; Andris Kikauka has commenced geochem. sampling of surface showings in new roadcut on the Valentine Mountain property MINFILE 092B108; a 2 hole, 600m. exploration drilling program is still planned for Nov-Dec, 2001; if interest exists, a 1/2 day field visit to see the Valentine Mountain trenches and the Micronex plant may be possible for the Regional Geologists on Nov. 21-22 while in Victoria.
- **SYMC Resources Mactush and Dauntless Porphyry/Skarn Cu-Au-Ag Project Update:** Herb McMaster indicated that an agreement has been reached with Sumitomo Mining of Japan to accept a single 5000 tonne shipment of skarn copper ore from the old dumps at the Dauntless property MINFILE 092F168; plans include backhoe extraction and barge shipment to Pt. Alberni, pending receipt of a work permit; trenching and diamond drilling is still planned for the Dauntless property in Nov-Dec; early 2001 drill core from the Fred, Dave etc. Au Quartz Veins on the Mactush property MINFILE 092F012 is still not completely logged and sampled; a summary report by consultant Bob Davey is expected shortly.

**Government/Ministry Activity:**

- **Regional Geologists Exploration Review:** Progress made on regional geology presentation for Nov.22 in Victoria, with much yet to do; received and installed Adobe Acrobat 5.0 to help with map production.
- **B.C. Mineral Exploration Review 2001:** Continued correspondence and commentary with authors for this January 2002 publication.
- **Exploration and Mining in B.C. - 2001:** Progress made on editing contract and related correspondence for this April 2002 publication.
- **MDRU Short Course on PGE Deposits:** Submitted request to attend, and registration for, this 2 day short course immediately prior to Cordilleran Roundup on January 21-22 in Vancouver.

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