

Lang Bay
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884778
92F037

TOS → RF
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Schroeter, Tom EM:EX

From: Houle, Jacques EM:EX
Sent: Friday, April 05, 2002 9:43 AM
To: Hall, Ted EM:EX
Cc: Carriere, Greg EM:EX; Jakobsen, Dorthe SRM: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; Lefebure, Dave EM:EX; McArthur, Gib EM:EX; Brown, Derek EM:EX
Subject: Houle Weekly Report for March 29 - April 5

Industry Activity:

- **Boliden-Westmin Myra Falls Operation Update:** Mining and milling operations resumed at the Myra Falls massive sulphide mine on March 23, with a reduced workforce and milling rate of 3100 tpd; the former Chief Geologist, Ivor McWilliams, is now Mine Superintendent, Finlay Bakker is acting Chief Geologist, and several mine geologists left the mine during the 4 month shutdown to find work elsewhere, leaving a vacancy which they are trying to fill; Exploration Geologist Sean McKinley has been re-assigned to Mine Geology, and no exploration is planned at the mine by Boliden in 2002 as part of the fiscal restraint program aimed at achieving profitability by the third quarter of 2002; to preserve capital, the mine has reached an agreement with Outokumpu to lease and operate a new paste backfill plant at Myra Falls; the Myra Falls Operation is still looking for custom high grade sulphide mill feed (delivered) to meet their 4000 tpd mill capacity, and is also still for sale by Boliden.
- **Shearer/Lehigh North Vancouver Island Update:** Jo Shearer of Homegold and Ron Savelief of Lehigh Cement are investigating new opportunities in North Vancouver Island for both industrial minerals and precious metals; advice was provided to them on geophysical data compilation options for both target types; several new claims were staked in the area between the former Island Copper Mine and Hushamu/Red Dog prospects, as Moraga/BHP allow claims to lapse; In 2002, a 2000 tonne bulk sample of magnetite ore is planned from Shearer's Iron Ross property near Sayward; and a 600 meter drilling program is planned targeting kaolinite at the Pem 100 project on the Apple Bay property near Port Hardy; work is also planned at the Lang Bay germanium-gallium project near Sechart.
- **Jun Benaventura South Coast Area Granite Inquiry:** Advice provided to Singapore-funded group through Surrey-based contact Jun Benaventura regarding possible granite dimension stone opportunities in the South Coast area for Chinese markets; ministry website and G.S.B. contacts and information provided, along with competitor information.

Iron
Ross
Pem 100
Lang Bay

Government/Ministry Activity:

- **Southwest B.C. Property Listing Update:** The islands portion of the property listing will be completed today and copies brought to KEGS for distribution to clients; the MapPlace/Minfile/MiDA based listing will be very useful for identifying both client acquisition opportunities and for developing a systematic exploration activity forecast system for the region.
- **KEG Conference April 8-12 Update:** Preparations being completed today for KEG conference presentations April 9-10; Geochemistry short course being taken April 11-12.

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Schroeter, Tom EM:EX

TGS → RE
- 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 Haughton 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

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Schroeter, Tom EM:EX

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From: Houle, Jacques EM:EX
Sent: Friday, June 08, 2001 3:43 PM
To: Hall, Ted EM:EX
Cc: 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; Brown, Derek EM:EX; Massey, Nick EM:EX; McArthur, Gib 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 June 1-8, 2001
Sensitivity: Confidential

Prospectors Assistance Program:

- **David Pawliuk P.16 PGE Exploration, Zeballos Area:** Tentative plans made to visit Dave Pawliuk in Zeballos on June 12-13, 2001 in conjunction with visit to Newmex's Privateer Project; David began his field project on June 7, and may have some consulting work with Newmex on the Privateer Project as well during the summer.
- **Gary Thompson P.14 PGE Exploration, Sooke Area:** Field project start deferred from June to July due to a suddenly acquired consulting contract in June.

Mineral Exploration Activity:

- **2001 Activity Forecast:** First pass completed on forecast, with 31 active exploration projects totaling about \$6.5 million (\$3 million in 2000) anticipated in the SW Region for 2001, of which 15 could exceed the major project threshold of \$100,000 in expenditures (there were only 3 major projects in 2000!); additional major industrial mineral projects planned as follows:
 - **Homegold Resources Lang Bay Germanium-Gallium Project, Powell River Area:** \$200,000 expenditures planned, pending acquisition of a partner.
 - **Paul Watt Matrix 1 Dimension Stone Project, Abbotsford Area:** \$150,000 expenditures planned, including 10,000 tonne bulk sample.
 - **Rock of Salvation "Salvation" Talc-Magnesite Project, Lytton Area:** \$250,000 expenditures planned, including stripping, trenching and product testing.
 - **Tilbury/Electra/Homegold (PEM100) Silica/Kaolin Project, Port Hardy Area:** \$100,000 expenditures planned for quarry development, pending resolution of potential ARD issue.

new
new
Zeballos
Nartish
Chemainus

Newmex Privateer Au Project, Zeballos Area: Tentative plans made to visit underground workings and surface grid areas of Privateer project on June 12-13, 2001; spectacular gold samples have recently been extracted from the 3A Vein underground workings; Newmex has indicated that they may be looking to sell or find a partner for the Privateer Project.

SYMC Mctush Cu-Zn-Mo-Au-Ag Project, Port Alberni Area: Press release made on June 7 by SYMC regarding trench bulk sample results and the status of diamond drilling of several Au-Ag-Cu-Zn bearing quartz veins on the Mctush Project; a 50 lb. composite bulk sample from trenching yielded head grades of 0.425opt Au, 1.74opt Ag, 0.05% Cu and 3.1% Zn.

Alan Francis Rock Cu-Pb-Zn-Au-Ag/Jasper/Travertine Project, Chemainus Area: Site visit made June 6 with prospector/owner Alan Francis of Nanoose Bay to undocumented showings of pyrite-sericite schist, possible sulphidic exhalite, jasper and travertine hosted by Paleozoic Sicker Group volcanics and located 10km northwest and along strike of the Lara developed prospect (Minfile 092B 129), immediately northwest of Falconbridge's former Chemainus Joint Venture Project (re. Falconbridge files from Vancouver MDO?); 5 select grab samples taken for multi-element analyses, including 2 for cutting and whole rock analyses (jasper and travertine); numerous large unreclaimed trenches created by a previous owner exist in the pyrite-sericite schist showings; spectacular exposures of jasper have minor trenching by a previous owner; travertine showing is of possible dimension stone interest; also, open shaft discovered by Mr. Francis along River Road near Chemainus.

- **Wayne Baas Akunamatata Au-Ag-Cu-Pb-Zn Project, Cowichan Lake Area:** Site visit made on June 7 with prospector/owner Wayne Baas of Cowichan Lake to the site of an existing manual hobby mine extracting sulphidic quartz dump material from outside an old exploration adit which could be at or near the Gold Dyke showing (Minfile 092C 042); the adit is open and extends horizontally from a hillside for about 10 m. ESE with a crosscut of 5m. and a caved and flooded winze near the portal apparently driven on vein at an inclination of 50 degrees SSW; the 2m. thick polymetallic quartz-chalcopyrite-sphalerite-galena vein tested by the adit appears to be truncated by a fault along the crosscut; the workings are allegedly date from the time of the Crofton smelter, and material may have been hand-cobbed for visual copper content and shipped to Crofton; the vein is hosted in probable Jurassic Bonanza