

Sun (Princeton, Zeolite)

888313



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

MEMORANDUM

200, 2985 Airport Drive, Kamloops, British Columbia V2B 7W8 Telephone: (604) 828-4566 Fax: (604) 828-4726

To: Rick Meyers
Regional Manager
Land Management and Policy Branch, Kamloops

MONTHLY REPORT - August, 1994

by

Moira Smith, South-Central District Geologist

705 → 10-Kamloops
SEP 08 1994
Mineral Survey Branch
10/1/94

EXPLORATION HIGHLIGHTS

SW
Canmark has finished a 10 hole drill program at their Sun zeolite claims south of Princeton. This effort, combined with a 10 hole program last year, has proven up 4.5 million tonnes of zeolite with an average CEC of 116, maximum of 135, and cut-off grade of 100. They have a roughly 8 million tonne indicated reserve, and a 28 million tonnes based on geologic considerations. The deposit is approximately 15 metres thick, and relatively uniform in composition. Cut-off grade was originally determined by sampling five foot intervals of the drill core, until visual criteria were established for estimating grade, after which sample were only taken at the margins. They intend to start a 10 000 tonne build sampling projects in late fall. The material will be crushed to <3" on site and transported to offsite facilities for further processing. This is very high quality material and ought to compete favorably with anything produced in the United States.

Princeton Mining Company announced they have arranged financing of 7.1 million dollars, including 1.5 million for advanced exploration at Similco. In addition to the Alabama zone drilled earlier this summer, they have finished roughly one third of their drill program in the Ingerbelle East area, with encouraging results. The AMEP-funded program is intended to upgrade a geological reserve of 21 million tonnes of 0.35% Cu to mineable reserves, and to test for mineralization in nearby areas.

Goldstream Mine continues to have a productive summer in terms of both exploration and production. Combined high copper prices and high copper % in the orebody have given Bethlehem/Goldnev two of the best months in recent memory. Down dip drilling on the orebody has so far revealed some "surprises" - one area where they expected high copper grades was disappointing, while another hole drilled to define the outer margin of the ore body yielded much better than expected results. They have established a grid on the C-1 zone, an area of mainly Pb-Zn mineralization 10 km west of the mine, in roughly the same stratigraphic horizon. They expect to drill the C-1 zone, as well as a few holes between it and the mine, some time this fall.

Bralorne Pioneer Gold Mines Ltd. announced that a drill program at Bralorne will begin in early September, as part of their agreement to acquire 50% interest in the property from Avino Mines. Avino submitted an application for a mine development certificate in July, and, in an effort to add to known reserves, the proposed drill program will focus on areas previously identified as hosting gold and silver mineralization.



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

MEMORANDUM

444-28/RGE

788 → DG

Geological Survey Branch
MEMPR
1994

2985 Airport Drive, Kamloops, British Columbia V2B 7W8 Telephone: (604) 828-4566 Fax: (604) 828-4726

Kamlog

To: Rick Meyers
Regional Manager
Land Management and Policy Branch, Kamloops

MONTHLY REPORT - September, 1994

by

Moira Smith, South-Central District Geologist

EXPLORATION ACTIVITY

BRALORNE

An anticipated 5000 foot drill program has begun at **Bralorne** on the Peter vein. **Avino Mines** submitted an application to the Mine Development Review Board earlier this summer for plans to reopen Bralorne Mine.

RAINBOW

Teck is nearly finished with an 8 hole, 5000 metre drill program on the **Rainbow** property in the Iron Mask batholith. The objective was to follow-up on earlier encouraging drill results, and try to test the continuity of mineralization found in a drill hole with 61.5 m of 0.7% Cu and 14 m of 0.4% Cu with a 3.5 million ton, 0.65% copper reserve to the northwest. As part of an IPP program, **Teck** is conducting joint research with the GSC to evaluate the effectiveness and suitability of enzyme leach soil sampling on this type of deposit.

Princeton Mining Corporation has completed 9870 feet of drilling at **Ingerbelle East**, with encouraging results. The purpose of the AMEP funded drill program is to further delineate (and hopefully enlarge) a previously defined geological reserve of 21 million tons of .35% Cu. One hole near the southern edge of the proposed pit intersected 156 feet of 1.24% Cu.

BONAPARTE

Claimstaker Resources began shipping stockpiled ore from the **Bonaparte** property to the smelter at Trail. They report assays from this stockpiled material averaging .81 oz/ton Au. Additional bulk sampling is also underway. Claimstaker recently acquired the **Blackdome** property, and have begun work there as well.

SUNDAY CR.

Canmark International Resources Inc. reported that **Phoenix Engineering** has completed a pre-feasibility study on a 1000 tonne per day mining operation at their **Sun zeolite claims** south of **Princeton** (See previous monthly report for details on the geologic resource.). They "anticipate" filing an application for a 10 000 tonne bulk sample in the near future.

Approximately 5000 feet of drilling has been completed at **Valerie Gold Resources Ltd./Sulton Mineral Inc.**' **Cone Hill** porphyry Cu-Au gold property near Fish Lake. Unfortunately, the drilling thus far has identified a sub-economic deposit.

Fairfield Minerals reported that they expect to produce 25,000 oz of gold from 10,000 tonnes of ore at the **Elk Property** in 1994. Further underground exploration is planned for mid-October,

Liquid Gold Resources has begun work on the **Brett Property** near Vernon.