



Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

MEMORANDUM

Geological Survey Branch
MEMPR
1994

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

MONTHLY REPORT - September, 1994

by
Maira 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.

SUNNY
CF

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.



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Geological Survey Branch
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- Kamloops

MONTHLY REPORT - October, 1994
by
Moira Smith, South-Central District Geologist

EXPLORATION ACTIVITY

Fairfield Minerals Ltd. reported that sales from their **Siwash North (Elk)** gold mine will total approximately C\$10 million for 23,000 oz. of gold from 9000 tons of ore in 1994. They are starting a \$1.5 million program of underground exploration, including construction of 1300 additional feet of decline, bulk sampling, and an estimated 140 diamond drill holes. The company also announced a 3000 foot diamond drill program on the **Oka property** southeast of Brenda Mine and the completion of a trenching and sampling program at the **Crest property** west of Brenda Mine. Both are gold targets.

Rainbow

Encouraging news continues to be forthcoming from Teck and Gatchell's **Rainbow Property** in the Iron Mask batholith near the Ajax Mine. The first two holes of the second round of drilling at the Rainbow produced one hole with an 80 metre interval of 0.61% Cu, and another with two mineralized intervals - one of 18 metres of 1.1% Cu, and the other with 92 metres of 0.93% Cu, separated by 50 metres of low grade material. Results from a third hole were released recently, and included 45.4 metres of .8% Cu in an interval averaging .5% Cu over 123.5 metres. Other holes not yet assayed are reported as "well mineralized". The rocks are reported as containing good secondary ksp and a "skarn" type alteration assemblage of epidote, garnet, and chlorite. An "epithermal breccia" is reported from one of the holes. The activity to date earned Teck a 70% interest in the property.

Princeton Mining Corp. will make a decision in the next few months regarding whether to bring the **Ingerbelle East** deposit into production. A favourable decision will reflect well on the Explore BC program! The best intersections reported so far are 131 feet of .62% Cu and .52 ppm Au and 140 feet of .64% Cu. They are presently milling stockpiled ore at a rate of 25,000 tons per day.

Strand Resources recently completed a backhoe trenching program at the **BRX** gold property between Goldbridge and Bralorne. The program defined a 4-metre-wide zone of alteration, with an average of .171 oz/ton Au across this zone. A drill program will attempt to intersect this structure at depth.

Bluebird Explorations Ltd. announced the start of a 2000 foot drill program at the **Yalakom Property**, located northeast of Goldbridge. Prospecting and sampling earlier this summer provided two drill targets; one immediately above the existing adit, and a 50'x1700' alteration zone located north of the adit.