



Province of  
British Columbia

Ministry of  
Energy, Mines and  
Petroleum Resources

# MEMORANDUM

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Geological Survey Branch  
MEMPR 1994

MEMPR

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881257  
Bonaparte

**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.