



Province of  
British Columbia

Ministry of  
Energy, Mines and  
Petroleum Resources

# MEMORANDUM

MINERAL RESOURCES DIVISION

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**TO: Rick Meyers**

**FROM: Mike Cathro**

**RE: SOUTH-CENTRAL REGION MONTHLY REPORT for the period  
Aug. 1 to Sept. 29, 1995**

## HIGHLIGHTS:

Good size drilling programs underway or imminent at **Spokane** (Rex Mountain), **Getty** (Krain), **Blackdome**, **Lac La Hache**, **Cottonbelt** and **Rainbow** projects.

*Lac La Hache*  
I helped Robin Whiteaker (Summer Student - Youth Employment Program) start a mapping project for his BSc thesis at UBC. His study area includes a portion of the **Ann** claims near Lac La Hache (Regional Resources/GWR Resources) which include porphyry-style Cu-Au and vein-type Au-Ag mineralization hosted by altered Nicola volcanics and syenite/diorite. Jim Mortenson is the advisor and the study will also involve petrology, whole rock geochemistry, U-Pb dating and Pb-Pb analysis. To help support the work, LMPB provided a few days field time, room and board in the field, and will pay for a small amount of analytical work. We plan to co-author a paper for Fieldwork (1996?).

*Bralorne*  
New vein discovery ("**Maddy zone**") reported for the **Bralorne** project. 13 trenches have been dug with good results for the first assays. The project is advancing fairly smoothly with the tailings, reclamation and mine plan applications submitted this month.

*Zeolite*  
An application to develop the **Z-1** and **Z-2** zeolite deposits near Cache Creek was received from Mountain Minerals Co. Ltd. They propose to mine 8000 to 9000 tonnes per year from each pit and ship the material to Alberta for processing.

Bad news was received on the **Elk (Siwash North)** project. After drilling several hundred underground drill hole this year, Fairfield has decided to remove the pumps and services and let the workings flood. Although the company has not yet disclosed this decision in a news release, it seems to signal that they consider the existing underground reserves to be uneconomic at current prices. Fairfield continues to evaluate several other nearby targets for open pit mining.

## EXPLORE BC PROPERTY VISITS:

*Lac La Hache*  
**Lac La Hache.** During August and September, I made two visits to this large skarn/alkalic porphyry property in the Quesnel trough, which is being explored by Regional Resources/GWR Resources. The property contains numerous copper-gold showings which occur near a large aeromag anomaly. The original showings were discovered in the 1960's and have been explored over the years by Coranex, Amax, Craigmont, Asarco and others. The **WC (Spout Lake)** skarn (MF 92P 108) is the most

advanced prospect with a possible reserve reported of 595,000 tonnes grading 1.79% Cu, 0.12 g/t Au and 50.5% magnetite.

At **Nemrud** (MF92P003?, 109?), rare bornite and trace chalcopyrite (but no pyrite) are associated with epidote-calcite zones in garnet-diopside skarn approximately 1 km west of the margin of the Takomkane Batholith. The protolith is shallowly-dipping limy siltstone/tuff which is interbedded with andesitic flows and volcanoclastics (UTr Nicola). Regional drilled 1000 m in 14 holes here in early 1995. Results were poor, with the best intersections being 0.4% Cu and 0.1 g/T Au over a metre or two. The company has now completed a few more holes to test the easterly down dip extension of the zone, and visual results are disappointing.

The **Ann** claims south of Peach Lake are more interesting. Two mineral occurrences were examined here. The "**Aurizon zone**" (no MF#) was discovered by GWR Resources in 1994 and is a precious metal target associated with a reddish quartz-eye porphyry dyke. A late 1994 drill hole returned up to 11 g/t Au over 3.8 m. About 2 km west a road cut at the **Ophir copper zone** (no MF92P002?, 034?) exposes crowded feldspar porphyry with pervasive k-spar alteration, magnetite veining and copper staining. This prospect does not appear to have been drill tested.

The **Murphy** claims to the south host similar porphyry-style mineralization at the **Miracle-Murphy zone** (MF92P034?, 035?). GWR drilled 11 holes here in late 1994 to test a large chargeability anomaly. Most holes returned only anomalous results although a couple hit wide intercepts grading around 0.2%Cu and 0.2g/t Au. To the north at the **Peach Melba zone**, a linear IP-chargeability anomaly overlies strongly disseminated pyrite in k-spar, epidote +/- albite? altered Nicola. Drill hole 95-2 hit 77.4m grading 0.23% Cu and 0.23 g/t Au but appears to have been drilled parallel to the regional structure and the trend of mineralization. Regional Resources plans to follow up with a fence of drill holes here in the next few weeks. In general, the Spout Lake-Peach Lake area has little outcrop and lots of interesting copper showings which have been incompletely tested. A significant porphyry Cu-Au deposit may be lurking in the area!

*lots of hard work  
by JCS*

#### PROSPECTORS ASSISTANCE PROGRAM VISITS

I spent Sept 8 in the field with **Denis Delisle** on the Phil claims and adjacent showings (82M/3W, no MF #) in **Onyx Creek** near Shuswap Lake. Denis is prospecting a number of zones of quartz veining and alteration in shale and carbonates of the Eagle Bay Assemblage. He discovered a new set of quartz +/-galena-pyrite veins hosted by dolostone on the east side of the creek (staked as Phil claims). A more interesting showing is a pervasively clay-altered felsite unit cut by a fine network of quartz veins. This looks like a good Au target.

On Sept 16 I visited the **Dipper property** of prospector **Louis Davis** in Lardeau Creek near Trout Lake (82K/11W, no MF #). Louis has overlapping placer and mineral claims to cover good placer ground at the junction of Lardeau and Brown Creeks. He reports up to 1/4 oz/yd of coarse nuggets in places. In addition to the placer work, he is trying to locate

*Cathro, MR. Sep. '95*