

PROPERTY NAME: FRANKLIN CAMP

N.T.S.: 82E/9

OWNER: R. Seraphim  
phone: 224-7309

LAT: 49 34'  
LONG: 118 22'

CLAIMS: The area is covered by a large number of claims, crown grants and reverted crown grants, under a number of different owners. R. Seraphim has an agreement with all these owners, except Hecla, to combine the claims into one marketable package. The Hecla ground is probably available to add to the package. In addition, the Burrell Creek claims (examined in 1989) are still available and could be added to the package.

(see attached claim map)

LOCATION AND ACCESS: The Franklin Camp is located about 65 kilometres north of Grand Forks, at the junction of Franklin and Burrell Creeks. Access is via the North Fork road from Grand Forks, to kilometre 48, and from here to kilometre 25 on the Burrell Creek logging road. At this point, a 2 kilometre access road leads west to the Union Mine and the Sumac heap leach operation. A network of 4 wheel drive roads provides access to other parts of the claims.

SUMMARY OF FIELD VISIT: The Franklin Camp is located on the northern extension of the Republic Graben, and is underlain primarily by rocks of the Permian Anarchist Group. The rocks are preserved as a series of pendants within younger intrusions (Mesozoic and Cenozoic). Three types of mineralization are known in the camp, as follows:

- 1) Base and precious metal bearing quartz veins within Permian Anarchist Group rocks.
- 2) Platinum and palladium bearing chalcopyrite mineralization within or peripheral to a Tertiary? pyroxenite intrusive.
- 3) Skarn mineralization within calcareous units of the Permian Anarchist Group.

The majority of the production in the area (180,000 tonnes) was from the Union vein, mined by Hecla in the 1930's. Work on the Union vein for Pearl Resources, in 1984, concluded that a grade of 1.0-1.5 oz/ton Au would be needed for profitable mining. Reserves of 10-20,000 tonnes at these grades are known on the Union vein system, however the majority of the system is much lower in grade.

Longreach Resources acquired a large block of claims in the Franklin Camp (but excluding the Union workings) in 1986 and carried out a program of geophysics and diamond drilling (1868 metres in 31 holes). The property was then optioned to Placer Dome, who conducted an extensive work program. A 182 kilometre

grid was established, over 5000 soil samples were collected, detailed mapping and sampling was done, magnetometer and VLF surveys were completed, and 1200 metres of drilling (10 holes) was done. Placer's work did not identify any new areas of interest and seemed to suggest that the main potential on the claims is in the precious metal bearing quartz veins, rather than in platinum/palladium or skarn type showings.

A number of exposures of quartz veins were seen on the property on the recent property exam and although gold values do occur in the veins, grades are erratic and the veins tend to be quite narrow. The unattractiveness of the Union vein, which has had considerable testing and development, suggests that other veins on the property are also poor exploration targets.

#### SAMPLE DESCRIPTIONS AND RESULTS:

Only one sample (BCS 18492) was collected during the property exam, from a sulfide bearing (galena + py + cpy?????) quartz vein exposed in a pit on the Banner claim. This sample returned values of 0.187 oz/t Au, 40.3 ppm Ag and > 10,000 ppm Zn and Pb.

#### RECOMMENDATIONS:

Recent exploration on the property has dismissed the possibility of a bulk-tonnage system on the claims. Potential appears to be restricted to narrow precious metal bearing quartz veins. These veins are too small in size and grades are too erratic to make them an attractive target. No further work is recommended.

#### REFERENCES:

Keating, J., 1983. Assessment Report - Geological and Geochemical Survey on the PI 1-3 Mineral Claims. Assessment Report 12,254.

Lisle, T. and R. Seraphim, 1980. Drilling Report on the Spring Group. Assessment Report 9115.

Pinsent, R. and R. Cannon, 1988. Geological, Geochemical and Geophysical Assessment Report on the Platinum Blonde Property. Submitted for assessment 1988.

Walls, J., 1984. Geological and Geochemical Report on the White Bear Crown Grant and Tenderloin (A) Claims. Assessment Report 12,508.

L. Lee  
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