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DEPARTMENT OF MINES AND PETROLEUM RESOURCES

July 3, 1974

Northair Mine

General Progress Report

The Northair Mine is in the Callaghan Creek Valley, about 10 miles west of Whistler Mountain. It is reached by driving along the highway for 26 miles north of Squamish and then 8 miles by gravel road. The last two miles require a four-wheeled drive vehicle.

During 1973, 450 feet of crosscuts and 1,150 feet of drifts were driven. Fifty-three surface diamond drill holes were drilled for a total of 17,299 feet. Thirty-one diamond drill holes were drilled underground for a total of 3,570 feet. Total diamond drilling on the property for the year was 20,869 feet. Magneto-meter, electromagnetic and soil sampling surveys were carried out.

The development work was resumed in the early spring of 1974. The 1,140 feet of drifting on the Warman vein, which was required for the production feasibility study was completed on May 10, 1974. The raises required for the study were then started. A total of 8 raises will be driven through to surface from the 3500 level on the Warman vein and from the 3700 level on the Manifold vein. Besides providing data for the feasibility study, these raises will also be used for stope development. When the raises are completed, drifting will resume on the Warman and the Manifold veins to further develop them for production.

The 3500 level on the Warman vein is about 190 feet below surface. Diamond drill holes have been drilled to cut the vein structure 260 feet below this level. Seven holes intersected ore grade material.

Of the 900 feet of drifting completed to date, over 90 percent is in above ore grade. Vein widths range from a few feet to 16 feet with the approximate average width to date being about 7 feet. Assays range from low grade ore to very high grade ore. Some recent assays returned 3.90 ounces of gold per ton over a true vein width of 8.5 feet.

The West Drift of the Warman vein averaged 6.5 feet in width for a length of 125 feet and averaged 0.55 ounces of gold, 1.0 ounces in silver, 0.5% copper, 2.3% lead and 5.0% zinc. The East Drift of the Warman vein averaged 4.2 feet in width for 38 feet in length.

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*Call Jack in A.M.* 925W012  
**PROPERTY FILE**

The values averaged 0.2 ounces of gold, 0.9 ounces of silver, 0.2% copper, 1.6% lead and 2.2% zinc. In February, 1974, the company estimated that the Warman vein contained some 400,000 tons of ore grading 1.05 ounces of gold per ton plus silver and other metals.


In addition to the Warman Zone, which is the high grade gold zone, there are at least three other zones or veins. The mineralization in each zone is quite different. The Discovery Zone has lead, zinc and copper mineralization, but little gold or silver. The Main Zone has gold-silver mineralization. The Warman vein carries gold, silver, copper, lead and zinc.

At present there is a 25 man crew on the property. The headings are being advanced at the rate of about 450 feet per month. Two load-haul-dump units are being used to transport the broken ore from the raises. The ore is being stock-piled as broken ore reserves for the mill.

The address of the company is:

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DEPUTY MINISTER OF MINES  
& PETROLEUM RESOURCES

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