

## IMPERIAL METALS CORPORATION

## MOUNT POLLEY PROJECT

PROJECT UPDATE

Imperial Metals Corporation, as a project operator, commenced pre-feasibility work on the Mount Polley property this spring. Current activities on the property include environmental study, metallurgical testing, exploration and geotechnical drilling.

PERMITTING

Griffing Consultants Inc. was hired to conduct environmental studies on the project. Data collection on wildlife, surface and ground water quality and hydrology, acid generation, tailings disposal and economic and sociological impact has been ongoing since March.

The project prospectus was submitted to the B.C. Mine Development Steering Committee on June 7. A series of public meetings were held at Williams Lake, Likely and 150 Mile House during the week of June 19. Audiences were very receptive to the project because of the potential for new employment opportunities in the region.

EXPLORATION

J. T. Thomas Diamond Drilling commenced a 9,000 meter program on the property on May 26 and by July 1, a total of 5,660 meters had been drilled in 34 holes. The main objectives of the program are to better define the limits of the pit and to establish the distribution of non sulphide copper in greater detail. A part of the program will consist of condemnation of the possible waste dump site, and of the mill site and tailings disposal sites.

Knight and Piésold Ltd. started geotechnical work on the project on June 14. Currently, geotechnical logging of exploration holes is underway and drilling of geotechnical holes for pit slope design will commence on July 22. Mr. Chuck Brawner will be used as a Specialist Consultant for Knight and Piésold.

METALLURGY

Metallurgical testing of drill core started early in 1989 and by the end of July it will have provided all the necessary parameters for a bulk sample pilot plant test. Coastech Research Inc. has conducted all the investigative testing under supervision of Kilborn Engineering. Two bids are under review for the pilot plant test and preparations for bulk sampling are underway. The commencement of pilot plant testing is planned for early August.

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July 14, 1989

# IMPERIAL METALS CORPORATION

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## NEWS RELEASE

TRADING SYMBOL: IPM (T, M, V)  
FOR RELEASE : June 12, 1989 (604) 669-8959  
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### IMPERIAL METALS COMMENCES MAJOR 1989 PROGRAM AT MOUNT POLLEY

Work which will lead to a full scale feasibility study on the Mt. Polley copper-gold deposit 56 km northeast of Williams Lake, B.C. was recently commenced by project operator, Imperial Metals Corporation. 20,000 feet of close spaced drilling will detail portions of Central and West Zone reserves while a further 10,000 feet of step out drilling will test for additional tonnage west of the Central Zone.

Bulk sample metallurgical test work will follow upon completion of current drilling operations. Environmental and other studies relating to water quality and quantity, acid generation, tailings disposal and economic and sociological impact have been ongoing since April 1989 and will continue through to mill start up. Geotechnical studies scheduled for completion October 1989 will include preliminary design of the open pit slopes, waste dumps and tailings storage facilities. The overall stripping ratio of the orebody, which is entirely open pitable, is 1.9:1.

Indicated reserves presently estimated at 53,000,000 tons grading 0.44% copper and 0.017 opt gold are sufficient to sustain a mine life of 10 years at a processing rate of 15,000 tons per day.

The deposit is held by Imperial Metals Corporation (33.64%) Corona Corporation (38.41%) and other Imperial Metals Corporation Group entities (27.95%).

A project prospectus was submitted to the B.C. Mine Development Steering Committee on June 7, 1989 as the first step in the mine development review process.



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Pierre B. Lebel  
President

# IMPERIAL METALS CORPORATION

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## NEWS RELEASE

TRADING SYMBOL: IPM (T, M, V)  
FOR RELEASE : July 10, 1989 (604) 669-8959  
CONTACTS : Pierre B. Lebel, President  
Eric X. Lavarack, Director, Investor Relations


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### PUBLIC INFORMATION MEETINGS REVIEW DEVELOPMENTS AT MOUNT POLLEY

Imperial Metals Corporation Chairman, Dr. Hugh C. Morris, reviewed development plans for the Company's Mount Polley project during a series of public information meetings held in Williams Lake, Likely and 150 Mile House during the week of June 19th. Audiences were very receptive to the project which may soon open up new employment opportunities in the region. The proposed development is not expected to give rise to any particular environmental concerns. Testing to date indicates that mine tailings are not acid generating and most of the planned mining activities will take place in an area which was recently logged.

Thirty four holes totalling 19,000 feet have now been completed along the edges of the West and Central open pit zones. This drilling is part of a 30,000 foot program primarily designed to better define the outer limits of the property's three open pit zones. Work to be completed by the end of August will include a geotechnical study by Knight and Piesold as well as drill testing of the mill site, waste dump and tailings disposal sites. Results from the first part of the program have been most encouraging and project operator Imperial Metals Corporation will soon present a feasibility study and bulk metallurgical testing program to the Joint Venture for approval.

Mount Polley is held 33.64% by Imperial Metals, 38.41% by Corona Corporation and 27.95% by other Imperial Metals Group entities. Drill indicated reserves are 53,000,000 tons grading 0.44% copper and 0.017 oz/ton gold. Estimated mine life based on current reserves is at least ten years at a mining rate of 15,000 tons per day. Overall stripping ratio is 1.9:1. Capital costs are estimated at \$135 million and operating costs at \$7.00/ton. Recent metallurgical testing indicated plant recoveries of 73.8% for copper and 85.9% for gold at an optimum economic grind of 75% minus 200 mesh from the average estimated mill feed.

  
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Pierre B. Lebel  
President