

MOUNT POLLEY PROJECT

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860522

FACT SHEET

CORPORATE

OWNERSHIP: Imperial Metals Corporation and its affiliates own 100% interest

OPERATOR: Imperial Metals Corporation
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PROJECT DETAILS

1. **PROJECT LOCATION:** Cariboo Region of Central British Columbia, 56 air kilometres (35 air miles) northeast of Williams Lake, B.C.
2. **ACCESS:**
 - 2.1 **Road:** All weather provincial paved road from Williams Lake to Morehead Lake 85 km, then 14 kilometres (9 miles) of gravel road.
 - 2.2 **Rail:** B.C. Rail service to Williams Lake. Williams Lake to Vancouver 546 kilometres (340 miles).
 - 2.3 **Air Access:** Commercial jet service to Williams Lake from Vancouver.
3. **POWER SUPPLY:**
 - 3.1 **Requirements:** 20 MW.
 - 3.2 **Source:** B.C. Hydro

NOTE: Imperial measurements in brackets.

4. GEOLOGY: Alkalic hosted porphyry copper-gold deposit
5. EXPLORATION AND ORE DEFINITION DRILLING: 528 holes for a total of 61,302 metres (201,122 ft)
6. RESERVES:
- | | Million Tonnes | Cu% | Au G/T | Au oz/t |
|--|------------------|--------------|--------|---------|
| 6.1 Geologic: | | | | |
| 6.11 Cut-off 0.25% CuEq | 231.0
(254.7) | 0.26
0.26 | 0.338 | 0.010) |
| 6.12 Cut-off 0.39% CuEq | 105.9
(116.8) | 0.34
0.34 | 0.471 | 0.014) |
| 6.2 Mining, Pit S19:
Cut-off 0.39% CuEq | 48.77
(53.8) | 0.38
0.38 | 0.556 | 0.016) |
7. MINING METHOD: Open pit
- 7.1 Production Rate: 13,700 tonnes (15,000 tons) per day; 5 million tonnes (5.5 million tons) per year
- 7.2 Stripping Ratio: 1.76:1
8. PROCESS PLANT: Crushing, grinding and froth flotation to yield a copper-gold concentrate
- 8.1 Recoveries: Cu 76.3%
Au 80.4%
- 8.2 Concentrate Grade: Cu 25%
Au 37 G/T *Ag ≈ 37 G/T*
9. COSTS:
- 9.1 Capital Cost: \$131,410,000
- 9.2 Operating Cost: \$6.52/T
10. PERMITTING: IMC anticipates to receive approval-in-principle by mid March 1991.

11. DEVELOPMENT SCHEDULE:

- | | | |
|------|-----------------------------|---------------|
| 11.1 | Site Construction Start-up: | July 1992 |
| 11.2 | Production Start-up: | December 1993 |

12. WORKFORCE INFORMATION:

- | | | |
|------|-------------------------|---------------|
| 12.1 | Construction Workforce: | 153 man-years |
| 12.2 | Production Workforce: | 162 employees |

13. MAJOR MINE EQUIPMENT: Quantity

- | | | |
|-------|-----------------------------------|---|
| 13.1 | Rotary Drill, 300 mm | 1 |
| 13.2 | DHH Drill, 150 mm | 1 |
| 13.3 | Cable Shovel, 9.2m ³ | 2 |
| 13.4 | Front end Loader, 9m ³ | 1 |
| 13.5 | Rear Dump Truck, 85 t | 8 |
| 13.6 | Tracked Dozer | 2 |
| 13.7 | R.T. Dozer | 1 |
| 13.8 | Motor Grader | 2 |
| 13.9 | Water Truck, 30,000 l | 1 |
| 13.10 | Sand Truck | 1 |
| 13.11 | Bobcat Loader | 1 |

14. MAJOR MILL EQUIPMENT: Quantity

- | | | |
|------|---|---|
| 14.1 | Gyratory Crusher, 1.07m x 1.65m, 350 HP | 1 |
| 14.2 | Hydraulic Rock Braker, 50 HP | 1 |
| 14.3 | SAG Mill, 9.8m x 3.6m | 2 |
| 14.4 | SAG Mill Motor, 5,000 HP | 2 |
| 14.5 | Ball Mill, 5.0m x 9.5m | 2 |
| 14.6 | Ball Mill Motor, 6,000 HP | 1 |
| 14.7 | Regrind Mill, 3.35m x 4.27m | 1 |
| 14.8 | Regrind Mill Motor, 1,000 HP | 1 |
| 14.9 | Overhead Crane, 30/5 t @ 30m span | 1 |