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1990 "SNAPSHOT" REVIEW FORM

Property/ProjectName : GOLDSTREAM MINEAuthorL.R. Bottomer

Prime Explorations Ltd.

NTS : 82M/9

Claims : Pat Group (99 units)

Acreage: 4692 hectares

Commodities: Cu, Zn

Agreements

Joint Venture between Goldnev Resources Inc. (50%) and Bethlehem Resources Corporation (50%), subject to a 12.5% net profits royalty to MacLaren Forest Products Inc. (MFP), a subsidiary of Noranda Mines Limited, and 12.5% NPR to individual prospectors. Both royalties are payable after payback of capital and interest.

History

Past Exploration Techniques	By Whom	Amount	Type	Cost
1974 - 76	Noranda Expl.	Surface and udg. drilling, surface exploration		

Past Development	By Whom	Amount	Type	Cost
1980 - 83	MFP	Three access levels with interconnecting ramp system		\$74.5 million (mine & mill)

Past Production	By Whom	Tonnage	Method	Grade
1983 - 84	MFP	492,650 short tons	i) Open-pit ii) Udg. step room and pillar	3.41% Cu 2.23% Zn

est. ~ 2000 oz Au (not paid for)
= .004 gpt Au grade

Reasons for shut-down

Poor metal prices
Poor zinc recoveries

GeologyRegional

Lower Palaeozoic Lardeau Gp. metasediments and subordinate volcanics, forming Goldstream Slice of Selkirk Allochthon.

Local

Orebody consists of a single deformed massive sulphide layer averaging 3 m thick, and 250 m wide, extending downplunge for more than 1 km. Broad similarities with Besshi-type deposit class.

Alteration/Ore Forming Minerals

Minimal wallrock alteration. Major sulphide mineral is pyrrhotite, with subordinate chalcopyrite and sphalerite. Systematic zoning of Cu:Zn ratios across the long axis of the ore lens.

Current Exploration Results

1989

- * Property purchased April 1989.
- * Detailed sampling of open-pit and underground workings (1133 udg. samples, 283 o'pit samples).
- * Rehabilitation of mine and mill.
- * Feasibility study by Wright Engineers Limited.

Reserves

Mineable ore reserves 1,860,000 tonnes @ 4.81% Cu, 3.06% Zn, based on 2 m minimum true thickness, 3% Cu cut-off grade.

Costs

Projected development costs

Capital cost \$15.6 million (includes purchase price and working capital)

Projected operating costs

\$52/tonne milled

- excellent slides/talk

- good expl'n successes in '89 - several new MS (+Au) discovered. Good looking regional geology + potential.