

NEWMONT EXPLORATION OF CANADA LIMITED900 - 808 West Hastings Street
Vancouver, B.C. V6C 3A4SUMMARY REPORT ON THE CYR DEPOSITLocation and Access

The CYR zinc-lead-silver deposit is located in the Pelly Mountains 92 km southeast of Ross River, Yukon, N.T.S. map sheet 105 G/6. It lies 2 km south of the Hoole River and the Tintina Trench. A winter tractor road, starting at the Mink Creek airstrip on the Robert Campbell Highway 38 km to the north, passes 5 km northwest of the property. Access is by helicopter.

Property

The property consists of 16 claims, 8 of which are in good standing until August 30, 1985, and the other 8 until September 13, 1985. They are named CYR 1-8 and 33-40, and are recorded in the Watson Lake Mining District. The claims are held in name of Newmont Exploration of Canada Limited. Ownership is Newmont 45%, Asamera Inc. 45%, S. W. Barclay 10%.

History

The prospect was discovered in 1977 by Newmont personnel, on behalf of a joint venture with Asamera Inc. Exploration work carried out during the summers of 1977, 1978 and 1979 consisted of geologic mapping, soil geochemistry, EM survey and 3,300' of diamond drilling in 6 holes.

Geology

The CYR property is underlain by a sequence of carbonaceous and calcareous slates, siltstones, sandstones and carbonaceous and fossiliferous limestones of Cambrian to Devonian age. They have been tightly folded and thrust-faulted. Lateral movement along the nearby Tintina Trench has sliced the folded rocks.

Mineralization

Galena-sphalerite-pyrite mineralization occurs primarily in a dolomitic siltstone which is overlain by a thin-bedded, argillaceous quartzite. Sulphides are disseminations and stringers; occasionally massive and banded. It may be interpreted that the sulphides migrated from the metal-rich shales into the more permeable host rocks. Finely laminated pyrite occurs in some siltstone.

Significant intersections were found in three holes. In 78-5, a 21' interval averaged 2.67% Pb, 6.19% Zn, 1.11 oz/ton Ag and trace Au. A 7.5' zone in 78-6, 180' down-dip from 78-5, assayed 4.55% Pb, 9.22% Zn and 1.20 oz/ton Ag. In 78-8, 200' SE of holes 78-5 and 78-6, two intervals 65' apart assayed 4.25% Pb, 8.10% Zn, 1.14 oz Ag over 7.5' and 0.76% Pb, 3.52% Zn, 0.36 oz Ag over 7.9'.

Utilizing the surface showing and drill intersections, geologic reserves of 240,000 tons averaging 2.82% Pb, 4.51% Zn, 1.05 oz/ton Ag are estimated. They are contained in a deposit 332' long, 1 to 21' thick, extending from surface down dip for a distance of 614'. It is open to depth and along strike in one direction.

Proposed Further Work

Diamond drilling to test for extensions to the known mineralized horizons is proposed.

Proposed Terms

Newmont and Asamera invite proposals to purchase 100% interest in this property for cash and/or stock. A realistic price of \$50,000 is suggested.

A view of all the data on this property is possible at the Newmont office. For further information, contact Terry Macauley, Gerry Delane, or Bob Sheldon.


T. N. Macauley
Exploration Manager
Western Division

