

al using the existing railway from the conces-

interest in Tenke Fungurume with Gecamines holding the remaining 45%. All joint venture fiscal arrangements have been formally ratified and accounting principles will be applied, there and a cap on federal tax on profits thereafter. Restrictions and there will be an exemption period on import/export duties and on income tax on

anced operations on the property. It is anticipated to be completed within 16 months. Initial production of 100,000 tonnes of copper and 8,000 tonnes of cobalt per year is expected to be phased in over the next 10 years.

ces in the world with undeveloped, immensely rich property has enormous economic potential and with the right investment could become one of the most important mining projects in the world. BHP Minerals Corp. is pleased to be a leader in recognizing the mining industry as a major factor in the world economy.

Banro Finance

Property

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Core Shack abstract

Friday, January 31, 1997 - Afternoon

CORE SHACK - Cortes & Moresby Rooms

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Chairpersons: Dave Broughton, Tracy Hurley, Cyprus Canada Inc.

1. Campo Morado, Mexico - Farallon Resources Ltd.

[See morning talk abstract]

2. Agua Rica, Argentina - Northern Orion Explorations Ltd.

Agua Rica is a very large copper-gold porphyry deposit located in Northern Argentina, with resources estimated at over one billion tonnes. The deposit is unusual because of the almost total replacement of the primary copper minerals by chalcocite and covellite throughout the deposit, and the presence of important molybdenum and silver values. Agua Rica is currently undergoing a major exploration program with partner BHP Minerals to complete a feasibility study. More than 40,000 metres of drilling have been completed in the past 18 months. Important recent developments in deposit definition will be presented.

3. San Jorge, Argentina - Northern Orion Explorations Ltd

San Jorge is porphyry copper-gold deposit located in western Argentina, where mineralization has been defined by more than 16,000 metres of drilling and comprises sub-horizontal layers of oxide, secondary enriched and primary copper mineralization hosted by Carboniferous clastics, felsic and dacitic porphyry intrusives and a tourmaline breccia. A pre-feasibility study is currently underway. The geology and style of mineralization will be detailed in the presentation.

4. Getty North Porphyry Prospect, BC - Getty Copper Corp.

During 1995 and 1996, Getty Copper conducted intensive programs of geophysical, geochemical and geological exploration, including 23,500 m of HQ and NQ-2 core drilling, on selected portions its 115 sq. km Highland Valley mineral tenure, comprising the largest contiguous mineral tenure position ever assembled within the Highland Valley Copper Camp. The property contains the Getty North (Krain) porphyry copper deposit, the Getty South (Trojan) breccia-hosted copper deposit (36,000,000 tonnes @ 0.47% Cu, inferred), the Transvaal Mine (adit), the Chamberlain Mine (shaft), the Pretoria Mine (adit and trenches), the Highland No.2 (shaft), the Glossy Mine (shaft), the Salmo-Prince/Canzac copper showings near Bose Hill, and various areas containing soil geochemical anomalies and IP chargeability geophysical anomalies.

The indicated resources of about 21 million tonnes average 0.47% copper including about 5 million tonnes of oxide mineralization averaging 0.45% oxide copper. Additional inferred resources amount to 7 million tonnes averaging 0.42% total copper. Resources have been increased by recent drilling but this has not yet been incorporated in resource estimates.

A large portion of the drilling was done in order to further define the Getty North (Krain) deposit, which remains open at depth both to the west and to the south. The deposit is comprised of an oxidized layer (display sample A; core box A) which is very well developed to a depth of approximately 100m over the central and northern portions of the underlying copper sulphide deposit (core box B). Within the oxidized zone, oxidation of pre-existing primary copper sulphides has taken place, and copper contained within this layer now resides in secondary sulphides (chalcocite), carbonates (malachite, azurite), phyllosilicate (chrysocolla), oxides (tenorite, cuprite), and occasionally as extremely fine-grained native copper, all of which are amenable to low cost solvent extraction electro-winning. A small amount of drilling began to investigate extensions of the sulphide-copper mineralization to the south and to the west, and extensions of the oxide-copper mineralization to the north and northeast. During recent drilling into the Northeast Extension Zone of the oxide-copper layer, DDH 96-35 (-55°) returned 38 m (125 ft) of oxide-copper mineralization grading 0.62% Cu, and DDH 96-37 (-60°), drilled into the previously untested West Extension Zone, cut 181 m (594 ft) of sulphide-copper mineralization grading 0.42% Cu, including 66 m (217 ft) of 0.61% Cu (core box B).

During 1996, Getty Copper drilled its first 13 holes into the Getty South (Trojan Mine) deposit. Sampling the deposit by core drilling has proven to be challenging due to the unusual mode of occurrence of the principal ore mineral, chalcopyrite, which is erratically distributed within the breccia's cryptocrystalline tourmaline ± quartz cement as coarse grains and blebs (display sample B; core box C). Present resources were estimated from previously reported results of extensive sampling along 6000 feet of underground lateral development on the 150 foot level. Additional drilling and other means of sampling this deposit, are being contemplated for 1997.

Late in 1996, Getty Copper acquired the strategically located Transvaal property, comprised of 9 crown granted mineral claims positioned immediately west of the Getty North area, and immediately south of the Getty West area. A large IP chargeability anomaly occurs both on the northern portion of this property and also on the adjacent Getty West area. In the western portion of this area, Getty Copper has drilled 9 holes, some of which have encountered either oxide-copper mineralization or sulphide-copper mineralization, or both. During the 1997 drilling program, the main mineralization at the Transvaal adit zone, and several geochemical-geophysical targets on this property will be investigated.

Currently, Getty Copper has three drill rigs on the property and is continuing its drilling program throughout the Winter.

5. Knob Hill, BC - First Choice Industries

There was only one major exploration program. First Choice Industries Limited explored for porphyry epithermal mineralization in Bonanza volcano at the northwest end of the Island Copper -

The Knob Hill property was staked to cover a molybdenum geochemical anomaly that covers the upland plateau in the wake of the discovery of the Hardy. The company drilled a few short holes to test for copper in pyroclastic volcanic rocks.

First Choice Industries ran a preliminary geochemical survey and identified a gold, arsenic, lead and zinc anomaly in the Obling Creek drainage, slightly to the west of the anomaly. The anomaly is broadly coincident with a line 1.5 km long and 1.0 km wide. In 1996, First Choice Industries tested the precious metal potential of the area. It explored the geochemical survey and mapped what little was known. It discovered that at least part of the anomaly was a complex that is intensely altered and mineralized.

In the fall, the company used a small, portable, rock geochemical survey to test a portion of the geochemical anomaly. It drilled ten, short, diamond drill holes. Nine holes intersected intensely mineralized and rhyolite breccia. The massive rhyolite breccia is brecciated, and cut by, irregular, fine-grained, replacement veins. The veins contain abundant fine-grained and minor amounts of chalcopyrite, sphalerite and polymictic quartz. They contain abundant fragments of chalcopyrite and less frequent fragments of discrete sulphide mineralization. The tenth hole encountered epidote-

The sulphide vein system is auriferous. Gold grades of hundreds of parts per billion over substantial intervals in the rhyolite to erratic highs of several tens of parts per million in selected veins. The latter may be free gold and, in some cases, nuggets of placer gold in the Obling Creek drainage.

First Choice Industries ran an induced polarization geochemical anomaly after completing its drilling. It drilled part of a high-chargeability zone that appears to wrap around the north end of a high resistivity zone in soil geochemical anomaly.