

2. **Red Chris Project, B.C.** - *American Bullion Minerals Ltd.*

The Red Chris property, located in northern British Columbia, contains a partially explored copper-gold porphyry system. Reserves are defined with expectations of increasing reserves within a much larger exploration target. Continued drilling is planned during 1995.

American Bullion currently holds an 80% interest in the Red Chris Property with the remaining 20% held by Teck Corporation. Teck has the right to increase its interest to 55% and become mine operator by providing production financing.

The 1994 exploration program of over 21,000 m of HQ and NQ drilling expanded the Red Chris deposit to 1,300 m in length, 150 to 500 m in width and to a depth of 300 m. The deposit remains open in all directions.

The Red Chris consists of both fracture controlled and disseminated mineralization within a monzonite to diorite intrusive stock. Higher grades occur in a central quartz stockwork zone that generally contains chalcopyrite mineralization in upper portions that become more bornite-rich with depth.

The Red Chris deposit is unique in that the deposit contains high grade quartz stockwork zones grading 0.5 to 1.0% copper and 0.4 to 1.0 gram gold over widths of 50 to 250 m from surface to depth beyond 300m.

Reserves calculations are in progress and will be published in early February.

3. **Hearne Hill Discovery, B.C.** - *Booker Gold Explorations Ltd.*

[See earlier Talk Abstract]

4. **Kudz Ze Kayah Deposit, Yukon** - *Cominco Ltd.*

[See earlier Talk Abstract]

5. **Geology and Exploration of the Copper Mountain Camp, B.C. A Century of Exploration and Development, B.C.** - *Princeton Mining Corporation*

[See earlier Talk Abstract]

9:40 Hearne Hill, B.C.

J. Paul Stevenson, President, Booker Gold Explorations Limited

The Hearne Hill copper stockwork shows strong geological similarities to the nearby former producing Bell and Granisle porphyry copper mines and the sub economic Consolidated Morrison deposit situated on the west side of the Hearne Hill property.

The Hearne Hill Breccia contains values of copper, silver, gold 5 to 10 times grades in the surrounding stockwork porphyry deposit, ie. Hole 91-2 which intersected 50 feet of breccia assaying 2.36% Cu and included a 10 foot section assaying 0.401 oz/ton gold.

Trenching by Booker Gold (1993) to locate other breccia bodies discovered mineralized breccia boulders up slope from the Chapman Breccia Zone. Grab samples assayed up to 20.6% copper and 0.146 oz/ton gold. Diamond drill holes (late 1994) did not discover the source of the breccia boulders but did intersect mineralization some of which is hosted in breccia from which copper, silver and gold assays approximately 2 to 3 times higher than those encountered by previous drill programmes in the porphyry stock work deposit were obtained.

Since this area was not explored by previous geochemical, geophysical or drilling programmes the 1994 drilling has successfully extended the stockwork porphyry deposit over 250 m beyond previously mapped limits. Strong biotite alteration and high assay values indicate a high grade core to the stock work deposit which remains open to the north and east.

9:55 Red Chris Project, B.C.

Wayne Roberts, Vice President, American Bullion Minerals Ltd.

American Bullion Minerals' Red Chris Project, easily accessed in northern British Columbia, holds potential for large tonnage reserves mineable by open-pit grading 0.6% copper and 0.5 grams per tonne gold, placing it in the upper echelon of prospective copper-gold producers in western Canada.

American Bullion currently holds an 80% interest in the Red Chris Property with the remaining 20% held by Teck Corporation. Teck has the right to increase its interest to 55% and become mine operator by providing production financing.

The 100 km² Red Chris Property is well located, being approximately 10 km east of the Stewart-Cassiar highway near the community of Iskut and 200 km by road north of the sea port of Stewart. The property is easily accessed and moderate topographic relief is ideal for production facilities.

The elongate 5 km long Red Stock is host to a large copper-gold mineralization system. The 1994 drilling program of over 21,000 m has increased the size of the Red Chris deposit, presently outlined using a 0.25% copper cut-off, to 1,300 m in length, 150 to 500 m in width and a depth of 300 m. The deposit remains open for expansion.

The host monzodiorite stock contains a pervasive phyllic alteration overprint containing fracture and disseminated mineralization. The Red Chris deposit is unique in that it contains high grade quartz stockwork zones grading 0.5 to 1.0% copper and 0.4 to 1.0 grams gold.

Reserve calculations are in progress and will be published in February. Opportunity remains for significant addition to reserves as only 35% of the mineralizing system has been drill tested to date.

The planned 1995 program will include an additional 21,000 m of drilling followed by completion of pre-feasibility by year's end.

10:10 West Archimedes: A New Discovery at the Ruby Hill Property, Eureka Mining District, Eureka County, Nevada

Tony Ransom, Vice President, Exploration, Homestake Mining Co.

The Ruby Hill Property is located immediately west and southwest of the town of Eureka, Nevada and encompasses several historic Pb-Zn-Ag-Au mines of the Eureka mining district. The Ruby Hill mines were principally active between 1870 and 1890 and have produced over two million tons of largely oxidized ores yielding approximately 1.65 million oz. Au, 39 million oz. Ag and 625 million oz. Pb. A down-faulted extension known as the FAD deposit was discovered to the north of the outcropping Ruby Hill ore bodies in the late 1930's and has been estimated to contain 3.1 million tons grading 0.15 opt Au, 5.7 opt Ag, 3.7% Pb, and 8.5% Zn. Both the FAD mineralization and the historic Ruby Hill deposits occur as replacement mantos and pipes developed within the Cambrian Eldorado dolomite near the contact with a quartz diorite stock dated at 101 Ma.

The West Archimedes zone lies to the north of the Ruby Hill mines, near Mineral Point, and was discovered by Homestake in 1992-1993. Although entirely concealed by post-mineral Quaternary and Tertiary (?) alluvium up to 500 feet thick, intercepts in excess of 30 feet of 0.03 opt Au have been cut along a northwesterly trend for approximately 3000 feet at West Archimedes. The mineralization is oxidized and occurs as an elongate, crudely tabular, and gently plunging body developed within carbonates of the Ordovician Pogonip Group. Silicification and/or decalcification, in association with anomalous As and Hg, accompany the gold mineralization. Anomalous Pb, Zn, Ag, and Sb have also been found with some gold intercepts. Northeast and northwest trending high-angle faults, with both pre- and post-mineralization offset, dissect the Paleozoic section near the gold mineralization.

10:35 Update Report on Cominco's Kudz Ze Kayah Project, Southeast Yukon *John M. Hamilton, Manager Exploration, Western Canada, Cominco Ltd.*

Cominco's Kudz Ze Kayah (Kaska Dene for "Caribou Country") project is centered on the ABM deposit located 110 air km southeast of Ross River and 20 km southwest of Finlayson Lake on the Robert Campbell Highway. Careful prospecting followed