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In 1993 Metall Mining defined an 800 m long multi-element soil anomaly associated with baritic Gunsteel shales. In 1994 compilation of open ground to the southeast extended the anomaly another 4.5 km which led to the staking of additional ground. A new grid was established and soil sampled redefining previous soil anomalies. Mapping and prospecting of the Gunsteel shales along the trend of the soil anomalies led to the discovery of massive sulfides in outcrop in Cardiac Creek which returned 16.0% Zn, 2.8% Pb, 25.6 g/t Ag over 0.40 m. Subsequent drilling has defined a steeply dipping, 6 - 30 m, wide mineralized zone with a strike length of 1,400 m tested to depths of 300 m below surface. Mineralization consists of interlaminated pyrite-sphalerite-galena-barite diluted by barren interbeds of black shale. The best intersection to date returned 4.2% Zn, 0.9% Pb, 10.0 g/t Ag over 30.5 m true width, including 8.4% Zn, 1.6% Pb, and 14.3 g/t Ag over 7.0 m true width. The zone remains open at depth with improvements in grade and thickness indicating a downdip direction to the source of the mineralizing system.

In 1995 Metall Mining plans to continue drilling the Akie Zn-Pb-Ag-Ba mineralization at depth as well as test new soil geochemical anomalies along strike.

#### **11:30 Tulsequah Chief and Big Bull Projects - A Development Update**

*Terry Chandler, Vice President Exploration, Redfern Resources Ltd.*

Redfern Resources Ltd. owns and operates the advanced exploration Tulsequah Chief and Big Bull projects in NW B.C., located 100 km south of Atlin, B.C. and 60 km NE of Juneau, Alaska. The property hosts the Kuroko-style Tulsequah Chief and Big Bull Cu-Pb-Zn-Ag-Au volcanogenic massive sulphide deposits located within the early Mississippian to Permian age Mt. Eaton block. These deposits were discovered in the early 1920's and mined by Cominco during the period 1951 to 1957. A total of 935,536 tonnes was mined in this period grading 1.60% copper, 1.50% lead, 7.00% zinc, 3.84 g gold/tonne and 126.52 g silver/tonne.

Redfern and Cominco commenced renewed exploration at the Tulsequah Chief deposit in 1987. Redfern acquired 100% ownership in 1992. Drilling programs through 1994 have defined a geological reserve of 8.8 million tonnes grading 1.30% copper, 1.21% lead, 6.42% zinc, 2.51 g gold/tonne and 106.36 g silver/tonne. The deposit extends 780 metres below the old workings, open to depth and along strike. The deepest drill hole on the property intersected a combined 24.50 m true width of high grade massive sulphide.

Redfern initiated comprehensive environmental baseline studies and final feasibility work in mid-1994. A Pre-Application for Mine Development Certificate (Prospectus) was filed in September. Permitting consultation is in progress with government agencies, as well as local First Nations and the public. The company anticipates receiving positive feasibility results by June, 1995 and filing its Mine Development Certificate Application in August. Ultimate development and production is envisaged at 2250 MT/day with a minimum nine year mine life.