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Eagle Plains Resources Ltd.

B. C. PROPERTIES



Eagle Plains Resources Ltd.

Properties **British Columbia** Yukon Territory





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Findlay Creek (Kennecott Option)

This 294-unit (18,000 acre) property is contiguous with the Greenland Creek claims, and shows good potential for hosting Sullivan-type mineralization. Kennecott has the right to earn a 60% interest in the property by completing \$2,000,000 in exploration expenditures, and making cash payments of \$250,000 to the companies over four years. Eagle Plains has a retained 20% interest in the property, carried until Kennecott has exercised its option. Kennecott will be operator of the project. A 2-hole, 750-foot (230m) diamond drilling program was completed by Eagle Plains/Miner River on the property in late 1996, after an extensive mineralized tourmalinite unit was recognized. Rock and soil geochemical samples taken on surface indicate an extremely anomalous

silver/lead/zinc/copper-enriched zone with dimensions of 1000m x 250m, open along strike. Petrographic studies of material from within



Diamond drilling at Findlay Creek Property

the anomaly area confirm the presence of exhalitive tourmalinite, indicating a possible vent source for mineralization. Mineralization at Sullivan is directly associated with exhalitive tourmalinite, with ore-grade mineralization located near the vent source itself, decreasing in grade and thickness distally. On the Greenland Creek property, a single hole was collared within the geochemical anomaly area, and encountered 25.5m of mineralized tourmalinite, 11.7m of which assayed .69% lead from 12.8-24.5m, (including 4.77% lead over interval 22.4-23.5m). Geologic mapping carried out on the property has outlined tourmalinite material with an overall thickness of 60-70m. Company geologists interpret the drill intersection and surface geochemistry as an indication of proximity to a mineralized vent source.

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Greenland Creek

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Drill move - Greenland Creek

Eagle Plains, and partner Miner River Resources Ltd. (MRG: ASE), each own a 50% interest in this 243-unit (14,700 acre) property located 30km north of Kimberley, in southeastern British Columbia. The property shows potential for hosting Sullivan-type (sedimentary-exhalitive or "sedex") massive sulphide mineralization such as that seen at Cominco's world-class deposit in Kimberley. Containing over 180 million tons of ore grading 1.9 oz/ton silver, 6.5% lead, and 5.6% zinc, the Sullivan has been in production for over 100 years, and has a net worth of over 20 billion dollars.

Creeks draining the Greenland Creek property area are in the 99th percentile for the entire 82F mapsheet (16,500 sq. km) for the elements cesium, cobalt, copper, molybdenum, tin, tungsten, and zinc-all products of the Sullivan deposit. Surface showings containing banded sulphide mineralization returned 70.6 g/t Ag, 4.63% Pb, and 10.22% Zn over 25cm. First-phase drilling completed in early November of this year consisted of seven shallow holes comprising a total of 2000 feet. 1997

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Bootleg

This 80 unit (4860 acre), road accessed property, lies just 7km from Cominco's world class Sullivan orebody, within the same package of rocks. Preliminary work completed in 1996 identified drainages within the property anomalous in base-metal values. Follow-up work completed in 1997 returned highly encouraging values within silicified sediments, including 8.0 g/t silver and .51% lead.

Drill move at Greenland Creek Property

Kokanee Creek

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Acquired by Eagle Plains and Miner River late in 1996, this road-accessed 60 unit (3645 acre) property near Nelson, shows considerable promise for Britannia-type roof-pendant mineralization, and is distinguished by containing a 500m x 500m gold-silver-lead-zinc soil geochemical anomaly, open in all directions. A first phase, 1500-foot 5-hole drilling program completed in February-March of 1997 resulted in the discovery of significant gold mineralization near-surface. Hole KC97-02 returned 26.11 g/t gold over 0.7m from 7.0-7.7m, and 13.52 g/t gold over 1.4m from 21.8-23.2m. Fieldwork completed during 1997 further expanded the mineralized zone to the north, south and west. The companies are currently seeking a joint-venture partner to finance ongoing exploration.

McPhee Property

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The McPhee property consists of 118 units (7,160 acres) located 15 km east of the Cominco smelter in Trail, B. C. It is within the Kootenay Arc Mineral District and is underlain by rafted volcanic and sedimentary Rossland Group Rocks. Both base- and precious- metal mineralization has been found associated with sheared, strongly altered Elise Formation andesite flows and silicified quartz pebble conglomerate of the Hall Formation. Rock samples from the andesite included up to 13 gm/t Au, 6.8 gm/t Ag, 1.5% Cu, 0.15% Ni, 0.05% Co and 3.8% Zn. The Second Relief Mine, located 4 km northwest of the McPhee property, was the second largest gold enriched skarn in B. C., producing over 3 million grams of gold with associated lead, zinc, silver and copper. The western part of the property hosts a zone of massive pyrrhotite and chalcopyrite within pebble conglomerate. A number of historical adits and shafts have been driven on this mineralization which occurs in a 1-5 m massive sulphide band that has been traced on surface for more than 1.5km. Rock sample values from the massive sulphide zone contained up to 0.7% Cu, 0.06% Co, 0.26% W and 0.14% Mo. Samples of the quartz pebble conglomerate host returned values up to 3.62% Zn, 0.56% Pb, 42.5 g/t Ag and 150 ppb Au. The Rossland Mining camp, located 20 km northwest of the McPhee property, was the second biggest gold camp in B. C. and saw historical production of more than 84,000 kilograms of gold from a series of sulphide veins. Free gold has been found in many of the creeks draining the McPhee property. Eagle Plains has a 50% interest in this property.

Conner

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Eagle Plains and Miner River have recently completed negotiations whereby the joint-venture can earn a 100% interest (less 2%NSR) in the Conners Gold polymetallic property located 20 km northeast of Trail, B.C. The Conners Gold property is road-accessible, and consists of 18 units (1093 acres) containing geology considered prospective for the presence of economic quantities of base-and/or precious metals. Newly-constructed logging roads transect the property, and high-voltage hydroelectric power is within 5km of claim boundaries. Stratabound massive and semi-massive pyrrhotitic sulphides up to 8m in thickness occur within both a schistose volcano-sedimentary sequence, and altered sedimentary rocks. Samples of massive pyrrhotite material exposed on surface over 100m along strike returned up to 92.4 g/T (2.7 oz/t) gold, 0.2% cobalt, and 0.34% copper. 1997 logging on the property has resulted in the discovery of significant new mineralized zones of disseminated to semi-massive pyrrhotite, chalcopyrite, sphalerite, and galena. Samples taken from road cuts returned values up to 5.7 % zinc, 1% lead, 0.3% copper, 0.35% cobalt, 0.09% nickel, and 0.5 g/T gold, representing a total contained metal value of \$US 267/ton. Soil geochemical sampling conducted on the property indicates a base-and precious-metal enriched zone over 300m x 1000m.

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