

*Eagle Plains Resources Ltd. (EPL : TSX-V) Bronco property consists of 7279ha located in the Mackenzie Mountains, NWT and 3511ha in the Yukon. The property is 70 km north of the Canol Road and 30 km west of the Willowhandle exploration camp which services the project. The property hosts high grade silver and copper mineralization and may also have the potential to host Carlin type gold mineralization.*

*Since 2006 EPL has focused on evaluating the property for high grade Ag-Cu-Pb-Zn mineralization as well as SedEx style deposit potential. This included a 32 element ICP re-analysis of 5700 RGS samples collected in the 1970's from approx. 19,000 sq km in the Mackenzie Mtns. The original samples were only analyzed for Pb / Zn resulting in the discovery of the Gayna River Pb-Zn deposit. This proprietary dataset was then integrated with EPL's extensive dataset as well as RGS data collected by government agencies in the NWT and Yukon. It is now used as a sophisticated tool for targeting exploration.*



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## BRONCO PROJECT

### **Project Highlights**

- Continuous chip sampling at Bronco discovery zone returns 420 g/t Ag, 0.9% Cu, 2.8% Pb over 13m, including 3.0m of 1313 g/t Ag, 2.7% Cu, 10.2% Pb and 1.1% Zn.
- Additional high grade mineralization 7 km along strike from Bronco zone with rock samples return assay results of 17.5%, 19.8%, 12.7%, 25.4%, 21.3%, 18.5% zinc over an area of 300m x 700m.
- Limited diamond drilling confirms wide areas of alteration and low grade mineralization at Bronco showing.
- Host Sekwi formation limestones are extensively silicified and dolomitized suggesting a large mineralizing event associated with regional scale faulting.
- Many of the soil samples are anomalous in the pathfinder elements considered to be indicative of Carlin type mineralization including arsenic, mercury, antimony and thallium. None of the samples have been analysed for gold.

### **Project History**

The first significant work in the Mackenzie Mountains was during the early to mid 1970's. Although hundreds of new showings were discovered during this time, there didn't appear to be any work done in the immediate area of the Bronco.

The first recorded work in the area was when Eagle Plains discovered the Bronco showing in 2006. The Bronco was deliberately kept out of the Teck – Eagle Plains Strategic Alliance and all work at the Bronco was funded 100% by Eagle Plains.

### **Eagle Plains Program**

2006 – Prospecting crews discover high grade tetrahedrite mineralization at the Bronco and Golfball showings. EPL obtains and analyzes all the original sample material collected by Rio Tinto during their RGS sampling program in the Mackenzie Mountains in the 1970's.

2007 – Fieldwork by Eagle Plains includes soil geochemical surveys, geophysics, prospecting, and a five hole 888 meter diamond drill program at the Bronco and Mustang zones.

A 2008 soil geochemical program defined a large multi element geochemical anomaly in part associated with the known mineralization on the property. Geological mapping indicates that there is a correlation between mineralization and folding related to west verging thrust faults. Observations from mapping and drill core show that the influx of fluids has caused a large amount of dissolution and precipitation of mineralization. The abundance of mineralized occurrences in the Bronco corridor and the close association of structure and dissolution textures suggest a substantial fluid event concentrated by structures. These deep rooted structures provided a conduit for fluids to migrate into the deformed and reactive limestones of the Sekwi Formation.

### **Eagle Plains Future Plans**

The Bronco shows similarities to a Carlin type system in terms of host rocks (platform or off platform carbonates with a high silt component) and the presence of large deep seated regional structures. Eagle Plains intends to reanalyze some of the samples collected in past programs for gold.

*A project summary and detailed maps may be viewed at [www.eagleplains.com](http://www.eagleplains.com)*