

COGBURN PROPERTY
Fact Sheet, June 2000

- Location** • 120 km east of Vancouver, near Hope, British Columbia, Canada. Reference NTS maps 092H05E and 092H12E.
- Access** • By logging road from Ruby Creek at Highway 7 then up Garnet Creek to its headwaters (16km), or from Harrison Hot Springs by logging road up Cogburn Creek and then to the headwaters of Talc Creek (42km).
- Land Package Ownership** • Nine contiguous Mineral Claims consisting of 68 Units (1,700ha) in the New Westminster Mining Division.
 • John A. Chapman (50%) and KGE Management Ltd. (50%). Gerald G. Carlson is the President and major shareholder of KGE Management Ltd.
- Completed Exploration** • In 1971, Giant Explorations Ltd. (a subsidiary of Giant Mascot Mines Ltd.) discovered the Cogburn nickel deposit while conducting a wide area airborne geophysical and stream silt geochemistry program. The survey area, which identified a number of ultramafic intrusions, covered a 12km wide swath from the Giant Mascot nickel, copper, cobalt mine northeast 25km to Harrison Lake. This preliminary work was followed by grid surveys over the Cogburn deposit area, including soil geochemistry, magnetics and rock chip sampling and then core drilling (1971 to 1975).
- Resources** • The only mention of resource potential was in the George Cross News Letter of September 1, 1971, "Present indications are in the order of 200,000 tons per vertical foot, which gives 100 million tons per 500 feet of depth ... A number of the samples from the property have been subjected to carefully controlled ascorbic acid tests which indicate that between 90% and 95% of the nickel is in sulfide form ... All of the samples from within the discovery area have presented a remarkably consistent value between 0.19% and 0.25% nickel". G.E. Eastwood, a geologist with the BC Department of Mines, in his property report (EMPR GEM 1971 pgs 258-264) stated, "samples from southeast of Daihoff Creek (Cogburn deposit) contained 0.19% to 0.22% sulfide nickel These results are to be compared with Nickel Syndicate averages of 0.22% nickel obtained from systematic rock chip sampling over an area of approximately 80 acres and 0.20% from diamond-drill core ... Southeast of Daihoff Creek 17 holes were diamond drilled to an aggregate length of over 4,000 feet". PGE values within the deposit are not known.
- Area Production** • Eight kilometers to the east of Cogburn is the former Pride of Emory mine that was operated by Giant Mascot Mines Ltd. from 1958 to 1974. The mine produced 4.3 million tonnes of ore and recovered 26.6 million kg of nickel, 13.2 million kg of copper, 140 thousand kg of cobalt and minor gold and silver. At closure in 1974 the resource estimate was 863 thousand tonnes grading 0.75% nickel, 0.30% copper and 0.03% cobalt. Zones within the Pride of Emory deposit were reported to contain PGE's. The Minfile No. 092HSW004 reports, "In 1936, one 22.7 tonne bulk sample taken from the 488 metre (1,600 feet) crosscut averaged 2.74 grams per tonne platinum and palladium and 0.68 grams per tonne gold. Early samples of ore yielded 3.98 grams per tonne platinum and palladium and 7.89 grams per tonne gold In 1978, three samples collected on the surface were anomalous in platinum and yielded 1.17, 1.61 and 1.61 grams per tonne platinum respectively ... One high-grade sample from the bottom of the "1500" orebody assayed 2.85 grams per tonne platinum and 4.94 grams per tonne palladium".
- Geology** • The Cogburn deposit, similar to the Pride of Emory, is within ultramafic rocks composed primarily of altered pyroxenite and peridotite. The pyroxenite is strongly uralitized and contains pyrrhotite with minor magnetite and traces of pyrite, chalcopyrite and possibly pentlandite that are all finely disseminated throughout the rock.
- Environment** • The deposit is located between 800 meters and 1,500 meters elevation on the headwaters of Talc and Garnet Creeks. The area is being actively logged. In the past 10 years approximately 60% of the claim area has been clear-cut.
- Potential** • The Cogburn deposit and surrounding area has potential for discovery of further nickel, copper, cobalt and PGE's. The deposit setting lends it to development as a large low-grade open pit operation. Major highways, high capacity electric transmission lines and a high capacity natural gas pipeline are all located within 16 kilometers of the deposit.
- Status** • The Cogburn claims are available for option. Contact John Chapman at 604-536-8356 (E-mail: jacms1@sprynet.com), or Gerald Carlson at 604-688-0833 (E-mail: gcarlson@copper-ridge.com).