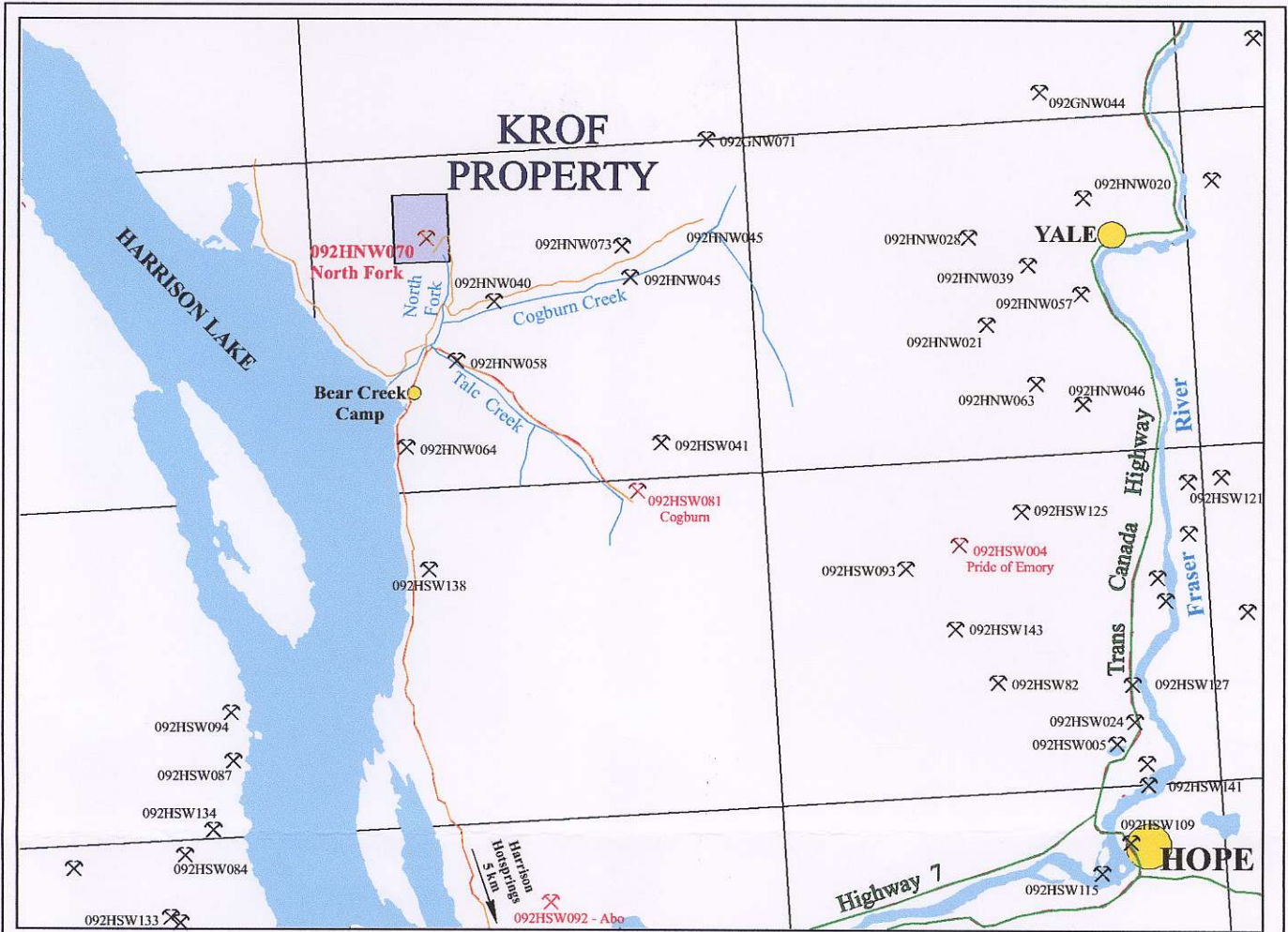


***KROF VMS PROPERTY***  
***Fact Sheet, June 2001***

- |                               |  |
|-------------------------------|--|
| <b>Location</b>               | <ul style="list-style-type: none"> <li>• 120 km east of Vancouver, near Harrison Hot Springs, British Columbia, Canada. Reference NTS map 092H052.</li> </ul>  |
| <b>Access</b>                 | <ul style="list-style-type: none"> <li>• From Harrison Hot Springs via secondary road, then by logging road up Cogburn Creek Main to kilometer five, then via secondary logging road to near the headwaters of North Fork (40km from Harrison Hot Springs).</li> </ul>   |
| <b>Land Package Ownership</b> | <ul style="list-style-type: none"> <li>• Twenty Mineral Claim Units (500ha) in the New Westminster Mining Division.</li> <li>• John A. Chapman (50%) and KGE Management Ltd. (50%). Gerald G. Carlson is the President and major shareholder of KGE Management Ltd.</li> </ul>   |
| <b>Exploration History</b>    | <ul style="list-style-type: none"> <li>• In 1981, massive sulphides were discovered during construction of a logging road. Silver Standard optioned the property that year and conducted limited soil sampling, SP and HLEM surveys. In 1982, Orbex Minerals acquired the property and drilled four short holes. The property was acquired by Minnova who completed an HLEM survey, geological mapping and four drill holes in 1987 and an additional three holes in 1988. The Krof property does contain some ultramafic rocks that have not been checked for nickel, copper and PGE's.</li> </ul>  |
| <b>Results</b>                | <ul style="list-style-type: none"> <li>• Sampling by Minnova of the surface showing gave 1.78% Cu, 0.27% Zn, 23.5 gpt Ag and 0.28 gpt Au over 0.9 m and 3.72% Cu, 1.41% Zn, 48.0 gpt Ag and 0.35 gpt Au over 0.8 m over two discrete massive sulphide lenses over a 25 m thick section of altered mineralized rock. The best intersection from the 1982 drilling was 2.04% Cu, 0.98% Zn and 9.2 gpt Ag over 3.0 m, within 60 m depth of the surface showing. Minnova's 1987 program intersected 1.09% to 4.82% Cu, 0.46% to 2.57% Zn, 13.25 gpt to 19.94 gpt Ag and 0.07 to 0.21 gpt Au over widths from 1.8 to 2.2 m. The 1988 drilling, along strike to the south, intersected the mineralized horizon but failed to intersect massive sulphides. The conclusion is that this drilling was to the south of the steep southerly plunge of the massive sulphide zone.</li> </ul>   |
| <b>Area Production</b>        | <ul style="list-style-type: none"> <li>• Twenty kilometers to the southeast of Krof 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. Approximately 25 km south of Krof, on the east shore of Harrison lake, the Abo property contains an estimated 3.5 million tonnes at a grade of 3.2 to 4.1 gpt Au, according to the BC Minfile summary. The Cogburn property located 8 kilometers south of Krof, at the headwaters of Talc Creek, is reported to contain over 100 million tonnes of low-grade nickel in a deposit discovered by Giant Explorations in 1971.</li> </ul> |
| <b>Geology</b>                | <ul style="list-style-type: none"> <li>• The Krof, a Besshi type Cu-Zn deposit, is underlain by Upper Paleozoic metavolcanic and metasedimentary rocks of the Chilliwack Group, intruded by Cretaceous and Tertiary granitic and ultramafic rocks. The Krof showing occurs within a northwest striking, steeply dipping sequence of schist, phyllite and recrystallized chert. The massive sulphide zone has been interpreted to rake steeply to the south. The massive sulphides are associated within a 50 m thick unit of meta-basalt, including flows, flow breccia and minor tuff, bounded above and below by chert and meta-sediments. The BC GSB is presently mapping the Cogburn region as part of their 2001 field programs.</li> </ul>   |
| <b>Environment</b>            | <ul style="list-style-type: none"> <li>• The deposit is located between 500 meters and 1100 meters elevation on the headwaters of North Fork Creek. The area is being actively logged. In the past 20 years approximately 70% of the claim area has been clear-cut.</li> </ul>   |
| <b>Potential</b>              | <ul style="list-style-type: none"> <li>• The Krof showing and surrounding area has potential for discovery of a significant copper-rich VMS deposit, with economic byproduct values of zinc, silver and gold. Major highways, high capacity electric transmission lines and a high capacity natural gas pipeline are all located within 25 kilometers of the deposit.</li> </ul>   |
| <b>Area Claims</b>            | <ul style="list-style-type: none"> <li>• More than 35,000 hectares of mineral claims have been staked in the region in the past 15 months, mainly for nickel and PGE's.</li> </ul>   |
| <b>Flow-Through</b>           | <ul style="list-style-type: none"> <li>• Exploration at Krof would qualify as flow-through and for the BC METC (20%) and the Canadian METC (15%). See <a href="http://www.pdac.ca">www.pdac.ca</a> for details.</li> </ul>   |
| <b>Status</b>                 | <ul style="list-style-type: none"> <li>• <b>The Krof VMS property is available for option.</b> Contact John Chapman at 604-536-8356 (E-mail: <a href="mailto:jacms1@sprynet.com">jacms1@sprynet.com</a>), or Gerald Carlson at 604-688-0833 (E-mail: <a href="mailto:gcarlson@copper-ridge.com">gcarlson@copper-ridge.com</a>).</li> </ul>   |





**Note:** 35,000 hectares of new mineral claims have recently been staked in the Krof region, centered on the Cogburn property at the headwaters of Tale Creek. These claims have been staked since February 2000, as part of a nickel and PGE exploration "rush" in the area.



# KROF PROPERTY

New Westminster  
Mining Division  
British Columbia, Canada

NTS: 092H

Location Map

Figure 1

Source : MapPlace  
Drawn By: DKM, P.Eng.  
Date: June 30, 2001



## COGBURN PROPERTY

### *Fact Sheet, January 2001*

- 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**
- Nine contiguous Mineral Claims consisting of 68 Units (1,700ha) in the New Westminster Mining Division.
- Ownership**
- 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 (no assays).
- 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.
- Area Claims**
- Santoy Resources Ltd. a Ron Netolitzky Group Company has recently staked 6,500 hectares of claims nearby to the east boundary of the Cogburn property. A private group of mining professionals has recently staked +10,000 hectares to the north and south of the Cogburn property.
- Status**
- **The Cogburn claims are available for option.** Contact John Chapman at 604-536-8356 (E-mail: [jacms1@sprynet.com](mailto:jacms1@sprynet.com)), or Gerald Carlson at 604-688-0833 (E-mail: [gcarlson@copper-ridge.com](mailto:gcarlson@copper-ridge.com)).

**LEADER MINING INTERNATIONAL INC ("LMN-V;LDRMF-L") -  
Options Cogburn Nickel Deposit to Evaluate Platinum / Palladium -  
Potential**

May 8, 2001 - Leader Mining International Inc. is pleased to announce that it has entered into an option to acquire the Cogburn Nickel deposit, located 100km east of Vancouver, near Hope, British Columbia, from John Chapman and KGE Management Ltd.

The Ni - Cu mineralization is contained within ultramafic rocks composed primarily of altered pyroxenite and peridotite. Previous drilling demonstrated that the pyroxenite is strongly mineralized and contains widespread finely disseminated pyrrhotite / pentlandite, with minor magnetite and traces of pyrite and chalcopyrite that grade consistently around 0.2% Ni. The George Cross Newsletter of September 1, 1971 reports, "The mineralization is over a length of 2000 feet, a width of 800 feet and a vertical surface range of 700 feet. Present indications are in the order of 200,000 tons per vertical foot, which gives 100 millions tons per 500 feet of depth. The mineralized area is open to possible extension to the south and east... All of the samples from within the discovery area have presented a remarkably consistent value between 0.19% and 0.25% Ni. The consistency of the values as much as the grade is the outstanding feature...A number of 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 sulphide form."

Previous operators did not analyze for Platinum Group Elements (PGE). Leader believes that the potential for a bulk mining Ni-Cu-PGE development scenario is very good; particularly since the nearby past producing Pride of Emory Mine is reported to have contained significant platinum - palladium values (up to 7.79 gram/tonne PGE).

Under the terms of the Option Agreement, Leader will make an initial cash payment of \$10,000 and invest up to \$65,000 in the first phase of evaluation, starting in the first week of June 2001 to be followed by more detailed geophysics and drilling, as results warrant.

Pending favorable results, Leader can earn, subject to regulatory approval, up to 100% interest in the property by performing \$1.5 million of exploration work and making cash payments to the vendors totaling \$345,000 over 5 years; issuing 200,000 shares of LMN over 3 years; and providing 100,000 warrants exercisable @ \$1.00/warrant upon completing a positive production feasibility study. The vendor will retain a 3% NSR, of which Leader may acquire 1.5% for \$1.0 million.

The Cogburn Project provides Leader a high potential low cost mining opportunity in strategic metals, that is consistent with Leader's exploration philosophy of acquiring high quality exploration targets in under-explored geologically favorable terrains within politically stable jurisdictions for commodities of the future.

Mr. Jasi Nikhanj FAX: (403) 234-7504 E-mail: gen-  
info@leadermining.com INET : www.leadermining.com TEL: (800) 314-  
4727