Krof 884671

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# KROF VMS PROPERTY Fact Sheet, March 2005

#### Location

 120 km east of Vancouver, near Harrison Hot Springs, British Columbia, Canada. Reference NTS map 092H052

#### **Access**

 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)

John A. Chapman (50%) and KGE Management Ltd. (50%). Gerald G. Carlson is the President and major

## Land Package Ownership

• One MTO Mineral Claim covering 230 hectares in the New Westminster Mining Division.

# Exploration

nickel, copper and PGE's.

shareholder of KGE Management Ltd.
 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

# Results

**History** 

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.

#### Area Production

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.

#### Geology

• The Krof, a Besshi type Cu-Zn deposit, is underlain by Upper Paleozoic metavolcanic and metasedimantary 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.

### Environment

 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.

#### **Potential**

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.

#### **Status**

• The Krof VMS property is available for option. Contact John Chapman at 604-536-8356 (E-mail: jacms1@telus.net), or Gerald Carlson at 604-688-0833 (E-mail: gcarlson@copper-ridge.com).

