

825121

MINNOVA INC.

DATE: November 6, 1990
TO: Alex Davidson, Ian Pirie.
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FROM: Dave Heberlein.
SUBJECT: MILA CLAIMS - SUBMITTAL (NTS 82M/12).

General:

The Mila claims are located approximately 5km east northeast of Vavenby (Fig. 1.). They cover an easterly trending belt of amphibolite grade meta-felsic volcanics and sili-clastic sediments that are correlated with Homestake stratigraphy (Unit EBA) by BCDM geologists (Schiarizza and Preto, 1987).

The property was brought to our attention by Greg Hawkins of MPH, who has been overseeing the project on behalf of the owners; International Suneva Resources Ltd. and Gold Bank Ventures. Recent road construction on the property by a local logging company exposed a narrow band of massive sulphide and unearthed numerous mineralized boulders along a 900m long trend. This mineralized zone lies within 500m of a strong airborne EM, resistivity and magnetic anomaly that was identified by previous work.

Follow up ground surveys confirmed the airborne anomaly and identified a strong linear trend of coincident Mag, Max-Min, resistivity and chargeability anomalies. The massive sulphide occurrence lies on this trend.

Property and Ownership:

Claims are listed in Table 1 below and the claim configuration is shown in Figure 2.

TABLE 1. LIST OF CLAIMS.

<u>Claim</u>	<u>Record #</u>	<u>Expiry Date</u>	<u>Units</u>
MILA 1	7838	06/30/93	20
MILA 2	8097	10/20/92	20
MILA 3	8121	11/05/92	8
MILA 4	8123	11/06/93	20
MILA 5	8122	11/07/93	8
JAR 1	7837	06/30/92	18
JAR 2	8098	10/19/92	20
JAR 3	8099	10/19/92	20
TOTAL			142

The Claims are currently held by:

Gold Bank Ventures Ltd.
625 4th Avenue SW,
Calgary. T2P 0K2.

Summary:

A good quality massive sulphide target exists on the Mila property. Sufficient work has been done by MPH to delineate a 900m long coincident MAX-MIN, Mag, IP and soil geochem target that spatially corresponds with the massive sulphide occurrence. A geophysical and geochemical profile across the anomalous ^{Zone} (Line 1800W) is attached to this summary. In addition to this target, several other zones with similar characteristics have been identified to the south and east. At the present time it is not known how these targets are related, however preliminary geological work suggests that they represent the expression of a shallow, southerly dipping (20-30°) mineralized horizon. This interpretation is supported by my own field observations.

The targets lie in an area of extremely poor exposure. Overburden cover consists of locally transported angular boulders in a green grey soil matrix. Glacial deposits are thin or absent. Based on the lithologies represented in the boulders the target area is underlain by gneissic rocks of felsic volcanic (QFP, quartz sericite schist and quartz-biotite gneiss) and meta

sedimentary units (meta-quartzite, meta-greywacke and argillite).

Mineralization is associated with the felsic units and pure quartzites (which may be recrystallized cherts). Several styles of mineralization were noted on my field visit. These are as follows (see Fig. 2):

Locality 1 - Chlorite-sericite schist with strings of 1 to 5mm pyrite grains along foliation planes. Massive chlorite schist with disseminated Py (5%) and Cp (0.5-1% - sample OHMIT001).

Locality 2 - Quartz-sericite schist and cherty quartzite containing banded sulphides (10-20% Py-Po, 0.5% Cp - sample OHMIT002).

Locality 3 - Quartz sericite schist and felsic gneiss containing bands of semi-massive Py and Po (total sulphide - 20-40% - sample OHMIT003).

Locality 4 - Semi-massive to massive sulphide band (bed?) varying in width from 10 to 40cm. Consists of fine grained, brown to black sphalerite intergrown with Po, Py and Cp. Sulphides are hosted by chlorite schist and banded felsic gneiss. Felsic gneiss breccia with massive sulphide matrix also noted at this locality (sample OHMIT004).

Locality 5 - Banded felsic gneiss boulders with 10 to 20% Po and Py. Original location not known. Similar to sample at Locality 3.

Assay results for these samples are attached to the back of this report.

Conclusions and Recommendation:

1. This property contains a hitherto unknown massive sulphide occurrence.

2. The showing is hosted by rocks that are thought to be equivalent to the Homestake Schist; a unit that hosts significant occurrences of massive sulphide and barite in the Agate Bay and at Birk Creek areas.

3. Geophysical and geochemical data indicate a long strike length feature. Its signature is consistent with a shallow dipping sulphide horizon.

4. The land package is currently held by one company and does not have assessment due until October 1992.

5. The anomalies are easily accessible and amenable to diamond drill testing with minimal surface work.

Bearing our new strategy in mind, I feel that the target is consistent with our short and long term objectives in the area. It is in a virgin state without any drilling or trenching. I feel that encouraging results could be rapidly achieved on the property. A program of in-fill geophysics followed by trenching and diamond drilling (approx. \$200,000) would be sufficient to evaluate the existing targets for "Baby Elephant" potential. I recommend that acquire the property.

Dave Heberlein.

