

## Barker Minerals Massive Sulphide Projects Update

Vancouver, B.C., November 18, 2002 – Barker Minerals Ltd., (BML - TSX/V), is pleased to provide an update and summary on its massive sulphide projects which are located 95 km northeast of Williams Lake in Central British Columbia. Barker Minerals has recently completed and filed on SEDAR ([www.sedar.com](http://www.sedar.com)) a technical report conforming to National Instrument 43-101 on its exploration projects, with results and recommendations, up to October 27, 2002. This news release summarizes a part of the content of the technical report. For further details and to view related maps and figures please visit our website [www.barkerminerals.com](http://www.barkerminerals.com) or on the SEDAR website where the entire report may be viewed. The Company's large mineral tenure holding currently consists of 4,092 mineral claim units (approximately 260,000 acres or 105,222 hectares). Precious and base metals have been, and continue to be, the major focus of exploration.

The eastern half of the property contains five massive sulphide exploration project areas, the Ace, Frank Creek, SCR, Cariboo and Peacock areas, each of which contain multiple exploration targets as indicated by geochemical, geophysical and geological data. The western half of the property contains the mineral claims hosting Barker Minerals' Quesnel Platinum Project.

### Ace Project

Within the Ace project area, surface geological, geochemical and geophysical surveys and two episodes of drilling in 1998 and 2002 have defined a belt of metamorphosed and deformed, volcanic rocks (referred to as "Felsite") containing massive and stringer sulphide mineralization, within which are anomalous concentrations of gold (Au), silver (Ag), copper (Cu), lead (Pb) and zinc (Zn). The belt is open along strike in both directions. The anomalous concentrations increase in footwall rocks near the stratigraphic top of the main volcanic section. These patterns show characteristics of footwall rocks beneath a typical VMS deposit. Geophysical surveys have defined another major target located to the southeast of this belt in an apparently outcropless area containing encouraging soil geochemistry. Further exploratory trenching and drilling has been recommended on these targets. Most of the geophysical anomalies obtained in earlier studies have yet to be tested or explained.

Geological mapping will continue in order to improve understanding of the regional structure and the local geology of areas of volcanic rocks that have not yet been examined. This additional mapping is being integrated with that being done between the Ace and Frank Creek areas by Ferri and others of the B.C. Geological Survey. Independent geological consultants from Strathcona Mineral Services (Toronto, Canada) have toured the Ace Project and after inspecting the core from the drill programs of 1998 and 2002 recommended further work including delineation of the felsite unit through mapping, soil geochemistry and geophysical surveys, followed by trenching where possible and drilling of targets which are selected by the combination of magnetic, MaxMin and gravity geophysical surveys. An effort is being made to determine the origin of the "felsite", as this has a bearing on the style of massive sulphide deposits that may exist in relation to this unit on the Company's property.

### Frank Creek Project

The Frank Creek area contains an important massive sulphide occurrence (F-1 target) situated near the stratigraphic top of fragmental, felsic volcanic rocks or feldspathic arkose. This overlies in order, a section of black argillite, siltstone, and an intermediate to mafic volcanic sequence of flows and fine fragmental rocks. Numerous target areas in the Frank Creek area have been defined by both ground and airborne geophysical surveys and geochemical soil surveys, which have yet to be tested by trenching or drilling. The discovery of pillow structures in mafic volcanic rocks in the Frank Creek area indicates a sea-floor subaqueous environment, thereby enhancing the potential for further discoveries of massive sulphide deposits in this belt of rocks.

Drill core from the initial exploratory drilling program at the Frank Creek project area contains intervals of Cu-Zn-Pb (+/- Au, Ag) massive sulphide mineralization that are significant examples of ore formation processes having occurred on the property. The mineralizations encountered in the drill core are similar to that exposed at the discovery outcrop where the discovery outcrop massive sulphide layer has been further exposed by trenching, and the local area has been mapped in detail.

The F-4 target in the Frank Creek project area is comprised of sulphide-rich lenses in metamorphosed, altered, now ankeritic, fine-grained tuffaceous sedimentary rocks of original andesitic basalt composition. A grab sample of this mineralization was collected by an independent source and assayed 8.27% Zn and 791 ppm Cu, with traces of Pb and Ag. Prospecting during the 2002 field season on the F-7 target area resulted in the discovery of massive sulphide float boulders, samples of which contained concentrations of up to 7.3% Zn. The F-7 target area has associated airborne and ground HLEM anomalies, and Cu, Pb and Zn soil anomalies were detected nearby.

Float massive sulphide mineralization has so far been identified on F-1, F-4, F-7 and F-8 target areas, bedrock massive sulphide mineralization has also been identified on the F-1 and F-4 project areas. Since massive sulphide deposits tend to occur in clusters, the Company's chances for discovery of additional massive sulphide mineralization at other target areas throughout the Frank Creek project area may be enhanced.

Independent geological consultants from Strathcona Mineral Services Ltd. (Toronto, Canada) have toured the Frank Creek Project and after inspecting the core from the 2002 drill program have recommended further work including establishing survey grids, mapping, soil sampling, and geophysical surveys similar to those recommended for the Ace Project, followed by trenching and drilling.

### **SCR Project**

The SCR project area contains semi-massive to massive sulphide mineralization in altered volcanic rocks. This project area also contains coincident base-metal soil anomalies and HLEM/Magnetic geophysical anomalies in an area of sparse outcrop. In areas of geophysical and geochemical anomalies, prospecting was successful in discovering float boulders which assayed as high as 17.3% Zn and 6.4% Pb. Further surface exploration including trenching and bedrock sampling in this area is recommended, to be followed by initial exploratory drilling.

### **Cariboo Project**

The Cariboo Prospect, saw limited exploration during 1987 by Gibraltar Mines Ltd. The prospect contains three main stratiform lenses of ankerite, quartz, sphalerite, galena and minor pyrite enclosed in limestone-rich strata of probable Middle Devonian age. Sampling of the zone intermittently over a 1.6 km strike length returned concentrations up to 15% combined Zn/Pb. Grab sample results returned concentrations up to 32.8% Zn, 4.5% Pb, and 63 g/t (2 oz/t) Ag. Compilation of all relevant data and limited diamond drilling is recommended in order to confirm the previous drilling and in order to further define and investigate the size and economic potential of this deposit, which is open in both directions along strike and at depth.

### **Peacock Showing**

According to BC government maps the showing is situated within Barker Minerals' Rollie project area. It is thought that the new Besshi-type VMS mineralization described recently in this area by the BC Geological Survey may be related to this old mineral showing, now since re-discovered. The presence of volcanogenic massive sulphides at the Ace, Frank Creek, Peacock and SCR properties shows that potential exists for massive sulphide deposits across the entire width of the Barkerville terrane.

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