# MINERALS

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# AN EMERGING MINING COMPANY with OUTSTANDING PROPERTIES



## INTRODUCTION

Founded in 1993, Barker Minerals Ltd. discovered and has invested more than \$2.7 million in a gold-bearing, volcanogenic massive sulphide (VMS) zone located along the southern extension of the legendary 3.7 million-ounce historic Cariboo gold district in eastcentral BC, Canada. The Company has now defined several excellent drill targets on the Ace project.

Geologists from the BC Geological Survey and Strathcona Mineral Services Ltd. recently noted that the mineralization on the Ace project is similar to other massive sulphide deposits in BC, including the high-grade Goldstream deposit and Windy Craggy, one of the largest massive sulphide deposits in the world.

Barker Minerals offers shareholders the opportunity to invest in a proven company which has systematically explored and developed a property confirmed to have significant mineral potential. Strong hands-on management, a commitment to building value, and many loyal shareholders have enabled Barker Minerals to develop the Ace project and to discover six additional prospects that occur within the Company's large, 100%-held property.



## **INVESTMENT HIGHLIGHTS**

- Proven 5-year-old company with dedicated management
- Discovered impressive gold-bearing VMS zone
- \$2.5 million invested targets ready for drilling
- Identified 6 additional high-quality prospects on large, 100%- held property
- Strong shareholder support



The original discovery of the Ace project came from a stream sample collected by Louis Doyle from a drainage ditch along a newly constructed

logging road which assayed nearly 4 ounces of gold per ton. Within the following 18 months, the Company documented more than 1,000 mineralized boulders over an 8 km length that contained



Ace Project I.P. Zone

gold as well as zinc, lead, and copper. Assays from 53 samples of sulphide-bearing quartz-rich boulders averaged 3.1 g/t gold (up to 29.0 g/t), and pyrrhotite-rich massive sulphide boulders contained up to 13% combined zinc and lead. The exploration completed to-date has identified the potential for a significant gold-bearing, volcanogenic massive sulphide (VMS) deposit being located at shallow depth directly below this zone of mineralized boulders. Evidence is from the

- following:
  Extensive soil sampling defined distinct zinc/lead and copper geochemical anomalies typical of VMS-style deposits;
- Detailed IP geophysical surveys indicate a strong sulphide-bearing zone directly below the zone of mineralized boulders;

- Surface trenching along the IP anomaly exposed both gold (up to 6.0 g/t) and zinc/lead-bearing lenses of massive sulphides in the underlying bedrock;
- Initial drilling encountered base and precious metal values in rocks typical of VMS deposits.

## DRILLING HIGHLIGHTS

In November 1998, 6 of the 7 initial core drill holes encountered base and precious metal values in felsic rocks, typical of VMS deposits. These results indicate that the mineralized boulders are



Initial drilling completed Nov. 1998

from a nearby source and confirmed the presence of goldbearing VMS mineralization on the Ace project. The Company believes that numerous mineral deposits may be possible along the full length of the 8 km mineralized zone.

The Company has identified six additional prospects on its 100%-held property which now covers approximately 640 sq. km. Here are two of them.

#### **Cariboo Prospect**

Approximately 5 km NW of the Ace project, stratabound zinclead mineralization occurs within a carbonate host rock. Previous drilling in this area identified a resource estimated at 400,000 tonnes with a grade of 4% combined zinc and lead. This included intervals assaying 50% zinc and some lead with individual mineralized horizons ranging up to 8 meters in true



width. Barker Minerals' initial exploration of this area included Mag/VLF geophysical surveys and soil sampling. This work extended the surface Strike length of the known mineralization from 0.4 km to 1.5 km and discovered additional highgrade massive sulphide zones.

Shareholder field trip, August 1998

## Frank Creek Prospect

Located on the western portion of the Company's property, mineralization on the Frank Creek prospect appears to be very similar to the Ace project. Numerous airborne E.M. conductors were identified as part of a preliminary exploration program completed by Rio Algom in 1988. Barker Minerals has determined that these are coincident with a 1.6 km trend of zinc-lead massive sulphide mineralization with grab samples collected from bedrock along this trend reporting values up to 4.5% zinc.

## THE HISTORIC CARIBOO GOLDFIELDS

The Cariboo district is one of Canada's legendary gold mining districts. A discovery in the creek beds in the Barkerville Wells area set off a spectacular gold rush in 1858. An estimated 3.7 million ounces have since been recovered from local riverbeds and from hardrock mines. The Ace project is located along the extension of the same favorable geological terrane, about 40 km to the southeast.

## VIRGIN TERRITORY AND THE ENVIRONMENT

Records indicate that the region hosting the property has been little explored, possibly due to a previous lack of roads. The area

of the Ace project, in fact, has no known previous exploration history. Barker Minerals is fortunate that recent logging is both active and extensive in the area. Not only does this minimize possible environmental concerns, but also provides excellent access into an area that would otherwise be quite remote.





Investor's Appreciation Night, May 30th, 1998

## **COMMITTED TO SUCCESS**

Barker Minerals was born of a chance gold discovery in the fall of 1993. In the years that followed, Company founder and President Louis Doyle assembled an outstanding team of technical and business people and recruited individual supporters who sustained Barker Minerals as a private company. Today, Barker Minerals and Louis Doyle remain fully committed to success and hope to begin confirming a significant mineral deposit that will benefit both the Company's shareholders and the entire Province of BC.

## DIRECTORS

#### Louis Doyle President and CEO

Prior to founding Barker Minerals, Mr. Doyle gained market insight as a very successful mutual fund salesman.

### Colleen A. Doyle

Co-founder of Barker Minerals, Mrs. Doyle has served as director, corporate secretary and office manager for the company over the past four years.

#### Peter Hardychuk

Mr. Hardychuk has successfully operated a trucking company in the Vancouver-Lower Mainland area.

#### Stephen Price LL.B

Member of the law firm of Cherrington, Minten, Easingwood, Kearl, Critchley.

### Jim Kasten M.Sc. (Geology) Secretary

15 years exploration geologist, with experience in investor relations and corporate affairs for Canadian mining companies.

## **EXPERIENCED SUPPORT**

John Payne Ph.D. (Geology) Senior geologist with Vancouver Petrographics, Dr. Payne serves as the Company's principal consulting geologist.

## Grant Hendrickson B.Sc., P.Geo

Founder and managing director of Delta Geoscience Ltd. - which provides geophysical services to the mining industry worldwide.

## Alan S. Dobbs BA.Sc.

Mr. Dobbs is President of Eco-Tek Wastewater Treatments (VCC) Ltd., and assists in the overall operations of the Company.



BARKER MINERALS LTD. 22117 37A Avenue, Langley, BC Canada V2Z 1N9

Tel: 604 530-8752 Fax: 604 530-8751

e-mail: info@barkerminerals.com Website: http://www.barkerminerals.com

Solicitor: Auditor: Koffman Kalef Deloitte & Touche