

# **Barkerville Gold intersects 24.13 g/t au over 12.7 metres at Mosquito Creek**

**Barkerville Gold Mines {TSXV: BGM}** announced additional drilling results from the ongoing 130,000 metre Phase II Island Mountain exploration drilling program at the Company's flagship Cariboo Gold Project. The Company is currently exploring and delineating the Valley Zone with four drill rigs.



**BGM INTERSECTS 24.13 G/T AU OVER 12.70 METRES AT MOSQUITO CREEK**

**Mosquito Creek Also Yields 49.79 g/t Au over 8.05 metres**

TORONTO, ON – May 25th, 2017 – **Barkerville Gold Mines {TSXV: BGM}** is pleased to announce additional drilling results from the ongoing 130,000 metre Phase II Island Mountain exploration drilling program at the Company's flagship Cariboo Gold

Project. The Company is currently exploring and delineating the Valley Zone with four drill rigs.

### **Replacement Mineralisation Intersected Northwest of Mosquito Creek**

Located 160 metres down plunge of the former Mosquito Creek Mine at a vertical depth of 100 metres below surface, drillhole IM-17-100 intersected replacement mineralisation grading 24.13 g/t Au over 12.70 metres. This new faulted occurrence correlates 35 metres up plunge to previously reported Phase I drillhole BGM-16-553 which intersected 56.31 g/t Au over 4.10 metres.

### **New Veining Intersected Northwest of Mosquito Creek**

Drillhole IM-17-107 intersected new auriferous quartz veining grading 49.79 g/t Au over 8.05 metres fifty metres vertically below surface. In this sparsely drilled area, the veining intersection is open for expansion in all directions.

The geometry and hence true width of the potential mineralised zones cannot be assuredly concluded at this time.

**The Company's Exploration Manager, Maggie Layman, P.Geo.,** commented, *"The results from the Island Mountain drilling continue to demonstrate continuity, tenor and size potential of both replacement and vein style mineralisation at shallow depths. The Phase II exploration program on Island Mountain continues to reveal exceptionally high grade intercepts in new zones"*.

## **About the Phase II Program**

The 130,000 metre 2017 Phase II exploratory and delineation drill program on Island Mountain is intended to determine the extent of the vein systems that were historically never explored, and is aimed at discovering new vein systems and sulphide replacement bodies that will ultimately inform a maiden resource at Island Mountain. Four drill rigs are currently delineating additional mineralisation below the former Aurum and Cariboo Gold Quartz Mines which have never been explored since mining operations ceased circa 1960.

## **Qualified Persons**

Exploration activities at the Cariboo Gold Project are administered on site by the Company's Exploration Manager, Maggie Layman, P.Geo. As per National Instrument 43-101 Standards of Disclosure for Mineral Projects, Paul Geddes, P.Geo. Vice President Exploration, is the Qualified Person for the Company and has prepared, validated and approved the technical and scientific content of this news release. The Company strictly adheres to CIM Best Practices Guidelines in conducting, documenting, and reporting its exploration activities on the Cariboo Gold Project.

## **Quality Assurance – Quality Control**

Once received from the drill and processed, all drill core samples are sawn in half, labelled and bagged. The remaining drill core is subsequently stored on site at the Company's secure facility in Wells, BC. Numbered security tags are applied to lab shipments for chain of custody requirements. The Company inserts quality control (QC) samples at regular intervals in the sample stream, including blanks and reference

materials with all sample shipments to monitor laboratory performance. The QAQC program was designed and approved by Lynda Bloom, P.Geo. of Analytical Solutions Ltd., and is overseen by the Company's Qualified Person, Paul Geddes, P.Geo, Vice President Exploration.

Drill core samples are submitted to ALS Geochemistry's analytical facility in North Vancouver, British Columbia for preparation and analysis. The ALS facility is accredited to the ISO/IEC 17025 standard for gold assays and all analytical methods include quality control materials at set frequencies with established data acceptance criteria. The entire sample is crushed and 250 grams is pulverized. Analysis for gold is by 50g fire assay fusion with atomic absorption (AAS) finish with a lower limit of 0.01 ppm and upper limit of 100 ppm. Samples with gold assays greater than 100 ppm are re-analyzed using a 1,000g screen metallic fire assay. A selected number of samples are also analyzed using a 48 multi-elemental geochemical package by a 4-acid digestion, followed by Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) and Inductively Coupled Plasma Mass Spectroscopy (ICP-MS).

For further information on Barkerville Gold Mines Ltd. please contact:

Chris Lodder  
President & Chief Executive Officer  
155 University Avenue, Suite 1440  
Toronto, Ontario, Canada

### **About Barkerville Gold Mines Ltd.**

The Company is focused on developing its extensive land package located in the historical Cariboo Mining District of

central British Columbia. Barkerville's mineral tenures cover 2,110 square kilometres along a strike length of 67 kilometres which includes several past producing hard rock mines of the historic Barkerville Gold Mining Camp near the town of Wells, British Columbia. The QR Project, located approximately 110 kilometres by highway and all weather road from Wells was acquired by Barkerville in 2010 and boasts a fully permitted 900 tonne/day gold milling and tailings facility. Test mining of the Bonanza Ledge open pit was completed in March of 2015 with 91,489 tonnes of material milled producing 25,464 ounces of gold. The Company has completed several drilling and exploration programs over the past 20 years and has compiled this data with all historical information in order develop geologic models which are assisting management in defining new deposits in the Cariboo Gold Project. An extensive drill program is currently underway with the goal of delineating additional high grade gold mineralisation.

#### Cautionary Statement on Forward -Looking Information

Neither the TSX Venture Exchange ('TSXV') nor its Regulation Services Provider (as that term is defined in the policies of the TSXV) accepts responsibility for the adequacy or accuracy of this release. No stock exchange, securities commission or other regulatory authority has approved or disapproved the information contained herein. This news release contains forward-looking information which is not comprised of historical facts. Forward-looking information involves risks, uncertainties and other factors that could cause actual events, results, performance, prospects and opportunities to differ materially from those expressed or implied by such forward-looking information. Forward looking information in this news release includes, but is not limited to, the Company's objectives, goals or future plans, statements regarding exploration results and exploration plans. Factors that could cause actual results to differ materially from such

forward-looking information include, but are not limited to, capital and operating costs varying significantly from estimates, the preliminary nature of metallurgical test results, delays in obtaining or failures to obtain required governmental, environmental or other project approvals, uncertainties relating to the availability and costs of financing needed in the future, changes in equity markets, inflation, fluctuations in commodity prices, delays in the development of projects and the other risks involved in the mineral exploration and development industry, and those risks set out in the Company's public documents filed on SEDAR. Although the Company believes that the assumptions and factors used in preparing the forward-looking information in this news release are reasonable, undue reliance should not be placed on such information, which only applies as of the date of this news release, and no assurance can be given that such events will occur in the disclosed time frames or at all. The Company disclaims any intention or obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, other than as required by law.