Barkerville Gold Mines Intersects 11.18 G/T Au Over 6.70 Metres at Island Mountain

Barkerville Gold Mines Ltd. {TSXV: BGM} announced additional results from the ongoing 2017 Phase II Island Mountain and Cow Mountain exploration drilling programs at the Company's flagship Cariboo Gold Project.

Barkerville Gold Mines Intersects 11.18 G/T Au Over 6.70 Metres in Phase II Drilling at Island Mountain

TORONTO, ON– February 22, 2017 – **Barkerville Gold Mines Ltd. {TSXV: BGM}** is pleased to announce additional results from the ongoing 2017 Phase II Island Mountain and Cow Mountain exploration drilling programs at the Company's flagship Cariboo Gold Project.

The Company is currently exploring and delineating Island Mountain with seven drill rigs and has now mobilized the eighth rig to the untested Tailings Zone which occurs in the valley between Cow and Island Mountains. The Tailings Zone has

not been drill tested since production and development ceased circa 1960. Detailed drilling results, drill hole location plan maps and long sections are presented at the end of this release.

Island Mountain Delineation Drilling

The Phase II delineation drill program at Island Mountain continues to yield high grade intersections of vein hosted gold mineralisation as demonstrated by drillhole IM-17-007 which intersected 11.18 g/t Au over 6.70 metres and IM-17-008 which returned 12.40 g/t Au over 4.50 metres.

These new occurrences of auriferous veining occur in the near surface proximal to the historic Mosquito Creek Mine. Approximately 70 metres down dip of the mine development, drillhole IM-17-013 intersected additional veining grading 34.06 g/t Au over 2.05 metres. The newly discovered Shaft Zone continues to expand as drillhole IM-17-010 intersected auriferous veining grading 7.60 g/t Au over 5.40 metres approximately 20 metres below surface.

Cow Mountain Drilling

Ten large diameter drillholes totaling 1,168 metres have now been completed on Cow Mountain. These holes were specifically designed to collect material for an upcoming metallurgical test as well as providing a basis to ascertain the short-range variability of the vein hosted gold mineralisation and to optimise drillhole spacings for future resource estimations.

Gold assays for drillholes CM-17-001 through to CM-17-004 are detailed in Table 2, with the results of the remaining holes to be disclosed once available. Notable intersections include CM-17-002 which returned 7.10 g/t Au over 10.70 metres and

CM-17-003 which intersected 3.59 g/t Au over 11.50 metres. Now that the material for the metallurgical test has been collected, the rig has been mobilised to the Tailings Zone and will be the first phase of drilling initiated in this area since it was last drilled in 1958. The Tailings Zone represents the deepest development in the historic Cariboo Quartz Gold Mine and was host to not only quartz vein hosted gold but also the higher gold tenor sulphide replacement bodies akin to those observed at Island Mountain.

"These results continue to demonstrate the validity of the geologic model developed by the exploration team resulting in the definition of new areas of mineralization at Island Mountain", commented **Chris Lodder, President and CEO of Barkerville.**

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
Suite 400-365 Bay Street
Toronto, Ontario, Canada
clodder@barkervillegold.com