



February 2, 2011

TSX-V: MGS
Frankfurt: JL4

FOR IMMEDIATE RELEASE

MUSGROVE SIGNS EXPLORATION AND LEASE AGREEMENT
FOR 100% INTEREST IN THE EMPIRE MINE PROJECT

Vancouver, B.C. – MUSGROVE MINERALS CORP. (“Musgrove” or the “Company”) announces that, subject to regulatory approval the Company has signed an Exploration and Lease Agreement with Honolulu Copper and Mackay LLC, for 100% operating interest in The Empire Mine Project. The Empire Mine Project is a polymetallic skarn deposit containing copper, zinc, gold and silver located in the Alder Creek Mining District in Custer County, Idaho. The mine is located on the east-facing slope of the White Knob Mountains approximately three miles west of Mackay, Idaho. The Property consists of 26 patented mining claims, six mill-site claims and 21 unpatented mining claims.

Historic production records indicate the Empire Mine produced 765,000 tons grading 3.64% copper, 0.048 oz/t gold and 1.57 oz/t silver from underground workings in the period 1901 to 1942 (694,000 Tonnes grading 3.64% Cu, 1.65 gm/T Au, and 53.9 gm/T Ag). Geologically, the mineralization is classified as a polymetallic copper-skarn. Mineralization has been encountered over a strike length of 1,200m, thickness of 6m to 73m, and a depth of more than 300m.

In 1997, Cambior Exploration USA Inc. reported a drill-indicated, near-surface, oxide copper resource of 18,230,000 tons grading 0.49% Cu, 0.19% Zn, 0.44 oz/t Ag (13.5 gm/t) and 0.015 oz/t Au (0.48 gm/t), with an additional 9,650,000 tons of material grading 0.29% Cu and 0.31% Zn (Cambior, 1997). A qualified person has not done sufficient work to classify the historical estimate as current mineral resources, the issuer is not treating the historical estimate as current mineral resources and the historical estimate should not be relied upon.

The terms of the Exploration and Lease Agreement include payment of cash and shares (all shares issued are at the election of the Company as follows:

- 1 non refundable \$60,000 cash payment on signing of the agreement
- 2 \$60,000 cash payment – July 31, 2011
- 3 \$14,250 as an advanced quarterly royalty payment on commencement of 12 year mining lease . Expected to commence on October 31, 2011;
- 4 US\$9,000 or the equivalent of common shares – on commencement of the Mining Lease
- 5 \$11,500 or the equivalent of common shares - on completion of a 43-101 compliant reserve calculation of the oxide resource;
- 6 \$31,500 or the equivalent of common shares - On completion of a 43-101 compliant reserve calculation of the underlying sulphide resource;
- 7 \$51,500 or the equivalent of common shares - On completion of 43-101 compliant Feasibility Report;
- 8 \$50,000 or the equivalent of common shares - on completion of Land Exchange with the US Forest Services;

Musgrove Minerals Corp.

Box 12129, 407 – 808 Nelson Street, Vancouver, BC Canada V6Z 2H2 • T 604-633-2442 • F 604-633-2462
www.musgrove minerals.com



- 9 \$175,000 or the equivalent of common shares – on completion of Permit to Operate for commencement of mining.

Musgrove will pay a 2.5% NSR on commencement of commercial production and can purchase up to 1% NSR for US\$2,400,000.

In 2006, Trio Gold Corp optioned 50% of the Empire Mine project to Musgrove. Musgrove drilled 33 diamond and reverse circulation drill holes and commenced preparations on a feasibility report. In 2007, Trio Gold Corp and the property owners commenced legal actions against each other that resulted in a settlement agreement in 2008. As part of that agreement, Musgrove would receive \$1,000,000 as compensation from the property owners group. Due to poor market conditions at that time, the payment was not made.

This Exploration and Lease Agreement resolves past issues and will allow the Company to move forward with the Empire Mine project. This agreement is subject to TSX Venture Exchange approval.

Musgrove will complete the in-fill drill program as outlined in the Company's 43-101 report published in 2006 and work towards completion of the feasibility study and economic exploitation of the deposit.

Jack Bal, President of Musgrove, commented: "We are very excited to get back on the property and complete the exploration work started in 2006."

The qualified person for the technical content of this release is Robert M. Hatch, L.G

BY ORDER OF THE BOARD

"Jatinder (Jack) Bal"

Jatinder (Jack) Bal

President and CEO
MUSGROVE MINERALS CORP.

For further information on Musgrove Minerals Corp., contact Jack Bal at (604) 633-2442, toll free 1-800-667-1442, e-mail jackbal@musgroveminerals.com, or visit our website at www.musgroveminerals.com

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release