



PRESS RELEASE

RON MACDONALD APPOINTED EXECUTIVE CHAIRMAN OF AMERICAN VANADIUM CORP.

January 25, 2012 - AMERICAN VANADIUM CORP. (“American Vanadium” or the “Company”) (TSX.V: AVC) (OTC: RMRCF.PK) announces the appointment of Vice Chairman, Ron MacDonald, to Executive Chairman of the Board of Directors of American Vanadium, effective immediately. Mr. MacDonald will replace Brian McAlister who will continue as a member of the Company’s Board of Directors. Bill Radvak, President and Chief Executive Officer of American Vanadium commented, “We would like to thank Brian for his leadership as Chairman during which we achieved the important milestone of completing a feasibility study late last year.”

Mr. Ron MacDonald’s extensive career has included such positions as: the former Senior Assistant to the Canadian Minister of Foreign Affairs, Deputy Prime Minister, Chief of Staff to the Leader of the Government in the Senate of Canada, Parliamentary Secretary of International Trade and elected Member of Parliament. In addition while President of the Council of Forest Industries; Mr. MacDonald pioneered the development of Asian markets for Canadian lumber products. He was also a contributing member of the OECD Committee on ethical minerals, a contributor to the EU Commission Framework 7 policy paper on ‘Scarcity of Strategic Minerals’ and a speaker at conferences in the USA, Canada and Asia on critical and strategic markets.

“The exciting part of the American Vanadium story is the fact that not only will we be the only mine in the U.S. producing vanadium for the steel industry but will also be the only producer of vanadium electrolyte necessary for vanadium flow batteries, which allow for the mass storage of renewable and conventional energy. Having the only vanadium mine in North America will provide us with a strategic opportunity to play a lead role in establishing that business on this continent and will provide the best return to our shareholders. With the filing of our plan of operations for the Environmental Impact Statement anticipated later this year, the permitting timeline will be longer than originally anticipated which dovetails with our strategy to build the vanadium flow battery business in America.”

The Basic Engineering phase of the Engineering, Procurement and Construction Management (“EPCM”) contract awarded to Scotia International of Nevada, Inc. and the leach pad and civil design and additional geotechnical studies being conducted by AMEC Environment & Infrastructure, Inc. as previously announced on November 7, 2011 are all underway.

About American Vanadium Corp.

American Vanadium is currently developing the Gibellini Project, a vanadium deposit located in Nevada, USA. Vanadium is a critical alloying metal used to strengthen steel and is also growing in importance in emerging uses such as mass energy storage and next generation lithium-vanadium batteries. The Company's Gibellini Project is unique in its design to economically produce vanadium pentoxide for the steel and alloying industries, as well as vanadium electrolyte for the mass storage industry. A positive Feasibility Study and updated National Instrument 43-101 Technical Report on the Gibellini Project have been completed by AMEC E&C Services, Inc. in 2011.

ON BEHALF OF THE BOARD

Bill Radvak, President and CEO

For further information, please contact:

Bill Radvak, *President & CEO*

Phone: (604) 488-5417

Email: bradvak@americanvanadium.com

or

Mike Hyslop, *Director, Corporate Development*

Phone: (604) 488-8795

Email: mhyslop@americanvanadium.com

Web site: www.americanvanadium.com

NEITHER TSX VENTURE EXCHANGE NOR ITS REGULATION SERVICES PROVIDER (AS THAT TERM IS DEFINED IN POLICIES OF THE TSX VENTURE EXCHANGE) ACCEPTS RESPONSIBILITY FOR THE ADEQUACY OR ACCURACY OF THIS RELEASE.

Forward-Looking Statements: This press release contains "forward-looking information" within the meaning of applicable Canadian securities laws, including statements regarding the expected use of proceeds from the Private Placement, and future plans and objectives for the Gibellini Project. Such forward-looking statements involve known and unknown risks, uncertainties and other factors, which may cause the actual results, performance or achievements of American Vanadium to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Forward-looking information includes estimates of mine production rates and mine life, revenues from future mining operations, capital and operating costs, and pay-back period. Factors that may cause actual results to vary include, but are not limited to, actual results of current exploration activities; conclusions of economic evaluations; changes in project parameters as plans continue to be refined; future prices of vanadium; possible variations in reserves, grade or recovery rates; changes to capital and operating cost estimate, delays in obtaining governmental approvals or financing or in the completion of development or construction activities. Although American Vanadium has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. American Vanadium does not undertake to update any forward-looking statements, except in accordance with applicable securities laws.