AMERICAN VANADIUM

THE CRITICAL ELEMENT

PRESS RELEASE

AMERICAN VANADIUM LICENSES VANADIUM ELECTROLYTE INTELLECTUAL PROPERTY FROM BATTELLE

March 26, 2012 - AMERICAN VANADIUM CORP. ("American Vanadium" or the "Company") (TSX.V: AVC) (OTC: AVCVF) announces it has signed a licensing agreement with Battelle for use of a mixed acid electrolyte technology developed at Pacific Northwest National Laboratory ("PNNL") that increases the energy density and operating temperature range of vanadium redox flow batteries. Additionally, as part of a separate agreement, PNNL will independently evaluate the development of American Vanadium's electrolyte, to be produced from its Gibellini Project in Nevada.

"Securing rights to this important intellectual property from a world leading research institute such as Battelle is a strong first step in our strategy to move up the value chain in the mass energy storage industry by leveraging the development of our Gibellini Project, America's only vanadium deposit," stated Bill Radvak, President & CEO of American Vanadium. "Grid scale energy storage is the foundation of renewable energies like wind and solar and the future of American energy distribution, and technical enhancements to vanadium flow batteries such as this will only increase their value in this rapidly growing market."

Peter C. Christensen, commercialization manager at Pacific Northwest National Laboratory stated, "We are pleased to sign this agreement with American Vanadium to commercialize technologies funded by the Department of Energy. Grid scale energy storage is a growing area of focus for this Laboratory and the Department of Energy given the positive impact it will make on the grid when widely deployed. This license and American Vanadium's work are significant steps in the right direction."

Through the Laboratory's Technology Assistance Program, researchers may provide additional support for the development of American Vanadium's electrolyte to ensure its compatibility with both the licensed technology as well as vanadium flow batteries currently being developed and marketed worldwide.

About Battelle

Battelle is the world's largest independent research and development organization. Headquartered in Columbus, Ohio, Battelle oversees 22,000 employees in more than 130 locations worldwide. Battelle has managed the U.S. Department of Energy's Pacific Northwest National Laboratory in Richland, Wash., since the laboratory's inception in 1965.

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. American Vanadium's Gibellini Project is on track to become North America's only primary producer of vanadium

and is being designed 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 were completed by AMEC E&C Services, Inc. in 2011.

ON BEHALF OF THE BOARD

Bill Radvak, President and CEO

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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.