



## PRESS RELEASE

### AMERICAN VANADIUM AIMS TO BE THE GREENEST MINE IN AMERICA

#### VANADIUM BATTERY, SOLAR & WIND MICROGRID BEING EVALUTED FOR THE GIBELLINI PROJECT

April 11, 2012 - AMERICAN VANADIUM CORP. (“American Vanadium” or the “Company”) (TSX.V: AVC) (OTC: AVCVF.PK) has engaged Hanlon Engineering to evaluate the installation of renewable energy generation for the Gibellini Project site in central Nevada. The system would include a vanadium flow battery combined with integrated solar and wind electric power generation capable of providing energy in excess of the needs of the proposed Gibellini Mine.

**“We are taking a leadership role in the development of the vanadium flow battery industry in North America based on having the only significant US based vanadium deposit in the development stage,”** stated Bill Radvak, President & CEO of American Vanadium. **“Demonstrating the viability of renewable power generation combined with vanadium storage batteries to power mining projects is important to both our corporate strategy and our environmental commitment to green energy at the Gibellini.”**

**“In its March 2012 forecast, Lux Research, Inc., estimates grid storage demand will be \$113 billion by 2017 at which time Vanadium Flow Batteries are expected to become the battery leader with a 33% market share,”** continued Mr. Radvak. **“This highlights the growing value of having the only significant in-ground supply of vanadium in the US.”**

#### About Hanlon Engineering & Architecture, Inc.

Hanlon Engineering & Architecture is a multi-disciplined, full service engineering firm. They are a leading supplier of engineering, electrical systems design, construction management, and specialty engineering services in the western United States, as well as Central and South America, with more than 25 years of experience in industrial, technology and manufacturing design.

#### About American Vanadium Corp.

American Vanadium is currently developing the only vanadium mine in the United States. This strategic asset gives the Company the opportunity to vertically integrate itself and its vanadium production into the highest value market, grid energy storage. American Vanadium will be seeking major joint venture partners in the solar, wind and grid-scale battery manufacturing industries.

The Company’s Gibellini Project, located in Nevada, is unique in its design to economically produce vanadium electrolyte for the energy storage industry, as well as vanadium pentoxide for the steel and alloying industries. 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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