The vanadium redox flow battery (VRB, VRFB).

VanadiumCorp is launching many initiatives relating to the development of high purity vanadium required for the rapidly growing application of the VRFB. VRFBs are internationally recognized as proven and commercialized energy storage technology. Since 1984, VRFB technology has evolved parallel to lithium and has increased in energy density for larger applications. Grid scale long duration energy storage is necessary for the emerging need of grid security and modernization. In recent years, the VRFB and high density vanadium lithium batteries have also emerged in applications such as electric vehicles (EVs). There are many advantages of using the single element vanadium in the electrolyte (VE) of a VRFB. The contained VE never degrades, loses charge or emits any heat or emissions. Without any need for disposal, the reusable VE defines the VRFB as 100% green, sustainable energy storage. The VRFB also outperforms most competing technologies to store the intermittent and disruptive nature of renewable energy. The are very few economical sources of VE globally. Developing stable, low cost supply of VE is critical as VE represents ~42% of the cost of the VRFB system as the core component.

VRFBs are emerging as the technology of choice for grid energy storage and renewable energy. VRBs offer longer life cycle to competing technologies, scalability, superior safety, unlimited capacity and utilize 100% reusable battery material.

The Company would also like to amend information contained in a news release issued on November 8, 2016 "Canadian Government Announcement: Defining role in growing vanadium market." The amended disclosure is as follows:

The National Research Council of Canada (NRC), the Government of Canada’s premier research and technology organization, recently published an article about vanadium and energy storage, titled “Defining Canada’s role in a growing vanadium market.” The full NRC article can be accessed on their website. http://www.nrc-cnrc.gc.ca/eng/publications/nrc_pubs/energy_storage/2018/fall/main_article2018.html

VanadiumCorp invites the public to visit www.vanadiumcorp.com for more information.

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.
Cautionary Note - The information in this news release includes certain “forward-looking statements”. All statements, other than statements of historical fact, included herein including, without limitation, plans for and intentions with respect to the company’s properties, statements regarding intentions with respect to obligations due for various projects, strategic alternatives, quantity of resources or reserves, timing of permitting, construction and production and other milestones, are forward looking statements. Statements concerning Mineral Reserves and Mineral Resources are also forward-looking statements in that they reflect an assessment, based on certain assumptions, of the mineralization that would be encountered and mining results if the project were developed and mined in the manner described. Mineral resources that are not mineral reserves do not have demonstrated economic viability. This preliminary assessment is preliminary in nature; it includes inferred mineral resources that are considered too speculative geologically to have the economic considerations applied to them that would enable them to be categorized as mineral reserves, and there is no certainty that the results of the preliminary assessment will be realized. Forward-looking statements involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially from VRB’s expectations include the uncertainties involving the need for additional financing to explore and develop properties and availability of financing in the debt and capital markets; uncertainties involved in the interpretation of drilling results and geological tests and the estimation of reserves and resources; the need for cooperation of government agencies and local groups in the exploration, and development of properties; and the need to obtain permits and governmental approval. VRB’s forward looking statements reflect the beliefs, opinions and projections of management on the date the statements are made. VRB assumes no obligation to update the forward looking statements if management’s beliefs, opinions, projections, or other factors should they change.

SOURCE VanadiumCorp Resource Inc.

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