

Clear Hills Project Progress Report

January 2015

Ironstone is focussed on achieving several near-term key value creation milestones to position the company as an attractive investment for major strategic and institutional players. The company has continued to strengthen its Clear Hills project through many initiatives, with some highlighted below.

HICS Process Commercial Scale-up

Hatch and Ironstone, in conjunction with Hazen Research, have completed its scaled and continuous testing of the [HICS Process](#). With iron metallization in excess of 90%, recoveries of over 80% and significant reduction in phosphorous levels – Ironstone and Hatch have surpassed their early expectations, and are presently gearing up to conduct a 30-fold scaled-up pilot test on commercial scale equipment in the latter part of 2015.

Both Ironstone and Hatch are extremely confident that this new breakthrough iron-making process will attract a lot of interest from iron ore miners and steel-makers seeking to commercialize billions of tonnes of low-grade, high-phosphorous iron ores across the globe. Hatch is currently in discussion with companies interested in taking a close look at the new HICS Process technology, which is co-owned by Ironstone and Hatch.

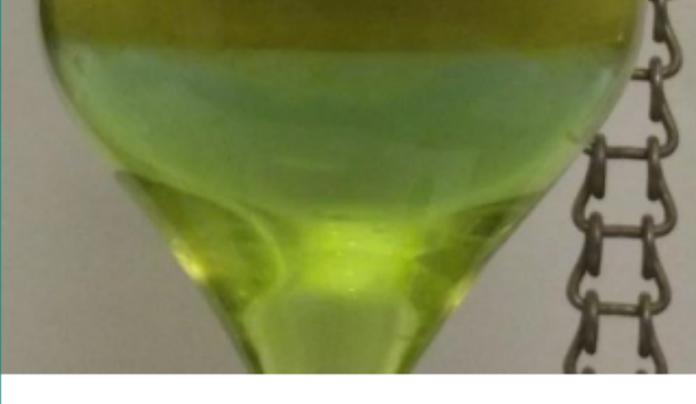


Vanadium Pentoxide Recovery

With demand now outstripping supply and new applications in grid-scale renewable energy storage batteries, developing new low-cost sources of vanadium are increasing in importance. The Clear Hills, containing over 2.4 billion pounds, represents one of the largest compliant resources of vanadium in the world.

Vanadium pentoxide is a valuable by-product in the HICS Process on Clear Hills ore, and can be extracted from the waste stream using several commercial methods. Ironstone, in conjunction with Hatch and Hazen Research have completed a number of concentration tests in late 2014 to determine the efficacy and economics of producing high quality vanadium for use in commercial steel and redox battery applications.

Further tests will be conducted in 2015 to determine the most efficient and cost-effective method to extract and concentrate vanadium prior to a commercial-scale pilot test later in the year.



Strategic Investor Outreach

Ironstone has recently engaged [Roman Friedrich & Co. \(RFC\)](#) with a mandate to introduce Ironstone to key strategic companies in the mining, commodity trading and steel-making industry as potential investors and/or joint venture partners.

Commencing in early January, the program is expected to be conducted through March 2015. Companies interested in participating in the program can contact RFC at (858) 832-8830.



Community & Stakeholder Engagement

As Ironstone advances the development of its Clear Hills project, the company continues to meet with community members and local stakeholders in the Peace Region of Alberta and BC.

Recent meetings were held in High Level, La Crete, Manning, Peace River, Fairview, Worsley, Hines Creek, Dawson Creek, Fort St. John and Fort Nelson.

If your community is interested in meeting representatives from Ironstone to discuss the positive impact of the Clear Hills mineral development, please contact Mika Husband at Ironstone at (403) 640-7977.



Clear Hills Mine Plan in Development

[North American Coal](#), in an alliance with Ironstone, is currently developing Ironstone's preliminary Clear Hills mine plan with an expected completion date in February.

Featuring a relatively low-cost open pit mine design for both the iron/vanadium ore and neighbouring lignite coal, the Clear Hills mine will feature environmentally-friendly electric drag-lines for overburden removal and surface miners to strip the ore body. Rapid reclamation of the pit will be undertaken as ongoing mining operations are conducted.

The mine plan will provide important input into Ironstone's Preliminary Economic Assessment (PEA), expected to be completed by mid-year.



HICS featured in CIM Magazine

The Canadian Institute of Mining, Metallurgy and Petroleum has published a feature article on the Hatch-Ironstone HICS Process in its January 2015 issue of CIM Magazine.

Ironstone believes that it will generate a lot of interest in its technology, as it has the potential to unlock the value of both oolitic and low-grade, high phosphorous iron deposits around the world.

[Read the article here](#)

About Ironstone Resources

Ironstone Resources, headquartered in Calgary, Alberta is in advanced development of its Clear Hills iron and vanadium project, located in the Peace Region of NW Alberta. Featuring a large compliant poly-metallic resource, low impact open pit mining, quality infrastructure, high value commodities, top tier partners and local and institutional support – the Clear Hills project stands apart from traditional iron concentrate producers.

Investor information is available by contacting Ironstone Resources at (403) 640-7977.

For more information on Ironstone and the Clear Hills project, please visit www.ironstoneresources.com