# I-Minerals Achieves High Purity Quartz Results of up to 99.981% SiO2

10.07.2014 | Marketwired

## Standard Flotation Techniques Used to Process Sample From Kelly's Hump

VANCOUVER, BC--(Marketwired - July 10, 2014) - **I-Minerals Inc.** (TSX VENTURE: IMA) (OTCQX: IMAHF) **("the Company")** has received high purity quartz results from Cerium Laboratories of Austin Texas from a sample excavated from the Kelly's Hump portion of the Bovill Kaolin Deposit, part of the Company's Helmer Bovill property. The sample was first shipped to Ginn Mineral Technologies where the halloysite-kaolinite fraction was removed and the remaining quartz-potassium feldspar ("K-spar") sand fraction was sent to North Carolina State University's Minerals Research Laboratory ("MRL"), where after tertiary grinding, the quartz and K-spar in the sand fraction are separated using standard wet flotation and dry rare earth magnetic separation techniques. High purity products with less than 189 PPM of total impurities or 99.981% $SiO_2$ were achieved.

A total of 162 lbs (74 kg) of feldspathic sand was processed on the bench scale. The primary float was to separate the K-spar and the quartz. The quartz tails from this primary float were then subjected to a series of additional floats to remove residual K-spar, mica and other impurities from the quartz products. Three grades of the quartz product were produced. A Quartz 1 or Q1 product being the standard one float product, a Quartz 2 or Q2 product where the quartz sand is floated a second time to remove additional impurities and a Quartz 3 or Q3 product where the Q2 product is floated a third time to further remove impurities. Average results from a series of bench scale flotation results are as follows:

| Product | Total Impurities (ppm) | Sio2 purity (%) |
|---|---|---|
| Quartz 1 | 439.69 | 99.956 |
| Quartz 2 | 233.38 | 99.976 |
| Quartz 3 | 188.69 | 99.981 |

The majority of the impurities are Al, K and Na and are likely the result of trace amounts of feldspar reporting to the quartz concentrate.

This bench scale flotation work has resulted in the production of 27 lbs. (12 kg) of K-spar, 17 lbs. (8 kg) of Q1 product; 16lbs. (7 kg) of Q2 product and 16lbs. (7 kg) of Q3 product. Approximately half of the volume of each of the three quartz products will now be sent for melt testing to confirm the high purity quartz products perform acceptably when melted. As noted in the Company's press release of June26, 2014 a 35 ton bulk sample has been extracted from 6 locations within the Kelly's Hump area and has been sent to Ginn / MRL for pilot plant scale processing. The objective of this statistically representative sample is to confirm these very encouraging bench scale results from Kelly's Hump.

In a related matter, I-Minerals has engaged Dr. Thomas Gallo as a consultant to oversee ceramic test work and market development. Dr. Gallo is currently COO of BelloLea Artisan Kitchen, of Asheville, NC. Prior to founding BelloLea, Dr. Gallo was the General Manager - Corporate Research for Unimin Corporation in Spruce Pine North Carolina where his group developed new products including Iota-8 and Iota-9 and solved production issues. Dr. Gallo coordinated and oversaw research and technical service projects and started-up new product pilot plants. Prior to joining Unimin Dr. Gallo was a Senior Research Scientist with Akzo Chemicals where he worked on high purity synthetic materials including silica, titanium carbide and high surface area catalyst materials. Dr. Gallo, a graduate of Rutgers University where he earned a Ph.D. in Ceramic Science & Engineering with a minor in Chemistry, has written numerous technical papers and

received several patents for ceramic related work.

"The Kelly's Hump area of the Bovill Kaolin project is readily shaping up to be the priority focus for future mining efforts," stated Tom Conway, President and CEO of I-Minerals. "Kelly's Hump has returned some of the highest concentrations of high aspect ratio halloysite, excellent K-spar product and the latest results show that the quartz easily cleans up to a high purity product. With the addition of Thomas Gallo to our team we are better positioned to compete in the highly competitive quartz markets."

A. Lamar Long, CPG, is a qualified person ("QP") for I-Minerals Inc. and has reviewed and approved the contents of this release.

**About I-Minerals Inc.**

I-Minerals is developing multiple deposits of high purity-high value halloysite, quartz, potassium feldspar and kaolin at its strategically located Helmer-Bovill property in north central Idaho. A 2014 Prefeasibility Study on the Bovill Kaolin Deposit completed by SRK Consulting (USA) Inc. highlights the potential of the Helmer-Bovill property's Bovill Kaolin deposit: after tax $NPV_6$ of $212 million; 30.5% IRR; 3 year payback and $72.7 million initial CAPEX; $84 million CAPEX including life of mine sustaining capital over a 25 year mine life. Ongoing development work is focused on moving project through the feasibility process towards production.

I-Minerals Inc.

per: "*Thomas M. Conway*"

Thomas M. Conway,
President & CEO

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