

QUÉBEC INNOVATIVE MATERIALS CORP.  
CANADIAN SECURITIES EXCHANGE: QIMC  
FRANKFURT EXCHANGE: 7FJ



## QI MATERIALS CONFIRMS HIGH GRADE SILICA PURITY OVER 99.5% AT THE RIVER VALLEY SILICA PROJECT

**Lachute, Québec, December 12, 2023** – Québec Innovative Materials Corp. (“**QI Materials**”, “**QIMC**”, or the “**Company**”) (CSE: **QIMC** ; FSE: **7FJ**) is pleased to announce that high grade silica purity results of over 99.5% have been proven at the Company’s wholly owned River Valley Silica Project (the “**Project**”).

In October 2023, the QI Materials field team collected roughly 75 channel samples from surface exposure. As shown on the attached Table 1, 19 of the samples collected are over 99% pure SiO<sub>2</sub>, with the highest being 99.52% and, the average across the sample set being 98.72% SiO<sub>2</sub>. It is expected that a degree of contamination from surface contamination (surface water infiltrating cracks and fractures, oxidation, and surface debris) is likely affecting these results.

The River Valley Silica Project consists of a high purity quartz vein. The quartz vein is directly on surface is mapped to be over 300m long and over 40m wide. The Project is located approximately 65km northeast from Sudbury, Ontario.

*“We are extremely happy with the results, as expected the average grade from the surface material is very good and we expect it to improve with depth into the quartz vein formation”* stated Raymond Wladichuk, CEO of QI Materials Corp.

The samples were sent to ALS Global in Val d’Or, Québec, where they underwent the below analytic procedures. QI Materials implemented QA/QC measures by means of inserting SiO<sub>2</sub> standards, and blanks into the sample stream at industry standard intervals.

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
OA-GRA05x	LOI at 1000C for XRF	WST-SEQ
ME-4ACD81	Base Metals by 4-acid dig.	ICP-AES
ME-MS81	Lithium Borate Fusion ICP-MS	ICP-MS
ME-XRF26	Whole Rock By Fusion/XRF	XRF



## **Qualified Person**

Raymond Wladichuk, P.Geo., (OGQ permit number: 02287), is the CEO of Québec Innovative Materials Corp., and a Qualified Person for National Instrument 43-101 – Standards for Disclosure of Mineral Projects, has reviewed and approved the scientific and technical information contained in the news release.

The results in the attached Table 1 have been sorted in order of decreasing purity, then QA/QC standards and blanks have been removed, and samples collected from outside the quartz body such as country rock or marginal contact zone material has been removed from the sample set.

*Please be advised that a qualified person has not completed sufficient work to classify any mineral resources as defined by National Instrument (NI) 43-101; it is therefore uncertain if future exploration will result in the delineation of mineral resources.*

## **About High Purity Quartz**

High purity quartz (SiO<sub>2</sub>) plays a pivotal role in two critical technologies shaping the future: solar panels and lithium silicon anode batteries. In the realm of renewable energy, quartz is the raw feed source of silicon metal (Si), a fundamental component in producing high-efficiency solar panels. Beyond solar panels, silicon metal is also a promising ingredient in lithium silicon anode batteries, offering the potential for increased energy storage capacity and improved battery performance, underscoring the indispensable role of quartz in advancing sustainable energy and cutting-edge technology. Furthermore, quartz-derived silicon has gained significant strategic importance, recently earning a place on the USA's strategic mineral list.

## **About Québec Innovative Materials Corp.**

Québec Innovative Materials Corp. (CSE: QIMC; FSE: 7FJ) (formerly Québec Silica Resources Corp.) is a mineral exploration, and development company with a portfolio of natural resource assets including high grade silica, hydrogen, and helium properties. QIMC is working toward becoming a sustainable supplier of resources which are essential in advanced batteries and the electrification of the green economy. The Company has a 100% interest in the Charlevoix Silica Project, near Clermont, Québec, Canada, the River Valley Silica Project near Sudbury, Canada, as well as other mineral properties in Québec. The Company also performs pilot processing on industrial minerals, refining processes to create custom products.

Additional information on Québec Innovative Materials Corp. is available at [www.gimaterials.com](http://www.gimaterials.com).

On Behalf of the Board of Directors,

**QUÉBEC INNOVATIVE MATERIALS CORP.**

"Raymond Wladichuk, P.Geo."

Chief Executive Officer

For further information, please contact:

Investor Relations

Tel: +1 (514) 358-8840

Email: [info@qimaterials.com](mailto:info@qimaterials.com)

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**Forward-Looking Statements**

*This news release contains statements that constitute "forward-looking statements". Such forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause Québec Innovative Materials' actual results, performance or achievements, or developments in the industry to differ materially from the anticipated results, performance or achievements expressed or implied by such forward-looking statements. Forward-looking statements are statements that are not historical facts and are generally, but not always, identified by the words "expects," "plans," "anticipates," "believes," "intends," "estimates," "projects," "potential" and similar expressions, or that events or conditions "will," "would," "may," "could" or "should" occur.*

*Although Québec Innovative Materials believes the forward-looking information contained in this news release is reasonable based on information available on the date hereof, by their nature, forward-looking statements involve assumptions, known and unknown risks, uncertainties and other factors which may cause our actual results, performance or achievements, or other future events, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.*

*Examples of such assumptions, risks and uncertainties include, without limitation, assumptions, risks and uncertainties associated with general economic conditions; the Covid-19 pandemic; adverse industry*

*events; future legislative and regulatory developments in the mining sector; the Company's ability to access sufficient capital from internal and external sources, and/or inability to access sufficient capital on favorable terms; mining industry and markets in Canada and generally; the ability of Québec Innovative Materials Corp. to implement its business strategies; competition; and other assumptions, risks and uncertainties.*

*The forward-looking information contained in this news release represents the expectations of the Company as of the date of this news release and, accordingly, is subject to change after such date. Readers should not place undue importance on forward-looking information and should not rely upon this information as of any other date. While the Company may elect to, it does not undertake to update this information at any particular time except as required in accordance with applicable laws.*