

QI MATERIALS STARTS PRELIMINARY MODELLING OF HIGH-GRADE SILICA PROJECTS

Lachute, Québec, October 24, 2023 – Québec Innovative Materials Corp. (“**QI Materials**”, “**QIMC**”, or the “**Company**”) (CSE: **QIMC** ; FSE: **7FJ**) is pleased to provide an update on the Company’s ongoing silica projects.

River Valley Silica Project

The QI Materials field team has completed the first pass of field exploration and development work on the Company’s wholly owned River Valley Silica project, located in the Sudbury mining division of Ontario, Canada. The Company is now processing the data and commencing preliminary modelling and quarry designs.

Figures 1 and 2 below depict examples of the visually highly pure quartz samples recovered from the quartz vein.

The QI Materials team performed a variety of work scopes in the advancement of this project which included:

- Establishment of access
- Detailed topographic survey of the silica formation
- Quartz outcrop stripping and cleaning
- Detailed geological mapping, sampling, and channel sampling
- Sample collection for metallurgical and other analysis
- Sample collection for testing with the QI Materials’ pilot plant

The Company also performed a site visit with the engineering team from OptiSim Mining Solutions, of Sudbury, Ontario ([See news release Oct-11-2023](#)) for the purpose of preliminary quarry design, engineering, and permitting.

Figure 1 – Visual high purity quartz samples from the River Valley Silica Project quartz vein.



Figure 2 – Quartz outcrops with technicians performing detailed topographic survey



Charlevoix Silica Project

The QI Materials team is currently at the Charlevoix Silica Project completing the final field work of the season. The team is following up on the newly discovered high grade zones announced in August 2023 ([See news release](#)). The scope of this program includes:

- Establishing access to the new high-grade zones
- Detailed geological mapping and sampling
- Quartzite outcrop stripping and cleaning
- Channel sampling
- Exploration and prospecting to trace out the surface expression of the quartzite formation
- Sample collection for metallurgical and other analysis
- Sample collection for testing with the QI Materials' pilot plant

Samples from both the River Valley and Charlevoix Silica Projects are being processed and prepared for shipment to various clients for evaluation, as well as to potential future customers.

“We are very happy to be moving forward on two work fronts (Charlevoix and River Valley). We believe both projects represent ~~volumes~~ of high-grade quartz material”. Stated Raymond Wladichuk, CEO of QI Materials Corp.

About High Purity Quartz

Highly pure quartz (SiO₂) 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) (previously 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, and the River Valley Silica Project, near Sudbury, Ontario, 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.qimaterials.com.

Raymond Wladichuk, P.Geo., (OGQ permit number: 02287, PGO license number: 3526), 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 the scientific and technical information contained in this news release.

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.

On Behalf of the Board of Directors,

QUÉBEC INNOVATIVE MATERIALS CORP.

"Raymond Wladichuk, P.Geo."

Chief Executive Officer

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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.