

SGS – Metallurgy and Consulting – Supporting the Battery Industry

When you need
to be sure

SGS

Pilot Plant Testing, Lakefield,
Ontario Canada

SGS - a leader in the testing, inspection and certification

Global service, local expertise



**Industry
leader**



**99,600
employees**



**2,600 offices
and laboratories**



**5
business lines**

Wherever you are, whatever your industry, our experts worldwide provide specialized solutions to make your business faster, simpler and more efficient.



- > Process modelling
- > Process optimization



- > Exploration services
- > Resource & reserve estimation
- > Mine planning & design



- > On-site plant & laboratory
- > Process audits & metal accounting
- > Staffing solutions



- > Mineralogy
- > Metallurgy
- > Modeling & simulation



- > Process development
- > Feasibility studies & design
- > Project management services



- > Bench scale testing
- > Pilot scale testing
- > Mineralogy



84 years

of metallurgy
operations in NAM

+22,000

Completed
metallurgical
projects

5

Locations across
NAM

SGS – Supporting the lithium-ion battery industry

Metallurgy Mineralogy

- Process development and testing at the laboratory, pilot and demonstration scale for the recovery of battery metals as high purity compounds from –
 - Ores, concentrates and tailings
 - Black mass
- Project derisking
- Production of high purity market samples

Geochemistry

- Analytical characterization
- Certificates of analyses
- Method development

Mineralogy

- Understanding the mineralization of the critical mineral ore
- Battery material characterization

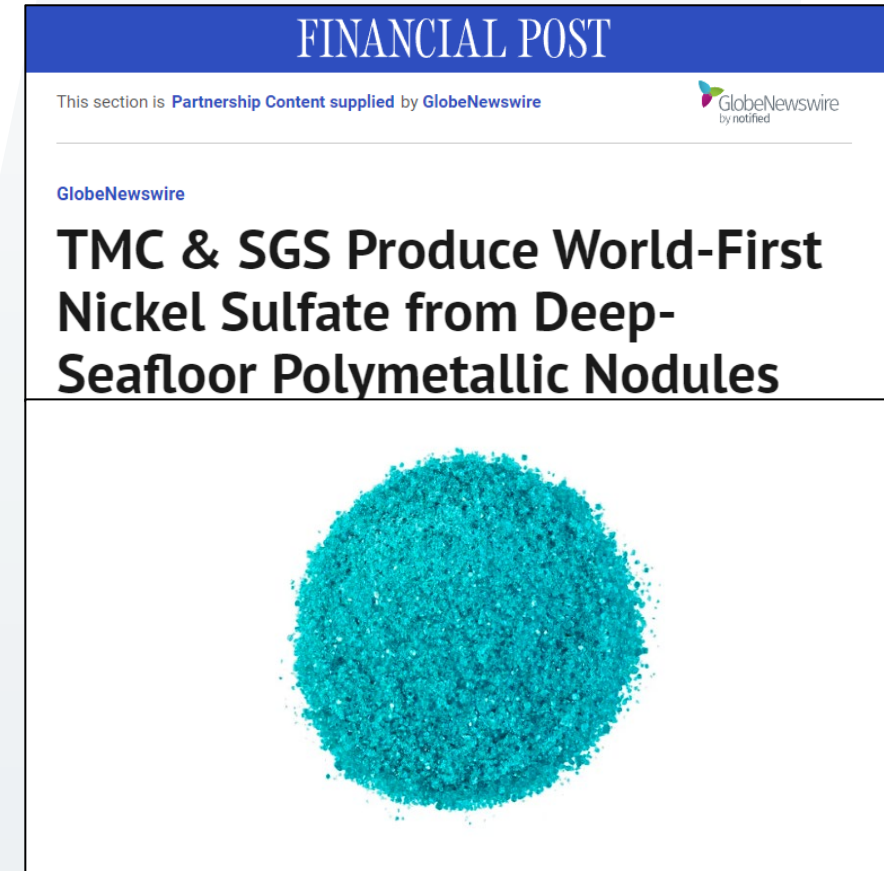
Trade

- Quantity and quality control supporting commercial transactions involving products within the value chain

SGS: Leadership in the Battery and Critical Minerals Market

SGS Leadership

- Joined forces with CNETE to advance innovation within the Battery Hub in the Province of Quebec
- SGS was the only TIC company to participate in the White House event on *Building a Sustainable U.S. Battery Supply Chain* (June, 2024)
- SGS personnel positioned across various media outlets such as BNN as thought-leaders in the critical minerals space





Environmental Analysis, Germany

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Thank you!

Feel free to reach out.

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<https://www.sgs.com/en/natural-resources>