# Homerun Resources Inc. Announces Positive Results of Confirmation Testing by Minerali Industriali Engineering on the Santa Maria Eterna Silica Sand for the Manufacture of Antimony-Free Solar Glass

written by Raj Shah | December 11, 2025

**KEY HIGHLIGHTS:**

- MIE has successfully completed testing, confirming suitability of Santa Maria Eterna silica sand for high quality, antimony-free glass manufacturing.
- Initial material quality is extremely high allowing for minimal upgrades to achieve the technical requirements for solar glass manufacturing.

December 11, 2025 (Source) – **Homerun Resources Inc. (TSXV: HMR) (OTCQB: HMRFF) ("Homerun" or the "Company")** is pleased to announce that the Company has received a Lab Scale Treatment Test Report from **Minerali Industriali Engineering Srl ("MIE" and MIE Report)** (see press release from November 18th, 2025) of the high purity, low iron silica sand from Santa Maria Eterna, Belmonte, Bahia, Brazil, confirming its application for the manufacture of antimony-free solar glass. This work is a key

third-party deliverable under the Company's ongoing Bankable Feasibility Study.

As previously announced, Homerun has completed a 43-101 compliant Technical Report with Mineral Resource Estimate containing a preliminary resource of **25.56 Mt Measured and 38.35Mt Inferred** of high-purity silica sand **(>99.6% SiO2**). This Mineral Resource Estimate is from only one of the three assets controlled by Homerun in the District.

**Please view NI 43-101 Technical Report here: https://homerunresources.com/ni-43-101-belmonte/**

The MIE Report starts with a characterization of the unwashed raw silica sand, which confirms the inherent low-contaminant nature of this unique material, with purity of 99.7% and only 24ppm of Iron/Fe.

Two sets of tests are conducted: (1) the basic solution, consisting of wet screening; and (2) the complete solution, consisting of attrition washing and grain size classification, gravimetric separation and magnetic separation. XRF analysis was performed on all treatment outputs:

1. The basic solution showed a reduction of almost all residual contaminants within the desired range (Iron/Fe was reduced to 14 ppm), and only one contaminant was slightly above the desired range (Titanium/Ti).
2. The complete solution test showed 100% compliance on the first stage (attrition washing and screening), with Iron/Fe reduced to 8ppm and all other contaminants well below acceptable ranges.

These results are encouraging, confirming that very simple silica sand processing techniques meet or exceed the required

specifications.

“These results confirm our initial expectations, that mother nature has performed most of the work needed to make the Santa Maria Eterna silica sand a very unique material, giving Homerun an important competitive edge in the production of antimony-free solar glass,” stated Armando Farhate, COO of Homerun.

**About Minerali Industriali Engineering Srl** (https://www.mineraliengineering.it/)

With over 100 years of experience in the mining processing sector, Minerali Industriali Engineering is the ideal partner for the treatment of non-metallic ores, especially for the wet and dry dressing of silica sand. *Solution 360*: MIE offers a treatment solution for raw materials from the very first step, the geological survey of the deposit and analysis of relevant samples, to the final realization of the turnkey plant, passing from the engineering and design of each single treatment process and machine. MIE can also support its customers during the start-up stage and through personnel training. Cooperating with the leading credit institutions, we are also available to study financial solutions with our customers.

**About Homerun** (www.homerunresources.com / www.homerunenergy.com)

Homerun Resources Inc. (TSXV: HMR) is building the silica-powered backbone of the energy transition across four focused verticals: Silica, Solar, Energy Storage, and Energy Solutions. Anchored by a unique high-purity low-iron silica resource in Bahia, Brazil, Homerun transforms raw silica into essential products and technologies that accelerate clean power adoption and deliver durable shareholder value.

- Silica: Secure supply and processing of high-purity low-iron silica for mission-critical applications, enabling

premium solar glass and advanced energy materials.

- Solar: Development of Latin America's first dedicated 1,000 tonne per day high-efficiency solar glass plant and the commercialization of antimony-free solar glass designed for next-generation photovoltaic performance.
- Energy Storage: Advancement of long-duration, silica-based thermal storage systems and related technologies to decarbonize industrial heat and unlock grid flexibility.
- Energy Solutions: AI-enabled energy management, control systems, and turnkey electrification solutions that reduce costs and optimize renewable generation for commercial and industrial customers.

With disciplined execution, strategic partnerships, and an unwavering commitment to best-in-class ESG practices, Homerun is focused on converting milestones into markets—creating a scalable, vertically integrated platform for clean energy manufacturing in the Americas.

**On behalf of the Board of Directors of**
**Homerun Resources Inc.**

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