Larvotto Acquires ECORE Technology to Enhance Hillgrove Exploration and Processing

Highlights

- ECORE core scanning system acquired to support exploration and metallurgical development activities at the Hillgrove Antimony-Gold Project
- Hillgrove will be the only minesite in Australia with laser ablation and atomic emission spectroscopy capability highlighting its commitment to using the lastest technology to produce the best production results
- Larvotto using ECORE to immediately scan Hillgrove drill cores after drilling, providing near real-time multi-element and mineral maps and data
- The ECORE technology helps Larvotto's exploration team to streamline geological logging and targeting, optimise sample selection, and build a digital geological library
- Beyond exploration, ECORE is used for pre-feasibility and metallurgical testing, optimising grinding and liberation, and troubleshooting process control
- Larvotto on track to become the next major antimony producer, set to produce 7% of global antimony requirement

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Larvotto Resources Limited (**ASX: LRV**, '**Larvotto**' or 'the **Company**') is pleased to announce that it has acquired Elemission's ECORE core scanning system to support exploration and metallurgical development activities at the Company's 100%-owned Hillgrove Antimony-Gold Project in New South Wales.

ECORE is an advanced, automated drill core scanner that is providing Larvotto with detailed quantitative mineralogy in near real time. Its high speed is allowing the Company to make faster, data-driven decisions across exploration and processing workflows.

Larvotto Resources Managing Director, Ron Heeks, commented:

"Integrating ECORE into our workflows provides Larvotto with a powerful new capability to understand the Hillgrove deposit from both geological and metallurgical perspectives. This cutting edge technology enables us to generate high-quality mineralogical information in hours rather than weeks, significantly improving how we do business from exploration drilling to processing.

"The addition of this capability represents a major step forward in Larvotto's adoption of advanced, automated mineralogy to optimise project evaluation and process design. As we progress towards commissioning of the Hillgrove Project, ECORE supports our intention to continually grow the Hillgrove Project in the coming years through ongoing exploration and metallurgical testwork. We look forward to taking advantage of what ECORE can offer and realising its value as an advanced exploration and processing tool."

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Figure 1 *The ECORE core scanning system installed in the Larvotto exploration facility*

Accelerating Exploration

The ECORE system, developed by Elemission Inc, uses laser ablation and atomic emission spectroscopy.

Larvotto is using ECORE to immediately scan drill core after drilling, providing near real-time multi-element and mineral maps and data. The rapid feedback allows Larvotto to identify mineralised zones, alteration halos and key textural relationships crucial for understanding ore continuity and zonation.

The ECORE technology helps Larvotto to:

- Streamline geological logging and targeting, improving interpretation accuracy and reducing the turnaround time from drilling to decision making
- Optimise sample selection for laboratory assays and metallurgical testwork, directing resources towards the most prospective intervals
- Build a digital geological library of the Hillgrove system, ensuring a consistent, objective and searchable mineralogical dataset to support long-term exploration and modelling efforts.

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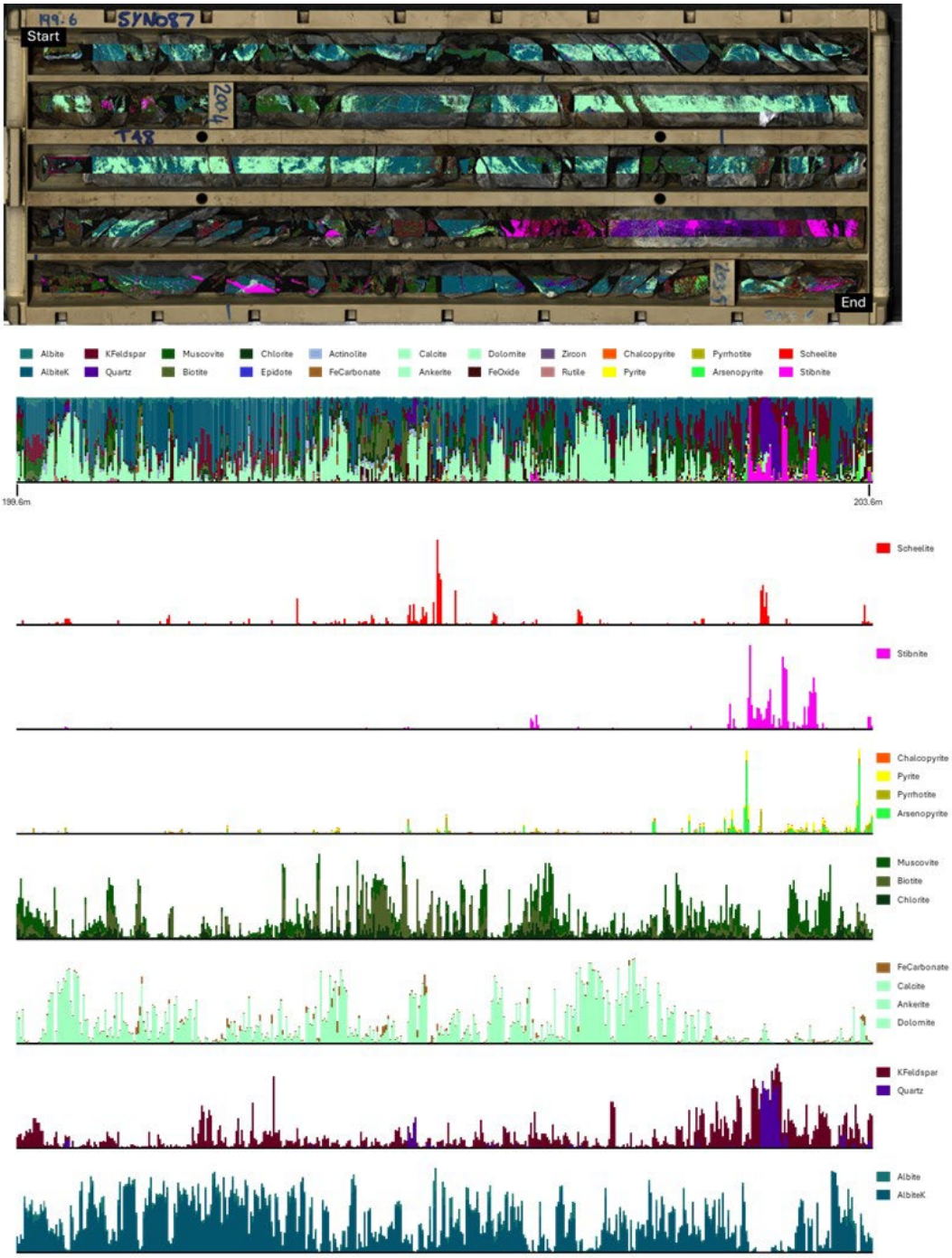

Figure 2 *Mineral map and downhole mineralogy data from Hillgrove produced with ECORE*

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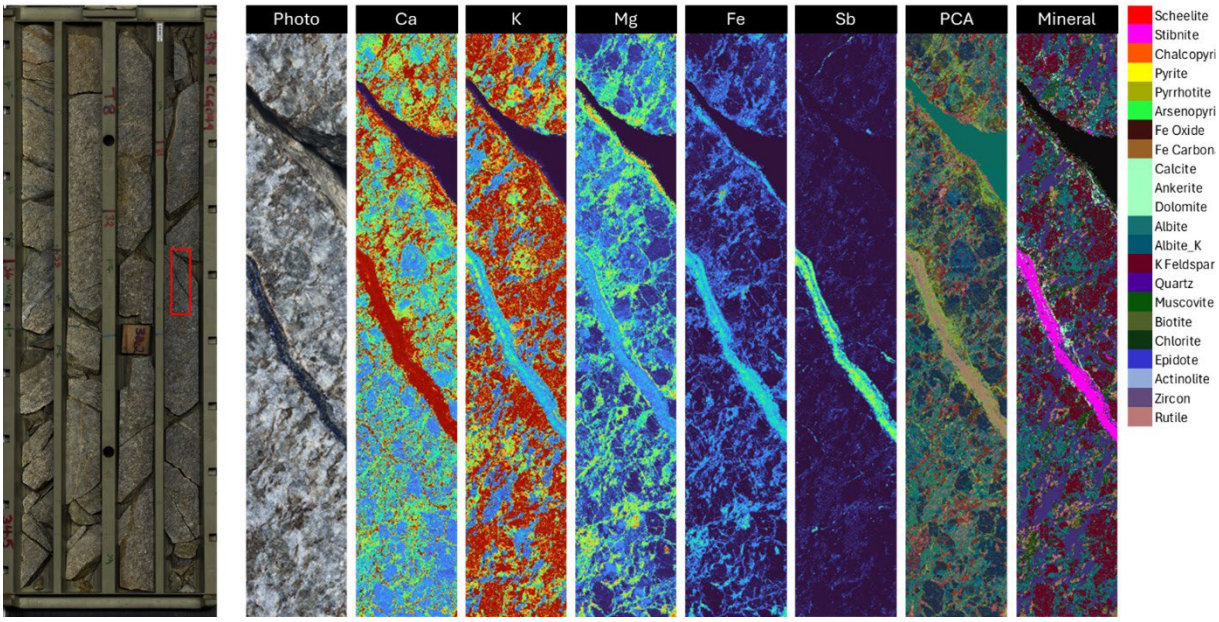

Figure 3 *Element and mineral maps produced at Hillgrove with ECORE*

Metallurgical Optimisation

ECORE will play an important role for Larvotto in process development, providing information such as grain size, mineral associations and texture, which are linked to plant performance. The technology will be critical for:

- Pre-feasibility and metallurgical testing, helping metallurgists design initial testing programs and anticipate processing challenges based on the scans of geometallurgical cores or rock chips.
- Optimising grinding and liberation, enabling metallurgists to better understand mineral liberation characteristics and, with this, calibrate and optimise grinding circuits and flotation processes.
- Troubleshooting and process control by quickly analysing feed ore and aid in the diagnosis of plant issues

This insight will support Larvotto's efforts to improve metal recovery, optimise grinding and flotation parameters, and evaluate potential re-processing opportunities in historical tailings and waste material.

The system's rapid analysis bridges the gap between exploration and metallurgy, ensuring that geological variability is directly linked to downstream processing performance.

This announcement has been authorised for release by the Board of Directors.

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About Larvotto

Larvotto Resources Limited (ASX:LRV) is actively advancing its portfolio of in-demand minerals projects including the Hillgrove Antimony-Gold Project in NSW, the large Mt Isa copper, gold, and cobalt project in Queensland, and the Eyre multi-metals project located in Western Australia. The Larvotto board has a mix of experienced explorers, corporate financiers, ESG specialist and corporate culture to progress its projects.

Visit www.larvottoresources.com for further information.

Figure 4 *Hillgrove Geological team with ECORE Elemission technician*

DIRECTORS		
Mr Mark Tomlinson	Mr Ron Heeks	Ms Rachelle Domansky
Non-Executive Chair	*Managing Director*	*Non-Executive Director*

PROJECTS		
Hillgrove Au, Sb	Mt Isa Au, Cu, Co	Eyre Ni, Au, PGE, Li
Hillgrove, NSW	*Mt Isa, QLD*	*Norseman, WA*