17 March 2025

RML TO IMMEDIATELY PROGRESS ITS NEWLY ACQUIRED DRAKE EAST HIGH GRADE ANTIMONY & GOLD PROJECT IN NSW

HIGHLIGHTS

- **LiDAR study commenced at Drake East High Grade Antimony & Gold project. Initial results expected in approximately 10 business days.**
- **Comprehensive desktop review underway.**
- **All-time record high Antimony and Gold prices.**
- **RML's Drake East Antimony Project is located immediately adjacent to Legacy Minerals' (ASX:LGM) Drake Gold-Copper Project where LGM (market cap $22m)[1] is developing a large epithermal gold-copper mineralised system.**
- **RML's acquisition of this highly prospective antimony project was subject of a prior ASX announcement on 10 March 2025.**
- **LGM's Drake Project area hosts dozens of antimony occurrences which are concentrated close to the western boundary of RML's Drake East.**
- **Recent LGM rock chip results (ASX announcement 26 February 2025) includes 30% Sb and 0.38g/t Au (Sample 9979) from their Lunatic Prospect, which is only 2.2km from Drake East.**
- **As previously announced by RML (ASX announcement 10 March 2025) Drake East hosts high-grade antimony (Sb), high-grade gold (Au) and high-grade silver (Ag) mineralisation including peak values of:**
  - **5.72% Sb**
  - **60.9 g/t Au**
  - **214 g/t Ag**
- **RML's Drake East Project antimony occurrences, which cover a large area with a strike length of over 15km, are considered part of the same broader trans-project-scale antimony mineralised zone that occurs on Legacy's Drake Project.**
- **RML activating further initiatives to fast-track its High-Grade Antimony & Gold Projects which will be announced in due course**

Antimony-gold focused exploration company Resolution Minerals Ltd ("**RML**" or the "**Company**") (**ASX: RML**) is pleased to announce the commencement of exploration at its newly acquired Drake East Antimony-Gold Project, located in NSW, Australia (subject of ASX announcement of 10 March 2025). High quality Light Detection and Ranging ("LiDAR") data is being acquired and interpreted for the purposes of generating targets for further investigation and possible drilling.

It is anticipated that this work will greatly enhance the antimony prospectivity of the project by revealing, among other things, the extent of the antimony workings located at Drake East.

1. At $0.18 per share (14/3/25)

More broadly, the Company is embarking on a strategy of acquiring quality antimony assets in light of the strong growth forecast of this critical metal, which has already seen a 250% price rise in 2024 amidst global supply shortage concerns following China's ban on antimony exports.

RML has engaged LiDAR specialist consultancy, GeoCloud Analytics, to conduct a comprehensive LiDAR interpretation study over the project area (Figure 1). The objective of the interpretation is to identify historic workings and geomorphological features (such as, but not limited to, faults and share zones) relating to antimony (and gold) mineralisation.

GeoCloud completed a similar interpretation for Legacy Minerals on the adjacent project area which resulted in over a 100% increase in the known historic mines and workings. Link to Legacy Minerals 16 December 2024 ASX announcement: ASX:LGM - Over 100% Increase in Historical Mines identified at Drake

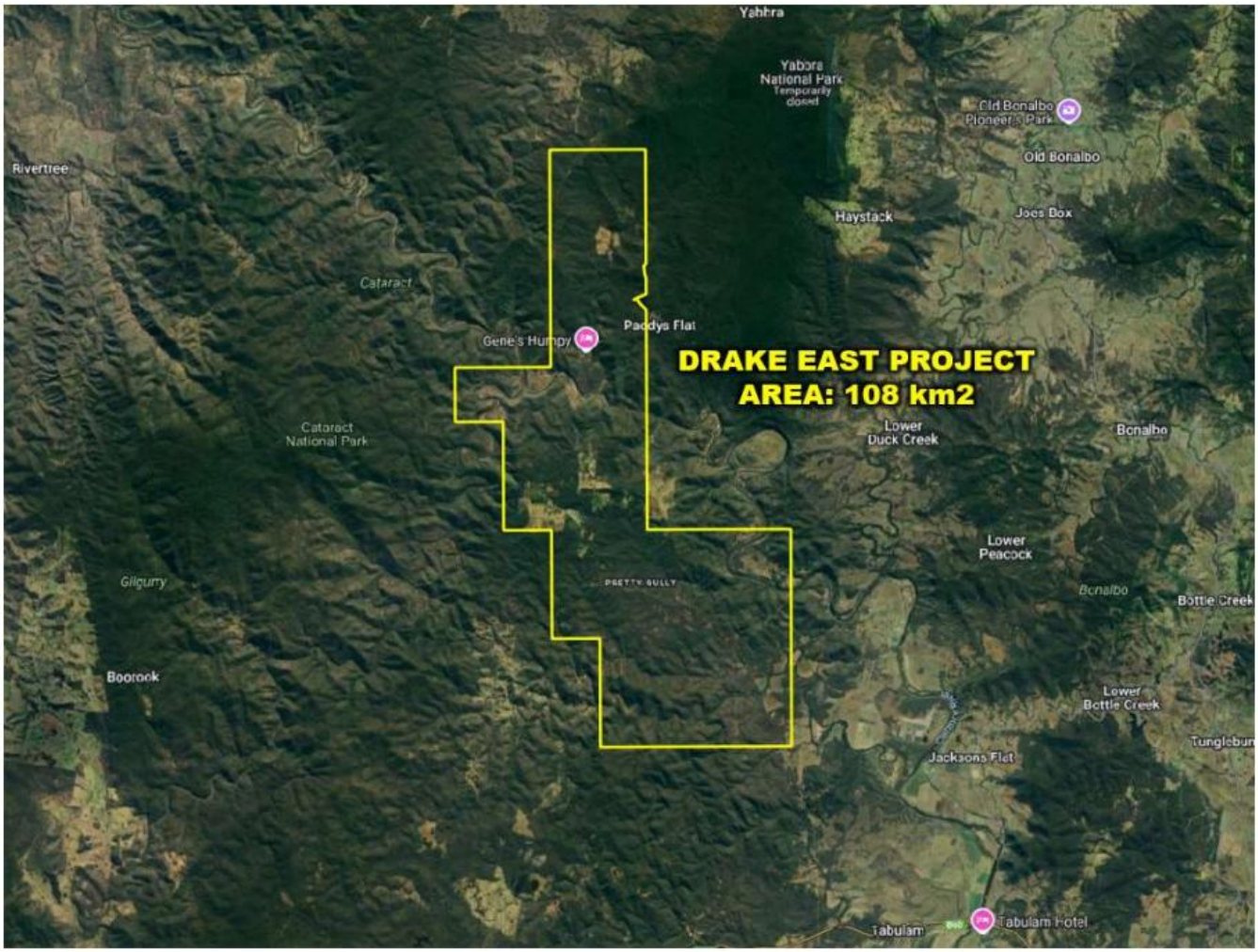

Figure 1: Drake East tenement area showing the vegetation cover. LiDAR penetrates through to the land surface revealing subtle topographic features otherwise obscured by vegetation. Ground disturbances such as old mine shafts, trenches, and mullock heaps become visible using LIDAR.

Executive Director, Aharon Zaetz, commented:

"*The LiDAR interpretation will provide RML a truer indication of the extent of antimony mineralisation occurring at Drake East. As the market has seen with Legacy, in their case, a 100% increase in the number of known mine workings, this program for RML will not only confirm existing targets but will generate possible new targets. It would be our objective to map and sample these targets in the near-term*."

Drake East Antimony-Gold-Copper Project

The Drake East Project is considered a highly prospective brownfields opportunity with past historic antimony production. The Drake East Project is immediately adjacent to the Legacy Minerals Holdings Ltd (ASX: LGM) Drake Gold-Copper Project where they are developing a large epithermal gold-copper mineralised system.

The Drake East Project hosts fourteen known antimony occurrences, including the well-documented Mosquito Creek Antimony-Gold Reef. These antimony occurrences cover a large area with a NW-SE strike length of over 15km (Figures 1 and 2). The project also hosts over fifty gold occurrences, including a placer gold resource at Lanikai West.

A significant antimony occurrence at Drake East is called the **Mosquito Creek Antimony-Gold Reef** (Figure 2). Antimony and gold here are associated with a vein system bearing 30° NE, 1,000 metres in length, cutting local geology (Emu Creek Formation mudstones and Jenny Lind Tonalite granites). Antimony (and gold) mineralisation appear to be closely associated with NE-SW structures that spray from the Jump Up Fault (Figure 2). Another significant antimony occurrence at Drake East is the **Ball & Smiths Lode**, centred in the southern half of the project area. Juxtaposed with several other antimony and gold occurrences, the Ball & Smiths Lode is an historic 1870's mine (shafts and open pits). **Assays from Sample Number G00/363 reports 5.72% Sb and 0.26g/t Au.**

The style (classification) of mineralisation is believed to be structurally controlled metahydrothermal vein Au-Ag-Te type. In these types of deposits, antimony characteristically occurs as the sulphide ore mineral **stibnite** (Sb_2S_3 with 73% mol weight antimony).

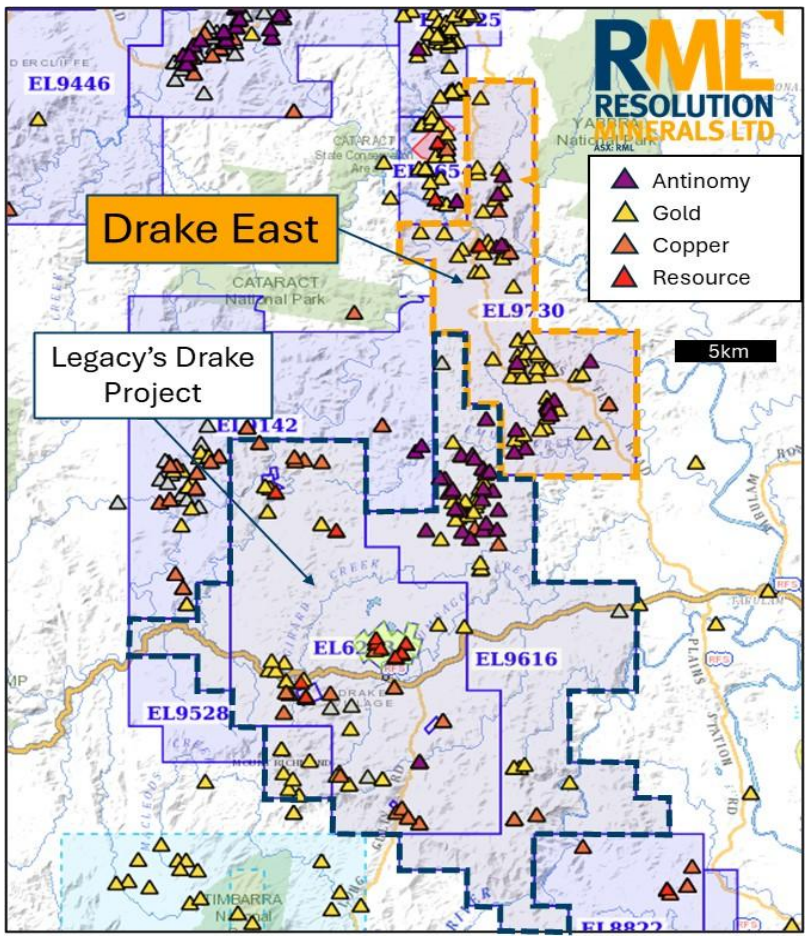

Figure 2: Location map sourced and modified from the NSW Government interactive MinView web map application. The Drake East Project area is shown with a orange dashed line. The Legacy Drake Project area is shown with a dashed dark blue line. The Drake/Drake East projects area hosts over a hundred antimony, gold, silver, and copper occurrences. Many of these are classified by the NSW Geological Survey as non-JORC Code resources.

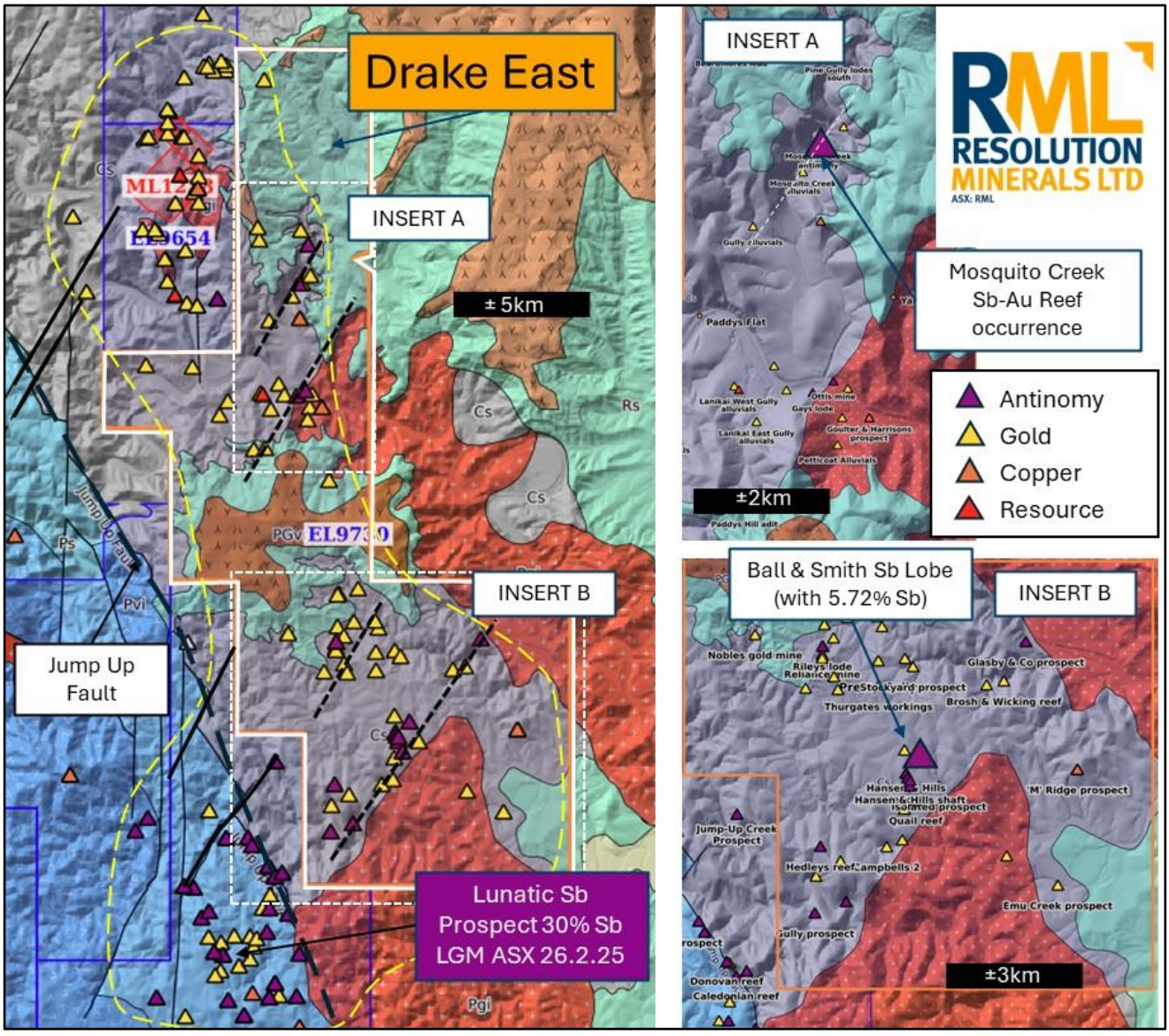

Figure 3: Geology map sourced and modified from the NSW Government interactive MinView web map application. LEFT: Project-wide Carboniferous and Triassic aged sediments (sandstones, siltstones and mudstones) (green and purple shaded area) and Permian granites (red shaded areas). The NW-SE orientated regional Jump Up Fault skirts the project area to the SW. NE-SW spray faults from the Jump Up Fault, traverse the project (solid and dashed black lines). INSERTS: Include details of the main map. INSERT A shows detail of the Mosquito Creek Antimony-Gold Reef area. INSERT B shows detail of the Ball & smiths Lode mine area.

As well developing the antimony potential of the Drake East Project, the Company will also pursue the gold (silver and copper) potential. Drake East has 56 documented historic gold occurrences, with assays at Pine Gully returning up to 60.9 g/t, and historic production at Bucklands Reef of 100 tonnes @ 32.6 g/t Au.

Limited systematic and modern exploration at Drake East represents significant opportunity for Resolution Minerals. RML plans to initiate systematic exploration programs, including geophysical surveys, geochemical sampling, and drilling campaigns, to evaluate the mineral potential of these projects.

How LiDAR Works

Light Detection and Ranging (LiDAR) is a remote sensing technique that uses laser pulses to measure distances and directions to objects. LiDAR systems can create 3D models of the earth's surface (see Figure 4). A laser scanner fitted to an aircraft scans along its flight path, sending pulses out at a rate up to 1000khz, with multiple target reflections per pulse. While scanning, the GPS (GNSS receiver) on the aircraft is in constant communication the GPS satellite constellation, always knowing where it is in 3D space. During flight, the subtle aircraft movements are recorded, allowing post processing to correct these deviations ensuring the laser scan lines are calibrated and corrected for maximum precision and accuracy.

The standout feature of LiDAR is its ability to see the ground through trees and heavy vegetation.

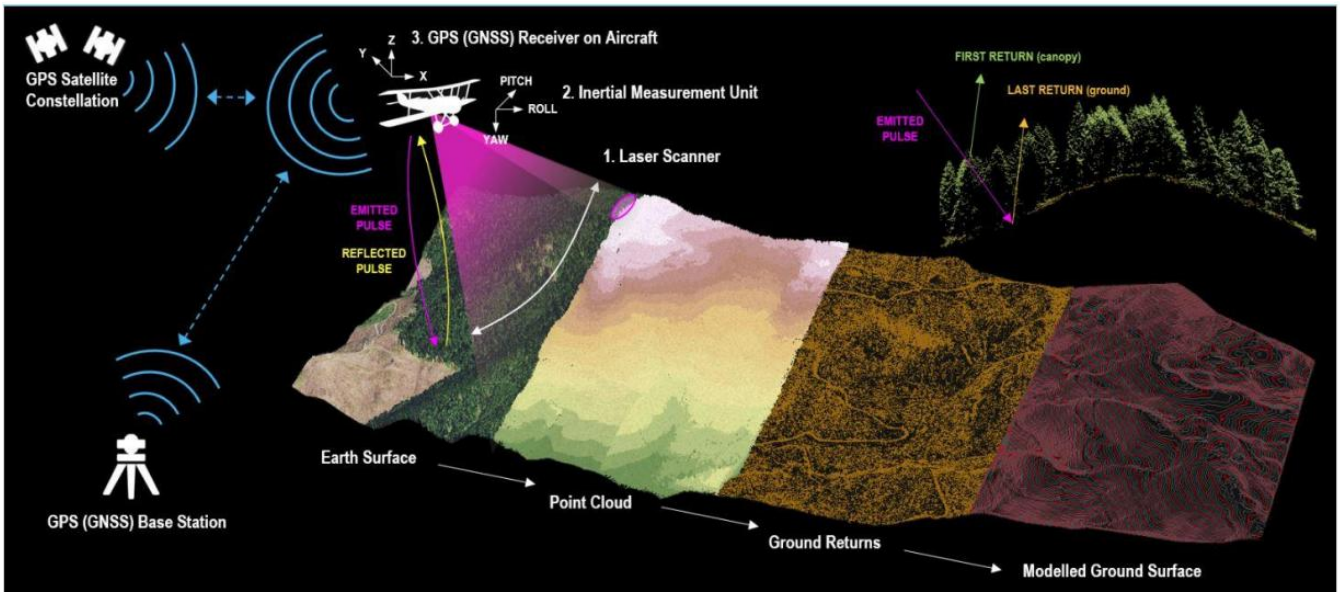

Figure 4: A schematic representation of how LiDAR works (copied, and unmodified, from the GeoCloud website).

LiDAR Can Detect Old Mine Workings

Historical mine shafts can be detected using this technology, which essentially "sees through" the vegetation cover that may conceal old shafts overgrown. Given the historical mining that has taken place at Drake East, the LiDAR study is perfectly suited to helping identity areas of interest and provide a series of initial targets to focus further exploration on.

Competent Person statement

The Company confirms it is not aware of any new information or data that materially affects the information cross referenced in this announcement. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

Disclaimer

This report and opinions contained herein are based on email exchanges between Resolution Minerals, GeoCloud and Rivier Minerals concerning LiDAR and RML's Drake East Project. The author based its conclusions and recommendations on these communications in the format it was provided. The author does not take any responsibility or liability for the commentary derived from these sources, nor does the author take any responsibility or liability for commercial decisions or work carried out by Resolution Ltd, any related party, or subsequent parties, or actions resulting from them.

About Rivere Minerals (and associated Sunbird Resources)

Rivere Minerals is a resource consultancy specialising in project evaluation and portfolio management. Its principle geologist and sole director, Mr Ross Brown, has nearly 40 years of experience in mineral exploration worldwide. Through Riviere and its associated company Sunbird Resources, Mr Brown also provides assistance in exploration planning, execution and [ASX] reporting.

About Resolution's New Antimony Projects

*As well as the ASX announcement of 10 March describing the antimony-focussed project acquisitions, the Company published a presentation entitled "*High Grade Antimony Strategy to Meet Growing Global Critical Metals Demands" (also 10 March 2025).

Authorised for release by the board of Resolution Minerals Ltd.

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