



200 Burrard Street, Suite 1615, Vancouver, BC, V6C 3L6

## **LION ROCK RESOURCES REPORTS RESULTS FROM HIGH-RESOLUTION MAGNETIC SURVEY AND 3D INVERSION AT VOLNEY PROJECT, SOUTH DAKOTA**

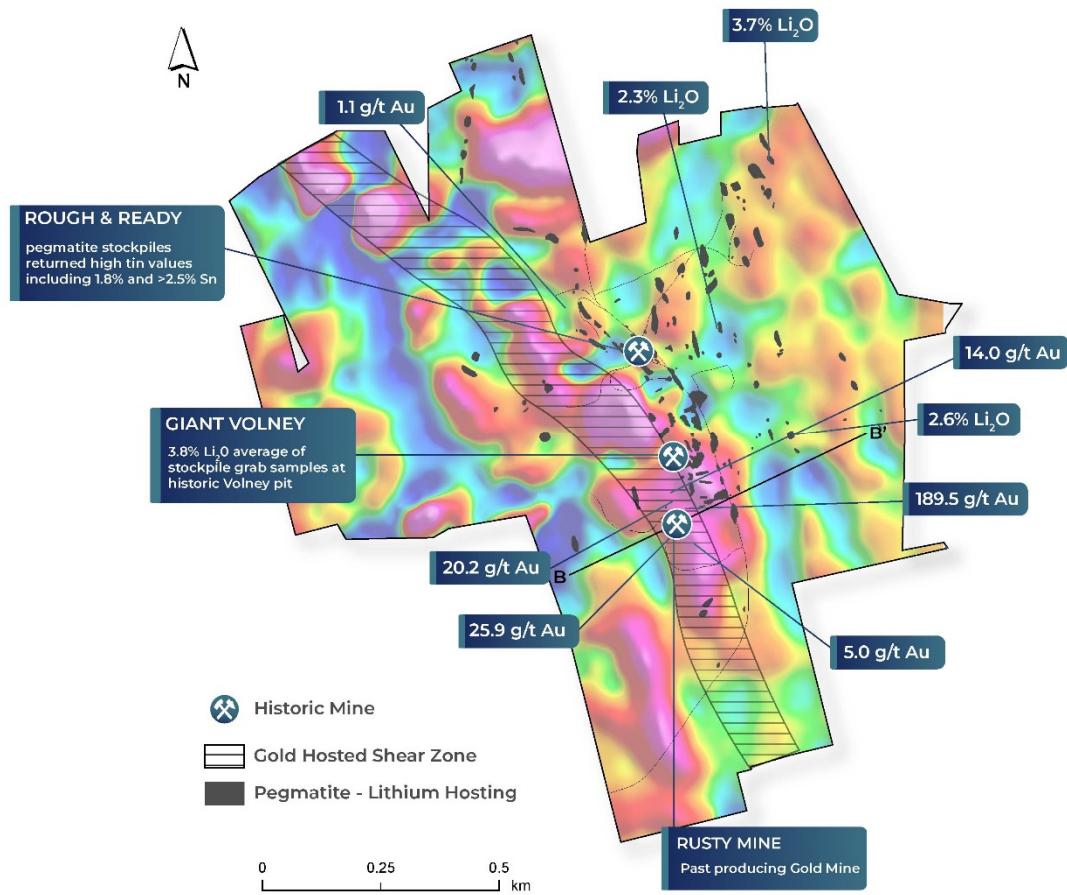
**Vancouver, British Columbia – August 11, 2025** – Lion Rock Resources Inc. (TSX-V: **ROAR**, FSE: **KGB**, OTCQB: **LRRIF**) (the “Company”) is pleased to announce results from a recent high-resolution UAV magnetic survey (“**exMAG**”) and advanced 3D inversion at the Volney Project. The exMag results enhance Lion Rock’s current geological interpretation of a significant gold and LCT pegmatite system across the property (**Figure 1**). With drill permitting now in its final stages, the Company is preparing to launch its inaugural drill program at Volney, targeting priority areas defined by recent surface sampling and the new magnetic data.

Lion Rock recently announced a successful surface sampling program, identifying a continuous high-grade gold horizon over 260 meters. Rock sampling returned assay values of up to **189.5 g/t Au**. Complementary magnetic data reinforce the continuity of the system and indicate strong potential for expansion. The gold-bearing structure remains open in all directions, significantly improving the project's exploration upside.

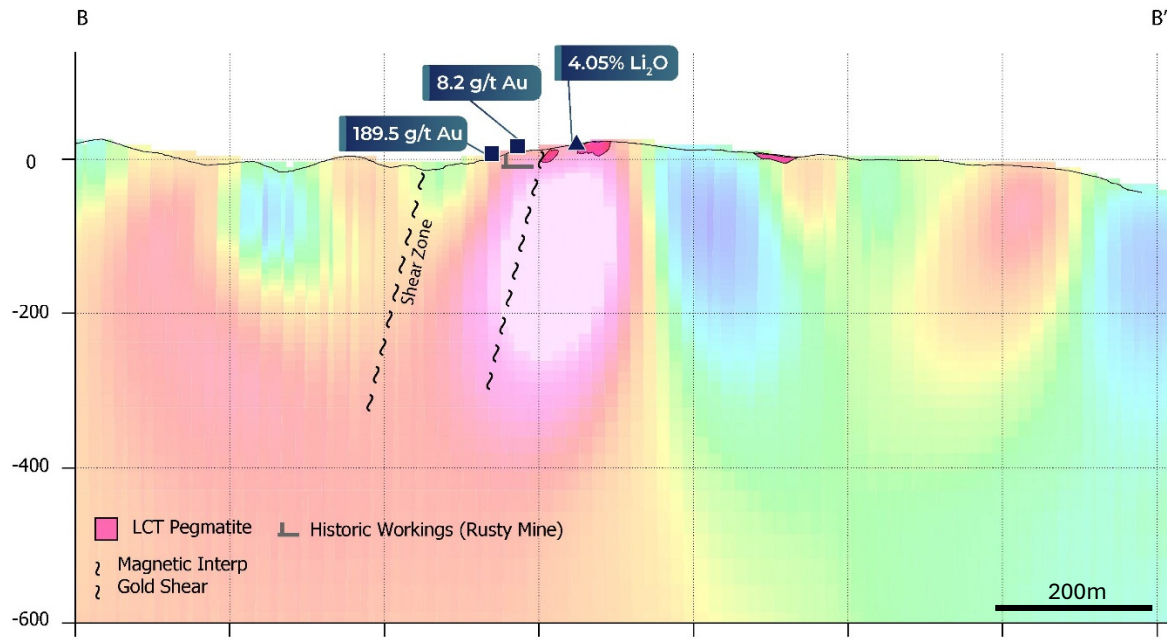
### **Survey Highlights**

- **Structurally Controlled Gold System:** Mineralization is most prominent in areas where pegmatite contacts meta-basalt in zones of intense shearing. Magnetic signatures around the Rusty Shaft correlate with previously reported high-grade gold samples (*see Lion Rock News Release dated May 28, 2025*).
- **3D Inversion Confirms Large Magnetic Anomaly at Depth:** The exMAG survey data reveals a large, consistent magnetic high along the shear corridor, supporting the presence of a deep-seated mineralized system spanning over 1 km (**Figure 2**).
- **LCT Pegmatite Correlation:** Away from the mineralized shear zone, a more discrete correlation emerges between LCT pegmatite bodies and magnetic lows. The Giant Volney and adjacent pegmatites are overprinted by the mineralized amphibolite, distorting any correlation.
- **Structural Mapping and Drill Targeting:** The survey identifies key structural breaks and lithological contrasts between gold and pegmatite systems, aiding in both regional and near-known mineralization drill targeting.

Dale Ginn, President and CEO of Lion Rock, stated, “*The magnetic survey has revealed a clear contrast between the gold-bearing mafic host rock and LCT pegmatite system. This will assist our team in extrapolating target areas beyond the main known horizon. Our next step is to carry out a detailed exploration plan and take full advantage of this unique and special multi-commodity project. We are particularly excited about the upcoming inaugural drill program, with permitting well underway and drilling anticipated to commence in the coming weeks.*”



**Figure 1.** First Vertical Derivative Map from the exMAG survey at the Volney Project.



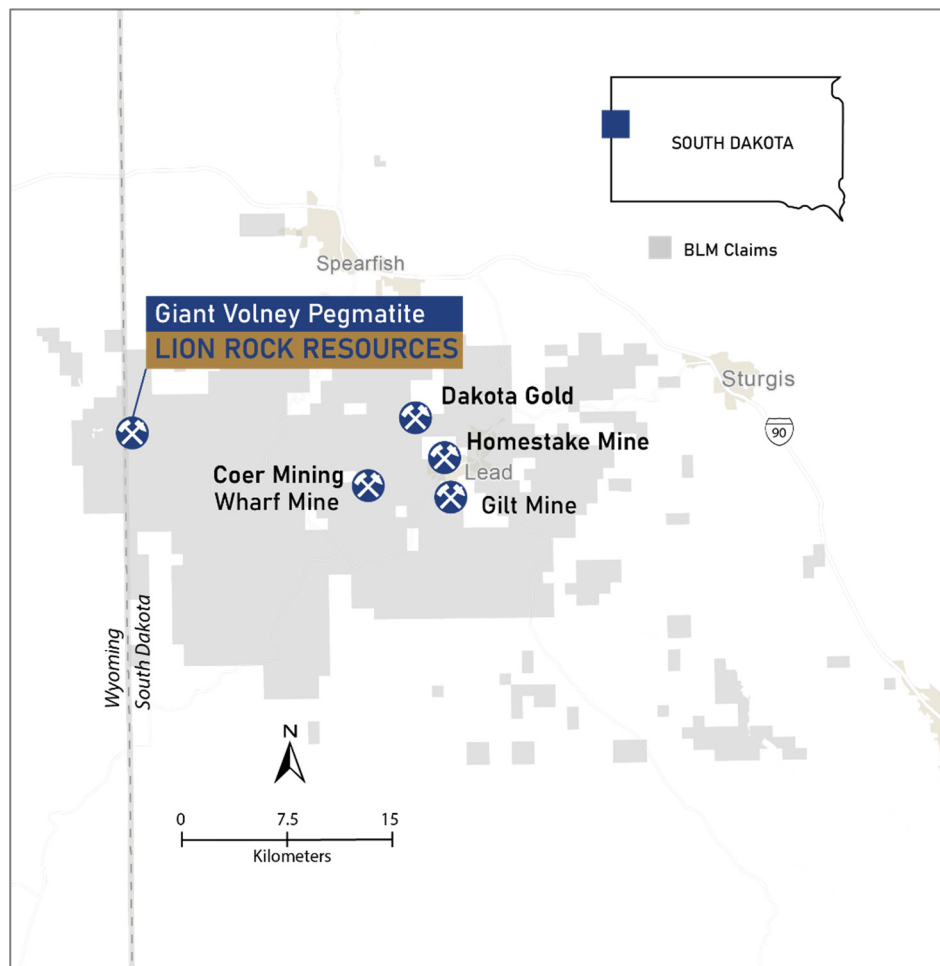
**Figure 2.** Cross section of advanced 3D inversion from the exMAG survey



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### About the Volney Project

The Volney property is a multi-commodity project strategically located in South Dakota's Black Hills, a historically rich and active mining region (**Figure 3**). The Black Hills have produced over **62 million ounces of gold**, including from the prolific Homestake Mine, one of the most significant gold producers in North American history. The Volney Project is home to the Giant Volney pegmatite, a 635 m long LCT (Lithium-Cesium-Tantalum) pegmatite which remains untested at depth. The district continues to attract modern exploration efforts, with companies such as Dakota Gold Corp. actively advancing projects within the Black Hills. The project is accessible year-round and consists of private claims with surface and mineral rights, which facilitates rapid permitting and project advancement.



**Figure 3.** Volney Project regional map in the Black Hills, South Dakota.



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The technical content of this news release has been reviewed and approved by Carl Ginn, P.Geo., consultant to the Company and a Qualified Person pursuant to National Instrument 43-101.

### **Maybrun Property Sale**

The Company also announces that it has entered into an agreement to sell its Maybrun claims located in Ontario, Canada (the “**Maybrun Property**”), to an arm’s length purchaser (the “**Purchaser**”). The Purchaser will use commercially reasonable efforts to sell the Maybrun Property to a corporation listed for trading on a recognized stock exchange in Canada or the United States (a “**Subsequent Buyer**”), and the Purchaser will also assume and agree to pay, perform and discharge when due any and all existing and future liabilities arising out of or relating to the ownership of the Maybrun Property.

In the event that the Purchaser successfully sells all or a portion of the Maybrun Property to a Subsequent Buyer, the Purchaser shall cause the Subsequent Buyer to issue to the Company, on or before the second anniversary of the date on which the Subsequent Buyer and Purchaser enter into an agreement setting out the terms of the subsequent sale, that number of fully paid and non-assessable common shares of the Subsequent Buyer having an aggregate value of C\$200,000.

### **About Lion Rock Resources Inc.**

Lion Rock Resources Inc. is a Canadian mineral exploration company committed to advancing high-grade gold and lithium projects across North America. The Company’s flagship asset, the Volney Project, is located in South Dakota’s Black Hills, a mining-friendly jurisdiction surrounded by active gold operations. The Company is led by an award-winning team with a proven track record of mineral discoveries, project development, and financing.

### **On Behalf of the Board**

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*Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSXV Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.*

### **Caution Regarding Forward-Looking Information**

*Certain statements contained in this news release may constitute “forward-looking information” within the meaning of Canadian securities legislation. Forward-looking information is often, but not always, identified by the use of words such as “anticipate”, “plan”, “estimate”, “expect”, “may”, “will”, “intend”, “should”, “potential”, “indicative” and similar expressions. Forward-looking information involves known and unknown risks, uncertainties and other factors that may cause actual results or events to differ materially from those anticipated in such forward-looking information. Such forward-looking information is based on the current expectations of management of the Company. The Company’s actual results could differ materially from those anticipated in this forward-looking information as a result of risks and uncertainties, including without limitation risks and uncertainties inherent in the exploration and*



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*development of mineral properties, fluctuations in commodity prices, counterparty risk, market conditions, regulatory decisions, competitive factors in the industries in which the Company operates, prevailing economic conditions, changes to the Company's strategic growth plans, and other factors, many of which are beyond the control of the Company. The Company believes that the expectations reflected in the forward-looking information are reasonable, but no assurance can be given that these expectations will prove to be correct and such forward-looking information should not be unduly relied upon. In making the forward-looking statements in this press release, the Company has applied several material assumptions. Any forward-looking information contained in this news release represents the Company's expectations as of the date hereof and is subject to change after such date. The Company disclaims any intention or obligation to update or revise any forward-looking information whether as a result of new information, future events or otherwise, except as required by applicable securities legislation.*