

Alba Mineral Resources Plc / EPIC: ALBA / Market: AIM / Sector: Mining

20 August 2025

Alba Mineral Resources Plc
("Alba" or the "Company")

Operational Update

Alba Mineral Resources plc (AIM: ALBA), the gold and critical raw materials focused exploration and development company, is pleased to provide this operational update across its project portfolio.

Highlights

Motzfeldt Critical Metals (Greenland)

- 2025 field programme successfully completed, meeting all key exploration objectives.
- Engineering consultants for mineralogical & metallurgical test work programme on Aries deposit bulk sample have been selected.
- Initial discussions held with governmental agencies to explore funding and other support for the development of Motzfeldt.

Clogau (Wales, UK)

- Successful preparatory blast conducted in new phase of blasting in late July.
- Ongoing health, safety and compliance programme has included completion by specialist contractors of ventilation survey and safe working load survey.
- Recent periodic visit by HM Inspectorate of Mines ("HMIM") has identified certain remedial works which need to be completed prior to the resumption of further blasting.

Corporate Presentation

- New corporate presentation available on Company's website.

Details

Motzfeldt Critical Metals (Greenland)

As previously announced, Alba has agreed to acquire a 51% interest in the Motzfeldt Critical Metals Project in south Greenland. The current operator of the Project, Elemental Rare Metals Ltd, successfully completed a field programme last month including the following:

- A ground radiometric survey at the top of the high-grade rare earth prospect, Merino;
- Primary analysis of Merino to test the hypothesis that Aries-type mineralisation lies at depth;
- The collection of ~100 samples from across Merino for assay, petrography and mineralogy;





Figure 1: Sampling at Aries Deposit, Motzfeldt, July 2025

- Analysis and sampling of the Merino "chimney" structures to test the hypothesis that they form from escape of mineralisation;
- A photogrammetric drone survey at both Merino and the central Aries deposit area, which will allow for the creation of detailed 3D models and accurate terrain maps, aiding in geological mapping and the future planning of mining operations.
- Analysis of the far face opposite Merino to assess its potential as a third extension of Merino.

Further results will be announced once a selection of the Merino samples have been assayed at an independent laboratory and the data from the radiometric survey has been assessed and interpreted. Being able to delineate a mineralised zone at Merino will be significant for the overall scale of the Motzfeldt Project, as it will expand the footprint of the project greatly, joining Merino to Aries ~1km to the south (Figure 2).

As previously announced, in the coming months Alba also intends to carry out a detailed mineralogical and metallurgical study of the Aries deposit, in order to establish the optimal processing routes for Aries material. This will be undertaken using the 2.5 tonne bulk sample which has previously been collected from the Aries plateau by the current operator. In this regard, the Company has now selected its preferred contractor to supervise the study programme. They have requested a representative 300kg sub-sample from the bulk sample. This sub-sample will be crushed and delivered to the contractor in the coming weeks. They will then carry out detailed mineralogical studies on the ore, following by metallurgical test work involving magnetic separation, gravity separation and flotation. The full programme is expected to take some 3-4 months to complete.

The Company also intends to commence a Scoping Study or Preliminary Economic Assessment for the Aries Deposit in due course.

Finally, Alba has held initial discussions with governmental agencies in order to explore the routes for securing non-dilutive or low-cost funding and other support for the development of Motzfeldt.

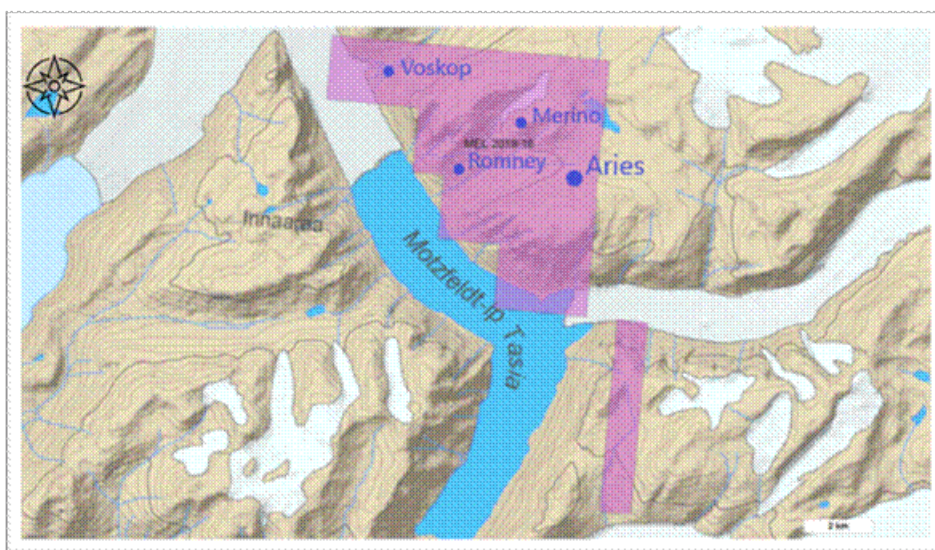


Figure 2: Motzfeldt licence map (purple polygons) with Aries resource area and Merino and other key prospects marked.

Clogau Gold Mine (Wales, UK)

A successful preparatory blast was conducted at the Clogau St-David's Mine ("Clogau") in late July. The purpose was to clear out a section at the Llechfraith Target on Level 5 which had not been

fully cleared out in the last phase in order to allow the next phase of drilling and blasting to commence from a clean face. This preparatory blast was conducted under controlled conditions by specialist explosives contractors Orica.

The ongoing health, safety and compliance programme at Clogau has included completion by Alba's specialist contractors of a ventilation survey and a safe working load survey. A recent periodic visit by HMIM has recommended certain further assessments and works be completed underground prior to the resumption of further blasting. It is expected that these may take about one month to carry out in total, depending on contractor availability.

The purpose of the next phase of blasting at the Llechfraith Target is to extract several hundred tonnes of fresh ore from within the projected payshoot (Figure 3) and to process and refine that ore for its gold content. Depending on the results achieved, this will support the further development of the Llechfraith Target.

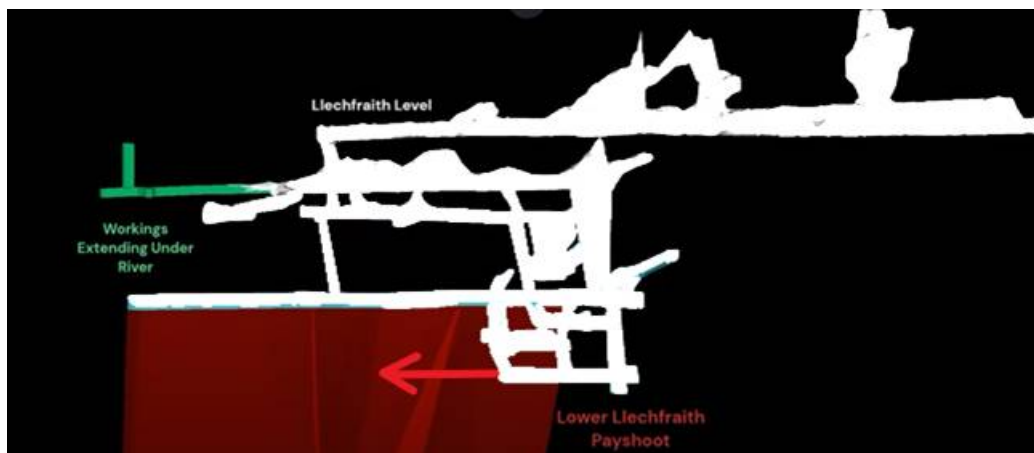


Figure 3: Clogau workings (in white) including the upper part of the projected Llechfraith Payshoot modelled from Alba's drilling (in red). The arrow shows the direction of the next phase of drilling and blasting on Level 5, within the projected payshoot.

Corporate Presentation

The Company's new corporate presentation can be viewed at:

<https://albamineralresources.com/activity-updates/new-corporate-presentation>

Company Comment

George Frangeskides, Alba's Executive Chairman, commented:

"We are pleased to be able to report on the progress made this summer at the Company's new critical metals project, Motzfeldt, in south Greenland. We have collected new data in relation to the exciting Merino prospect which should, in the coming weeks and months, help us to assess and develop its potential as another key source of critical raw materials within the Motzfeldt Centre, alongside the existing Aries Deposit which lies just 1km to the south.

"Meanwhile, we have started work to update the key parameters around the more advanced Aries Deposit, with the selection of a main consultant to oversee a very detailed mineralogical and metallurgical test work programme, which will in turn feed into a new Scoping Study for Aries.

"Back in the UK, we are having to do some remedial works in the mine at Clogau before we can continue with the next phase of drilling and blasting at our key Llechfraith gold target. This comes with the territory of operating an existing mine, where health & safety is paramount. Our team is working round the clock to project manage the upcoming work as efficiently as possible so that we can resume the blasting phase."

This announcement contains inside information for the purposes of the UK Market Abuse Regulation and the Directors of the Company are responsible for the release of this announcement.

Forward Looking Statements

This announcement contains forward-looking statements relating to expected or anticipated future events and anticipated results that are forward-looking in nature and, as a result, are subject to certain risks and uncertainties, such as general economic, market, financial and business conditions, competition for and availability of qualified staff and contractors, regulatory processes and actions, technical issues, new legislation, uncertainties resulting from potential delays or changes in plans, uncertainties resulting from working in a new political jurisdiction, uncertainties regarding the results of exploration, uncertainties regarding the timing and granting of prospecting rights, uncertainties regarding the timing and granting of regulatory and other third party consents and approvals, uncertainties regarding the Company's or any third party's ability to finance, execute and implement future plans and programmes, and the occurrence of unexpected events. Actual results achieved may vary from the information provided herein as a result of numerous known and unknown risks and uncertainties and other factors

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Competent Person Declaration

The information in this release that relates to Exploration Results has been reviewed by Mr Mark Austin. Mr Austin is a member of SACNASP (Reg. No. 400235/06), Fellow of The Geological Society and Fellow of the Geological Society of South Africa. He has a B.Sc. Honours in Geology with 40 years' experience.

Mark Austin has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration targets, Exploration Results, Mineral Resources and Ore Reserves', also known as the JORC Code. The JORC code is a national reporting organisation that is aligned with CRIRSCO. Mr Austin consents to the inclusion in the announcement of the matters based on his information in the form and context in which they appear.

****ENDS****

Engage with Alba by asking questions, watching video summaries and reading what other shareholders have to say. Navigate to our interactive Investor Hub here:

<https://albamineralresources.com/link/yEMx4y>

For further information, please visit the Alba Mineral Resources plc investor website (www.albamineralresources.com) and sign up to receive news and engage with the Alba management team. Subscribe to our news alert service (<https://alba-l.investorhub.com/auth/signup>) and visit @AlbaMinerals on X (formerly Twitter).

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Alba's Projects & Investments		
Projects Operated by Alba	Location	Ownership
Clogau (gold)	Wales	100%
Dolgellau Gold Exploration (gold)	Wales	100%
Gwynfynydd (gold)	Wales	100%
Investments Held by Alba	Location	Ownership
GreenRoc Strategic Materials Plc (graphite - anode)	Greenland	26.15%
Horse Hill (oil)	England	11.765%
Earn-in Projects	Location	Earn-in Rights
Finnsbo (rare earths, copper, gold)	Sweden	Up to 100%
Optioned Projects	Location	Further details
Norrby (gold, other metals)	Sweden	RNS 6/11/24
Glava (copper, gold)	Sweden	RNS 6/11/24

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