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("Arkadian" or the "Company")

Clogau Waste Tip Sampling, Shaft 2 Processing and Mineralogical Progress

Arkadian Strategic Metals Plc (AIM: AKN), the strategic metals and gold-focused exploration and development company, is pleased to provide an update on work at its 100%-owned Clogau-St David's Gold Mine in north Wales.

The Company is advancing three complementary programmes: processing of historic underground floor material, renewed sampling of the historic waste tip and geological and mineralogical investigation to guide further exploration and gold-recovery work.

Highlights

- **Shaft 2 processing:**
  - Initial sighter floor material from Shaft 2 returned 0.81 grams of gold from a 100kg sample, which would equate to 8.1 g/t if repeated across a one-tonne sample size.
  - A further ~1.7 tonnes of material has been collected to date from Shaft 2, with visible gold reported in each fraction processed to date.
  - Concentrates are being combined ahead of submission to an independent laboratory for assessment and gold recovery.
  - Up to 50 tonnes or so of additional floor material are estimated to be available for recovery from around Shaft 2.
- **Renewed waste tip sampling:**
  - Additional material collected and crushed for pilot-plant processing, building on previous gold-bearing trench sample results.
  - Initial test panning of three batches from a circa two-tonne sample has shown particles believed to be gold; grades and recoverable gold content not yet confirmed.
- **Previous waste tip results:** 2025 trench sampling returned an average back-calculated head grade of 9.2 g/t gold in the less-than-1mm material tested (announced 29 April 2025). The current programme tests a number of locations to identify the areas that carry the better grades, ahead of more extensive trenching.
- **Jack Williams exploration:** following the previously announced collection of 29 samples from the exposed Main Lode vein, geological investigation and sample analysis are progressing to guide the selection of further underground targets along the Main Lode.
- **Mineralogical milestone:** thin sections are being prepared at Durham University and will then be submitted to a separate specialist laboratory for scanning electron microscopy (SEM), to investigate mineral textures and associations and, where identified, the occurrence of gold.

Shaft 2 and other underground material

Further to the announcement of 3 November 2026, an initial 100kg sighter sample of floor material from Shaft 2 returned 0.81 grams of gold following processing and subsequent refining (**Figure 1**). This would equate to a gold grade of 8.1 g/t if repeated across a one-tonne sample size.

A further ~1.7 tonnes of historic floor material collected from around Shaft 2 is currently progressing through the Company's onsite pilot plant. This represents a modest increase in the total tonnage collected to date when

compared to the 1.5 tonnes figure given in the 3 November 2026 announcement.



The site team has observed what is believed to be visible gold in every size fraction processed to date from this 1.7 tonne bulk sample. The resulting concentrates are being combined ahead of submission to an independent laboratory for assessment and gold recovery.

Up to 50 tonnes or so of additional floor material are estimated to be available for extraction from around Shaft 2.

About half a tonne of material collected from other underground locations is being maintained in separate batches so that results can be related to their source.

Figure 1: visible line of gold in pan from 100kg sighter sample of Shaft 2 floor material, which returned 0.81 grams of gold following further processing and refining.

Renewed waste tip sampling

The Company has renewed its exclusive long-term lease with the landowner at the historic waste tip at Clogau. Pursuant to a formal notification to the Mineral Planning Authority under Permitted Development Rights, the Company has now returned to the waste tip to collect additional material for processing and assess opportunities for further gold recovery.

Previous sampling, processing and refining of waste tip trench samples returned an average back-calculated head grade of 9.2 g/t gold in the tested less-than-1mm material, as reported in the Company's announcement of 29 April 2025. While these results do not establish a grade for the waste tip as a whole or for the material now being collected, they demonstrate the potential for further economic grade of gold to be recovered from the tip.

The current programme is being conducted in two phases. The first involves the targeted collection and processing of waste tip material from different locations on the tip. If, following this initial scoping exercise, a particular target area indicates good grade, the Company's team will then return to that site to conduct more widespread trenching.

About two tonnes of material has been collected and crushed so far in this initial targeted exercise, with test panning of three batches revealing the existence of gold particles. Once concentrates have been produced in the Company's onsite pilot processing plant, laboratory analysis will confirm the overall gold content and recoverable quantities.

Results from the initial scoping exercise will guide the location and scale of further sampling and excavation. Sample locations are being recorded to preserve the relationship between source areas and processing results.

Jack Williams exploration and mineralogical programme

As previously reported on 3 November 2026, the Jack Williams stope lies at the western end of the historically worked Main Lode, the principal quartz-vein structure that produced most of Clogau's historic gold. Following the announced collection of 29 samples from the exposed vein at Jack Williams, accessed via Upper Tyn y Cornel, geological and laboratory work is progressing. The investigation is intended to characterise the mineralisation in this part of the Main Lode and inform the selection of further underground exploration targets.

The wider mineralogical programme has advanced with the delivery of samples to Durham University for thin section work (**Figure 2**). Once polished thin sections have been prepared there, they will be submitted to a separate specialist laboratory for SEM analysis.

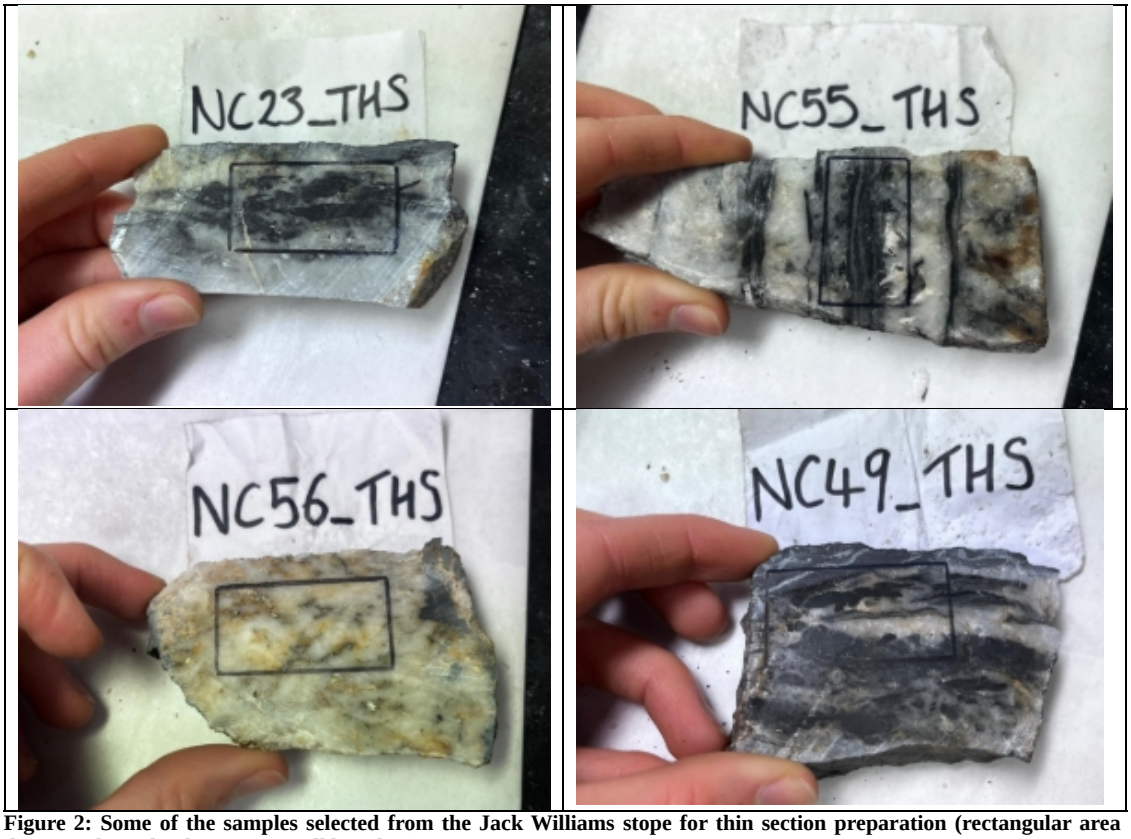


Figure 2: Some of the samples selected from the Jack Williams stope for thin section preparation (rectangular area denotes where the thin section will be taken).

This work will investigate mineral textures and associations and, where identified, how gold occurs within the sampled material. Understanding where the free gold occurs, and how it relates to the sulphide mineralisation will help inform both further exploration and the assessment of appropriate processing methods.

The Company is also progressing the plotting of sample locations against historic underground survey information to integrate laboratory findings with the mine's overall geological interpretation.

George Frangeskides, Executive Chairman, commented:

"We are pursuing several opportunities to both recover gold and advance our understanding of Clogau. Our return to the waste tip builds on previous gold-bearing sample results and provides additional material for testing through our onsite pilot plant. At Shaft 2, gold has been recovered from an initial 100kg sample of historic floor material. A larger ~1.7 tonne bulk sample subsequently collected from the same area has exhibited visible gold in each fraction processed to date, though the precise gold content will have to await independent laboratory confirmation.

"At Jack Williams, our investigation of the Main Lode is progressing alongside the wider mineralogical programme. Prepared thin sections will undergo further specialist analysis to help us understand the mineral associations and how gold occurs within the sampled material.

"Together, these programmes make use of our existing mine access, onsite team and processing infrastructure. Our objective is to identify the most promising sources of gold, establish their recovery potential and use the results to direct subsequent work."

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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Arkadian's Key Projects at a Glance

Motzfeldt Critical Metals Project, Greenland

Arkadian holds a majority interest in the Motzfeldt Critical Metals Project in southern Greenland, a large-scale mineralised system containing rare earth elements, niobium, tantalum and zirconium. Its Aries deposit hosts a JORC-compliant Inferred Mineral Resource of 340 million tonnes, with additional exploration potential across the wider project area, including the Merino and Voskop targets.

The Company is advancing Motzfeldt through resource evaluation, mineral processing studies and environmental and engineering work, while assessing opportunities to expand and upgrade the existing resource. The longer-term objective is to develop the project's potential to supply critical metals needed by advanced technologies and industry.

Clogau-St David's Gold Mine, Wales

Arkadian owns the exclusive exploration rights to the Clogau-St David's Gold Mine in north Wales, Britain's largest historic gold producer, with recorded production of at least 80,000 ounces. Situated within the Dolgellau Gold Belt, the mine combines a distinguished gold-mining heritage with opportunities to investigate extensions to historically productive veins and previously unworked targets.

The Company's strategy combines geological investigation and targeted underground exploration with evaluation of gold recovery from historic mine material. Alongside this technical work, Arkadian is developing commercial opportunities for Welsh gold, whose scarcity and provenance can support premium pricing through limited-edition coins, jewellery and other products.

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