

QUINN FLUORSPAR EXPLORATION UPDATE - PHASE 1 COMPLETE, PHASE 2 UNDERWAY, ASSAYS PENDING

HIGHLIGHTS

PHASE 1 – SOIL AND STREAM SEDIMENT SAMPLING COMPLETE

- ~320 soil samples collected across multiple targets as a base-line study
- ~40 stream sediment samples collected for regional targeting

PHASE 2 – EXTENSIVE MAPPING AND SAMPLING NEARING COMPLETION

- Building on Phase 1 work, OD6 has expanded its program beyond initial targets and systematically testing an 8km long alteration corridor
- Three geologists plus field support staff are on site
- **Expanded channel sampling to be undertaken at the Horseshoe Pit and Mammoth deposit**, where the Company recently announced ultra-high grade fluor spar (CaF_2) results
- **Reconnaissance mapping and sampling at regional prospects including: Big Jim, Spar, Jumbo, Rocket and North Horseshoe – historic high grade fluor spar occurrences**
- Reconnaissance at the Horseshoe-Jumbo Corridor covering 1.1km strike length of alteration, including a large 70,000m² lithocap
- These programs are designed to refine the Company's geological model and will directly inform the design of the initial drill program and associated permitting activities.
- Access track surveys ahead of drill planning
- **Preliminary metallurgical test work to commence, assessing processing characteristics and support future development studies**
- **Assays from Phase 1 pending — results expected to further define targets**
- **The company is well-funded to progress extensive exploration activities across the project**

Managing Director Brett Hazelden, commented:

"After only 2 months since announcing the Quinn Fluorspar Project, the Company has already made significant on-ground progress. The first pass soils and stream sediment sampling has been completed and we await assay results. This work will be important in understanding the signatures of known deposits, and assist with targeting throughout our large package.

With our recently reported ultra-high grade fluor spar results from preliminary due-diligence we are pleased to getting back to conduct more mapping and sampling as part of Phase 2. This work, along with a survey of access tracks, will enable better drill targeting and planning for the next programs.

Furthermore, we are collecting some samples for advancing the early-stage metallurgical understanding inclusive of optical sorting, crushing, grinding and preliminary flotation testwork."

OD6 Metals Limited (OD6 or the Company) is excited to provide an update on on-ground exploration at Quinn Fluorspar Project in Nevada. The initial Phase 1 exploration program has now been completed, with all samples submitted for laboratory analysis. Assay results are currently pending and will be released to the market as they are received and interpreted.

About Quinn Fluorspar Project

On 4 March 2026 the Company announced an exclusive option agreement to acquire the Quinn Fluorspar Project, located approximately 220km north of Las Vegas, Nevada. The project offers very high-grade fluorspar mineralization (**>40% CaF₂**) identified at the **Mammoth and Horseshoe Projects in replacement / breccia style mineralization mapped out over large 9,000m² and 3,000m²** areas respectively. In addition, a number of other fluorspar occurrences are noted in the wider project area with reported historic rock chip results up to **94% CaF₂**. Preliminary work by the Company has revealed both Mammoth and Horseshoe to be very high grade and potentially sizeable deposits.

The United States is currently **100% reliant on imports of fluorspar**. Fluorspar is listed on the Critical Minerals list with applications in **battery technologies, AI chip manufacture, nuclear fuels industry, aerospace and defence technologies**. The project is located **~300km by road from the US Strategic Minerals Reserve** at Hawthorne, Nevada (refer to Company announcements 4/3/2026, 6/3/2026, & 16/03/2026).

Phase 1 Field Program Complete

OD6, through its wholly owned subsidiary US Fluorspar LLC, has teamed up with premier contract/consulting company, **Rangefront Mining Services**, based out of Elko, Nevada to conduct the first concerted exploration effort on the project in ~60 years.

The initial program is complete and included ~320 soil samples and 40 stream sediment samples, which have been designed to develop knowledge on anomalism in and around the known deposits and to target key alteration corridors for potential additional fluorspar discovery. Samples have been consigned the laboratory with assay results pending. This work included Targeting:

1. The **Horseshoe Deposit**, where previous small scale mining exposed high grade (**>40% CaF₂**) in a replacement / breccia style ore body mapped out **over 3000m²**.
2. Extensions of **Mammoth Deposit**, where previous sampling returned up to **10m @ 44.7%CaF₂** and a replacement / breccia style ore body mapped out over **9000m²**
3. The **Horseshoe-Jumbo corridor** to follow up on the recently identified intense **alteration corridor** system
4. The **70,000 m² Lithocap** with first ever exploration program to profile background anomalism potentially bleeding through the lithocap
5. Targeting the area near **high-grade vein** occurrences at **Rocket-Big Jim-Spar**
6. Targeting the unexplored **700,000m² Dress Circle target** – a zone of **highly altered limestone**, with a series of arcuate, possible collapse epithermal structures related to sub-surface source intrusive activity

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Phase 2 Work Underway and Nearing Completion

Three geologists as well as field technicians have mobilized to the project area, with an additional geologist joining the project shortly. The initial work is to focus on:

1. **Channel sampling** across all accessible fluorspar exposures at Horseshoe and Mammoth
2. **Detailed geological** mapping at Horseshoe and Mammoth
3. Conduct reconnaissance **mapping and sampling** at historic recorded fluorspar occurrences including: **Big Jim, Spar, Jumbo, Rocket and North Horseshoe.**
4. Conduct mapping and sampling across the **1.1km Horseshoe-Jumbo Corridor covering 1.1km strike length of alteration, including a large 70,000m² lithocap**
5. Survey access tracks for the first drill program
6. Collect **metallurgical test samples** for bench-top studies on optical sorting, crushing, grinding and preliminary flotation testwork
7. The Company continues to conduct due diligence, compile historic reports and compile data on this exciting project area.

Due Diligence and Next Steps

As part of its due diligence program in connection with the Quinn Fluorspar Project (see announcement dated 4 March 2026, "[OD6 TO ACQUIRE ULTRA HIGH GRADE USA FLUORSPAR PROJECTS](#)"), OD6 intends to collect new samples from the surface showings to test the veracity of historic reports, including:

- Receipt and interpretation of **assay results**
- Expand **systematic channel and rock chip sampling**
- Validate and replicate **historic high-grade results**
- Undertake **detailed geological and structural mapping**
- Complete **soil geochemistry programs**
- Identify and prioritise **drill targets**
- Initiate **permitting for maiden drilling**
- Progress **metallurgical testwork planning**

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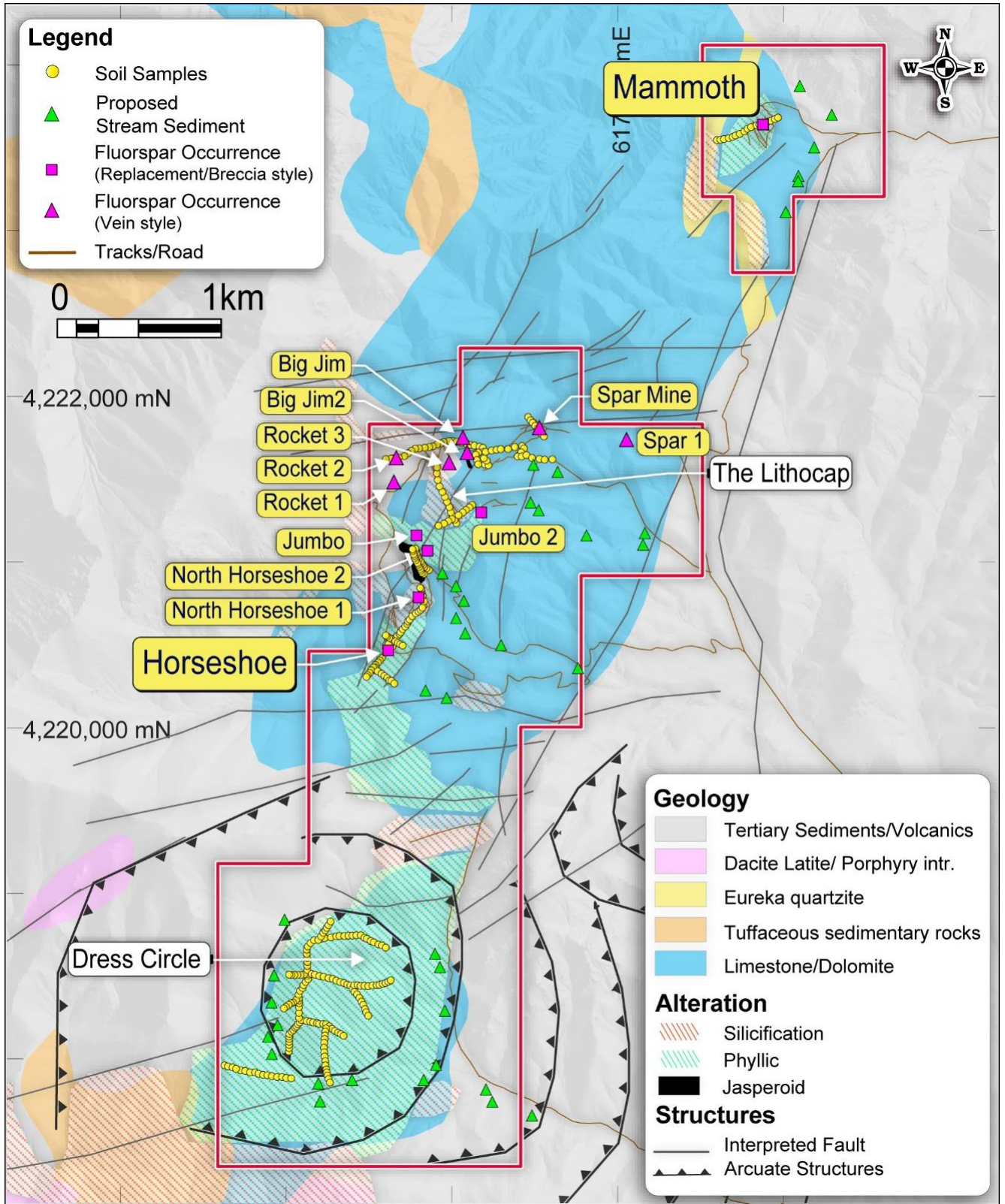


Figure 1 Regional initial sampling programs over the target corridors
(refer release dated 25 March 2026 for description of geology, mineralization and alteration)

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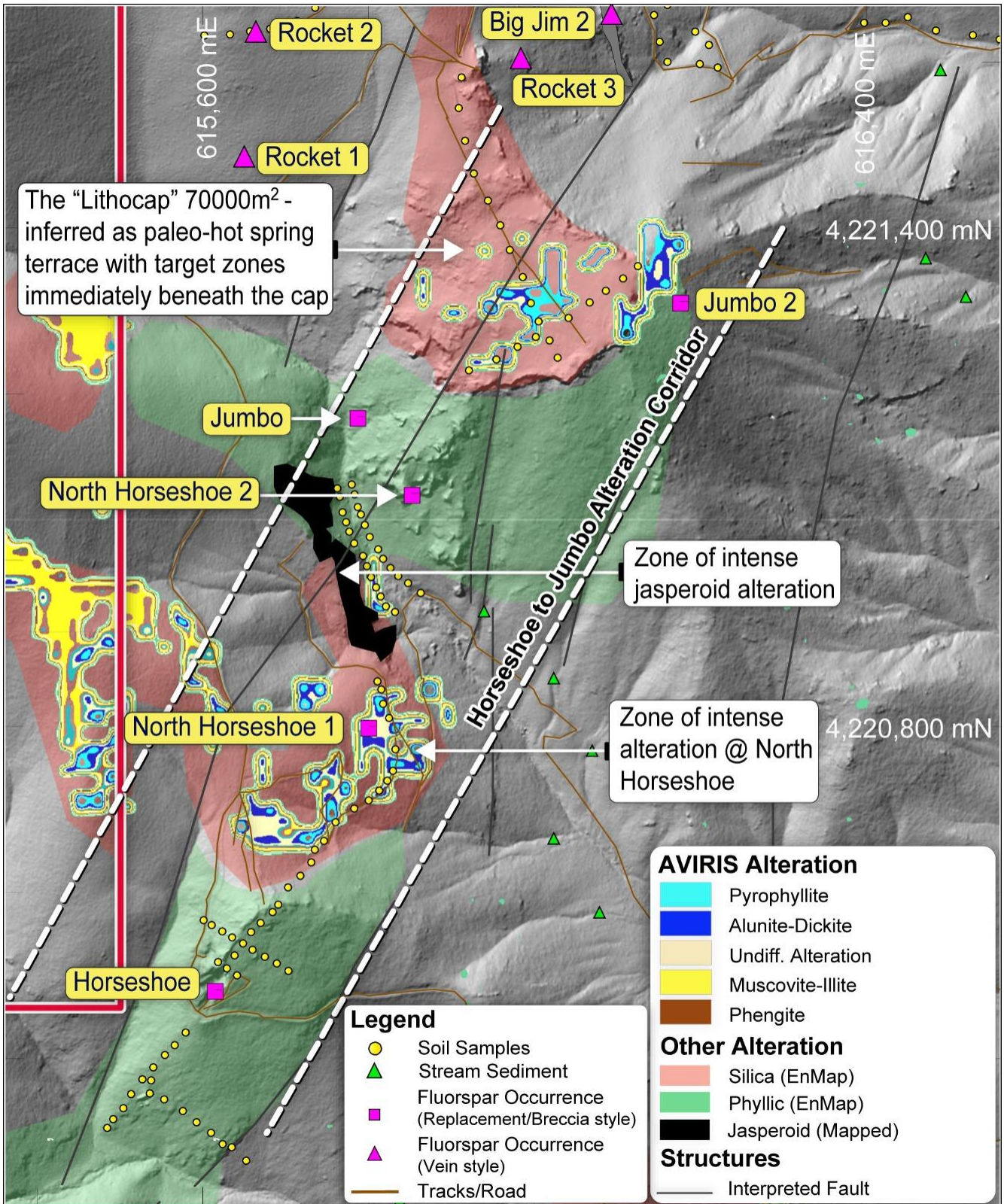


Figure 2 The Horseshoe-Jumbo alteration corridor programs (refer release dated 25 March 2026 for description of geology, mineralization and alteration)

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Figure 3 Quinn Fluorspar Location in Nevada.

Forward Looking Statements

Certain information in this document refers to the intentions of OD6 Metals, however these are not intended to be forecasts, forward looking statements, or statements about the future matters for the purposes of the Corporations Act or any other applicable law. Statements regarding plans with respect to OD6 Metals projects are forward looking statements and can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'intend', 'anticipate', 'believe', 'estimate', 'may', 'should', 'will' or similar expressions. There can be no assurance that the OD6 Metals plans for its projects will proceed as expected and there can be no assurance of future events which are subject to risk, uncertainties and other actions that may cause OD6 Metals actual results, performance, or achievements to differ from those referred to in this document. While the information contained in this document has been prepared in good faith, there can be given no assurance or guarantee that the occurrence of these events referred to in the document will occur as contemplated. Accordingly, to the maximum extent permitted by law, OD6 Metals and any of its affiliates and their directors, officers, employees, agents and advisors disclaim any liability whether direct or indirect, express or limited, contractual, tortious, statutory or otherwise, in respect of, the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence).

Competent Persons Statement

Information in this report relating to geological planning is based on information compiled by Dr Darren Holden who is a Fellow of the Australasian Institute of Mining and Metallurgy.

Dr Holden is an employee of GeoSpy Pty Ltd and is a geological advisor to the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Holden owns shares in the Company and participates in the Company's employee securities incentive plan. Dr Holden consents to the inclusion of the data in the form and context in which it appears.

This announcement has been authorised for release by the Board of OD6 Metals Limited

About OD6 Metals

OD6 Metals is an Australian public company pursuing exploration and development opportunities within the critical minerals sector, namely rare earths, copper and fluorspar.

Rare Earth Elements

OD6 Metals has successfully identified clay hosted rare earths at its 100% owned **Splinter Rock Project** which is located in the Esperance-Goldfields region of Western Australia.

The Company released a Mineral Resource Estimate (MRE) for Splinter Rock in May 2024, confirming that the project hosts one of the largest and highest-grade clay-hosted rare earths deposits in Australia with an Indicated Resource of 119Mt @ 1,632ppm TREO and an Inferred Resource of 563Mt @ 1,275ppm TREO with an overall ratio of ~23% high-value Magnetic Rare Earths (MagREE).

An innovative Process Flow sheet has been selected utilising Heap Leaching, Nano-filtration and Ion Exchange Technologies that have achieved ~75% Nd & Pr overall recovery, produced a high-quality Mixed Rare Earth Carbonate or Hydroxide (MREC/H) of ~56-59% TREO, with low levels of impurities (Al, Fe, P, Si) and extremely low uranium and thorium content.

Fluorspar (Fluorite)

The Company secured an option to acquire the **Quinn Fluorspar Project in Nevada, USA**. Nevada is regarded as one of the world's premier mining jurisdictions and is currently ranked second in the 2025 Fraser Institute's Mining Attractiveness Index.

Historically a number of the Quinn Fluorspar deposits were mined in the 1950's for Fluorspar. In 1969. The United States Geological Survey (USGS) conducted a survey and confirmed fluorspar grading up to 72% CaF₂ in bulk samples.

The USA currently imports 100% of all Fluorspar consumed domestically with 68% of all global supply sourced from China (USGS 2024). Fluorspar is listed as a Critical Mineral by the USGS and is essential in the production of hydrofluoric acid, Al semi-conductor chip etching, advanced battery technologies and nuclear fuel processing with other applications in defence and aerospace technologies.

Copper

The Company is advancing the **Gulf Creek Copper-Zinc VMS Project** located near the town of Barraba in NSW.

Gulf Creek was mined at around the turn of the 20th century and was once regarded as the highest-grade copper mine (2% to 6.5% Cu) in NSW until its closure due to weak copper prices in 1912. Very little exploration has occurred at the project in over 100 years, with OD6 aiming to apply modern day exploration technologies.

The 2025 maiden drilling program successfully defined high grade copper below the historical mine plus confirmed the strong relationship between magnetism and massive sulphide mineralisation. Geophysical modelling has identified multiple, high priority and targets ready for drilling providing over >3km of strike in the immediate mine-stratigraphy, and over >10km across the tenement.

Corporate Directory

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Non-Executive Director	Dr Mitch Loan
Financial Controller/ Joint Company Secretary	Mr Troy Cavanagh
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