

## **SYSTEMATIC EXPLORATION PROGRAM TO COMMENCE AT ULTRA HIGH-GRADE QUINN FLUORSPAR PROJECT, NEVADA**

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### **HIGHLIGHTS**

- **OD6 Metals commences the first systematic exploration program at the Quinn Fluorspar Project in ~60 years.**
- **~320 soil samples** targeting **known high-grade deposits** and regional alteration systems
- **First known modern exploration over major target areas hosting significant fluorspar mineralisation systems, including two substantial and previously untested target systems:**
  - 70,000m<sup>2</sup> Lithocap target
  - 700,000m<sup>2</sup> "Dress Circle" alteration zone
- **Targeting major extensions of historical results across three key targets:**
  - **Horseshoe Deposit:** Historic small-scale mining exposed high-grade mineralisation (>40% CaF<sub>2</sub>) within a replacement/breccia-style ore body mapped over 3,000m<sup>2</sup>
  - **Mammoth Deposit:** Historic channel sampling returned up to 10m @ 44.7% CaF<sub>2</sub> within a replacement/breccia-style ore body mapped over 9,000m<sup>2</sup>
  - **Horseshoe–Jumbo Corridor:** Follow-up of a recently identified intense alteration corridor with significant strike potential
- Regional stream sediment sampling (~40 sites) **to identify additional mineralised catchments**
- **Mapping and channel sampling program** scheduled for April 2026
- **Initial assay results due shortly and will be released to the market progressively.**
- **Exploration activities to support a major drill targeting program and ongoing due diligence activities**

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### **Managing Director Brett Hazelden, commented:**

*"We are pleased to be quickly mobilising and commencing the first modern exploration program at Quinn in approximately 60 years.*

*This initial program is focused on building a robust geochemical and geological framework across the known high-grade deposits and newly identified alteration systems.*

*The scale of alteration and widespread high-grade fluorspar occurrences highlight the strong potential for additional discoveries across the project area.*

*This work will directly inform detailed mapping, channel sampling and drill targeting in the coming months"*

**OD6 Metals Limited (ASX: OD6, “OD6” or “the Company”) is pleased to announce that on-ground field exploration activities are commencing at the Quinn Fluorspar Project in Nevada, USA, marking the first systematic exploration program at the project in approximately 60 years.**

### 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% CaF<sub>2</sub>) identified at the **Mammoth and Horseshoe Projects in replacement / breccia style mineralization mapped out over large 9,000m<sup>2</sup> and 3,000m<sup>2</sup> 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% CaF<sub>2</sub>**.

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 March 2026, 6 March 2026, 16 March 2026 & 25 March 2026).

### On-Ground Field Program Commences

OD6, through its wholly owned subsidiary US Fluorspar LLC, has engaged leading contract/consulting company, **Rangefront Mining Services**, based in Elko, Nevada, to conduct the first concerted exploration program on the project in approximately 60 years. Rangefront is mobilising a team of experienced personnel to conduct the program.

The initial program includes ~320 soil 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. This includes targeting:

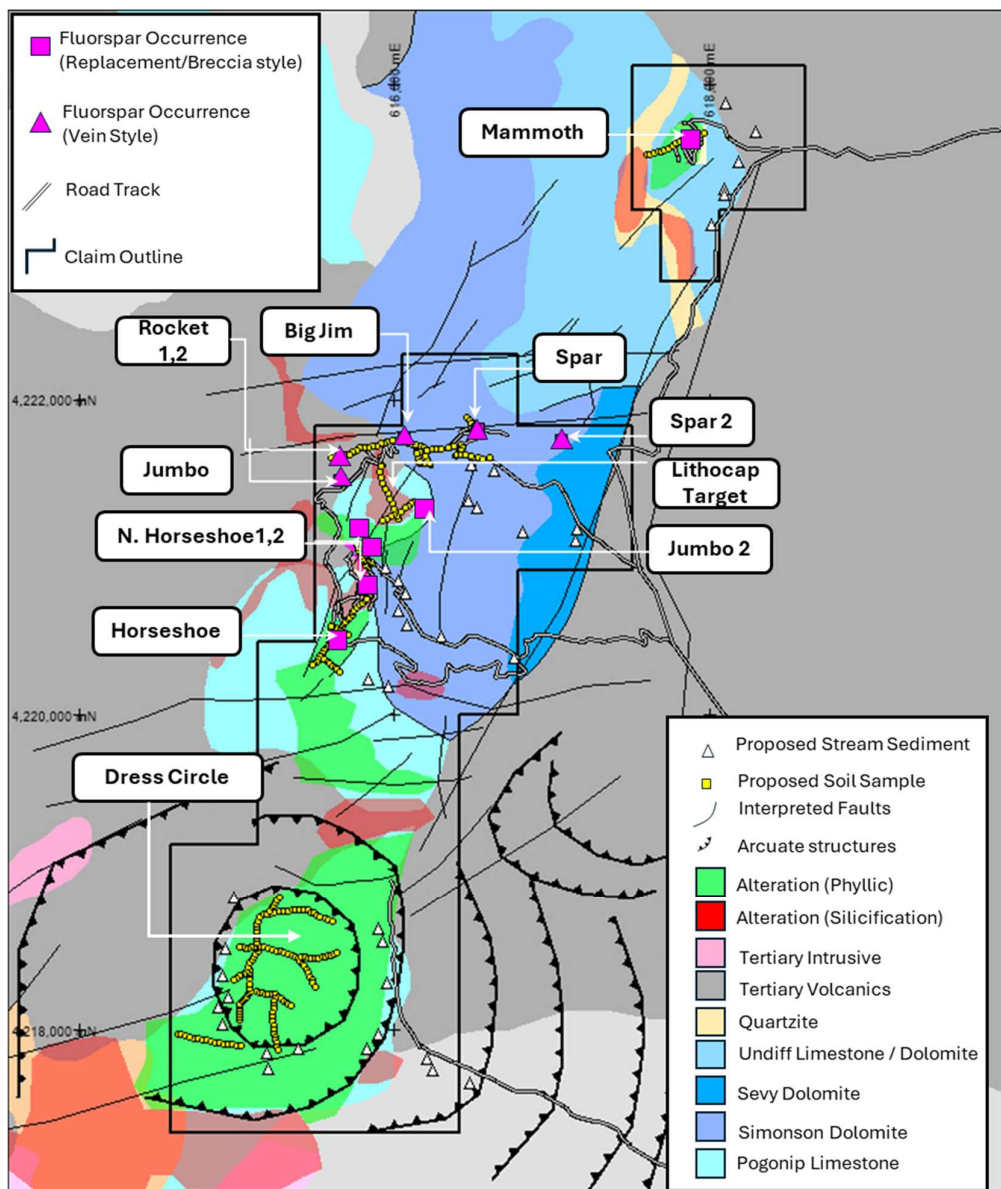
1. The **Horseshoe Deposit**, where previous small scale mining exposed high grade (>40% CaF<sub>2</sub>) in a replacement / breccia style ore body mapped out **over 3000m<sup>2</sup>**
2. Extensions of **Mammoth Deposit**, where previous sampling returned up to **10m @ 44.7%CaF<sub>2</sub>** and a replacement / breccia style ore body mapped out over **9000m<sup>2</sup>**
3. The **Horseshoe-Jumbo corridor** to follow up on the recently identified intense **alteration corridor** system
4. The **70,000 m<sup>2</sup> 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 **700,000m<sup>2</sup> 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

Refer announcements dated [4 March 2026](#), [25 March 2026](#) for further information

In addition, regional **stream sediment sampling across approximately 40 sites** will be conducted to check catchments for upstream epithermal mineralization.

The Company has sourced two geologists for a **mapping and sampling campaign scheduled to commence in April 2026**. This work will include detailed channel sampling of the known deposits at Horseshoe and Mammoth, as well as reconnaissance work to pin-point and sample the other historic occurrences of fluorspar recorded throughout the project area. Following completion of this work, the Company will be in a position to complete the drill hole planning.

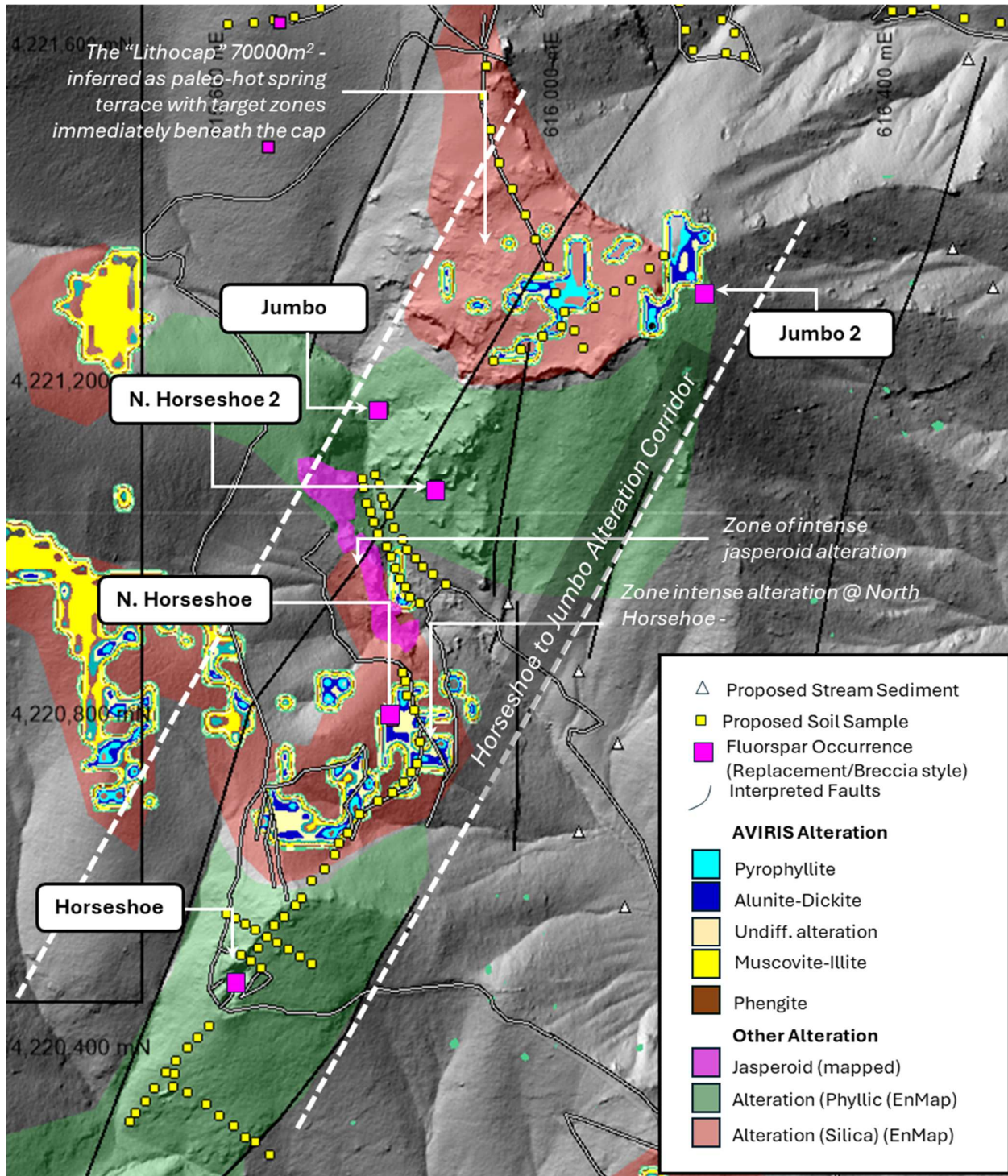
The Company continues to advance due diligence activities, compile historic reports and build its geological dataset across the project area. Initial rock chip and channel sampling assays are currently pending laboratory analysis, with results to be released progressively.



*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)*

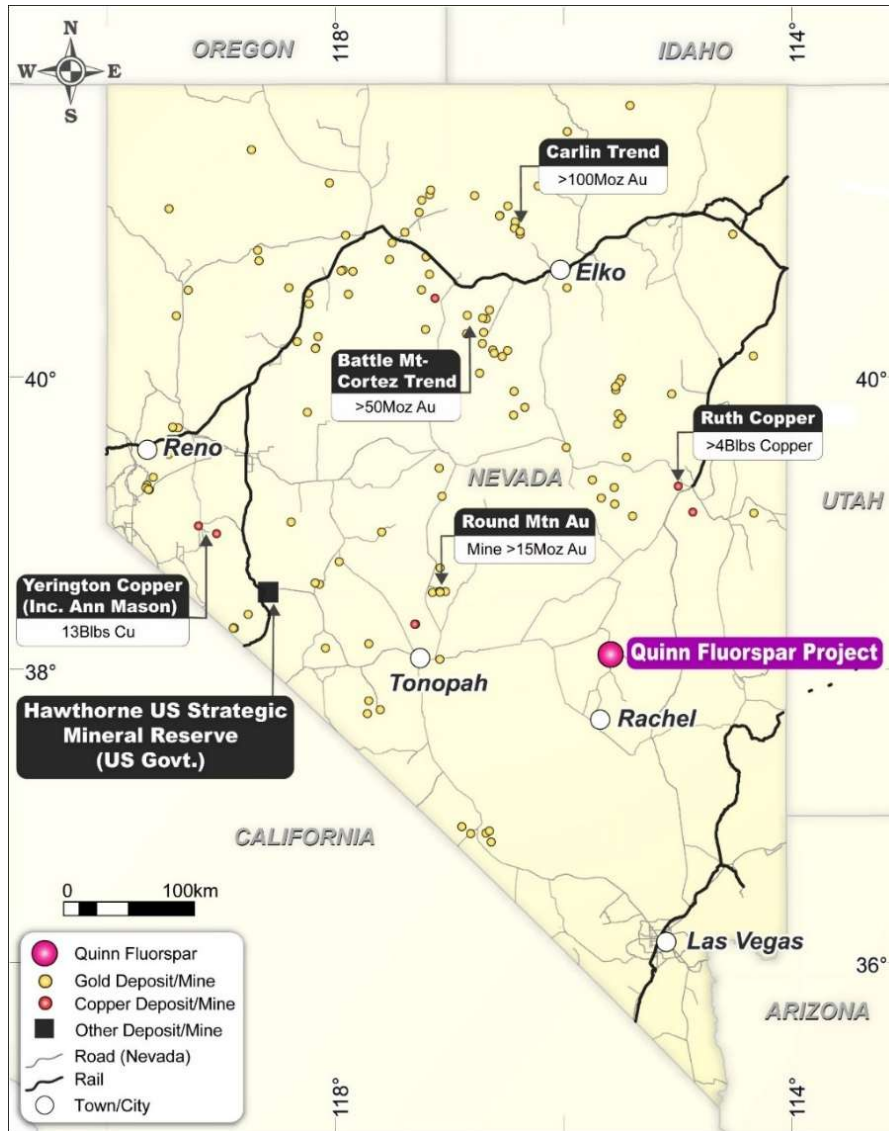


Figure 3 Quinn Fluorspar Location in Nevada.

### 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:

- Conduct systematic surface rock chip and channel sampling
- Verify historic assay grades
- Complete detailed geological mapping and structural interpretation
- Undertake soil geochemistry sampling and testing
- Develop and Prioritisation of drill targets across the district
- Commence permitting requirements for the initial drill program
- Review metallurgical sampling and testing needs

### No New Information

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements. The information in this report relating to the Mineral Resource estimate for the Splinter Rock Project is extracted from the Company's ASX announcement dated 18 July 2024. OD6 confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply.

### 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% CaF<sub>2</sub> 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 targets ready for drilling, providing over >3km of strike in the immediate mine-stratigraphy, and over >10km across the tenement.

## Corporate Directory

Managing Director	Mr Brett Hazelden
Non-Executive Chairman	Mr Piers Lewis
Non-Executive Director	Dr Mitch Loan
Financial Controller/ Joint Company Secretary	Mr Troy Cavanagh
Joint Company Secretary	Mr Joel Ives
Technical Advisor to the Board	Dr Darren Holden

### Contact

OD6 Metals Ltd  
ACN 654 839 602  
[www.od6metals.com.au](http://www.od6metals.com.au)  
Mail to: [info@od6metals.com.au](mailto:info@od6metals.com.au)  
Phone: +61 8 6189 8515  
Level 1, 1 Alvan Street, Subiaco, WA 6008

### Investor Relations

Lucas Robinson  
Corporate Storytime  
[lucas@corporatestorytime.com](mailto:lucas@corporatestorytime.com)  
Phone: +61 408 228 889