

## **STRATEGIC NEW CLAIM STAKING AROUND ULTRA-HIGH GRADE QUINN FLUORSPAR PROJECT**

### **Securing Interpreted Strike Extensions of Historical Fluorspar Areas**

**OD6 Metals Limited (OD6 or the Company) is excited to announce that it has staked additional claims for exploration adjacent to the Quinn Fluorspar Project, enhancing the district scale cluster of historic high-grade fluorspar (CaF<sub>2</sub>) deposits.**

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#### **HIGHLIGHTS**

- OD6 has **staked multiple new claims surrounding known high-grade fluorspar deposits** adjacent to the Quinn Fluorspar Project in Nevada, USA (over which OD6 holds an exclusive option to acquire a 100% legal and beneficial interest as announced on 4 March 2026).
- New claims secure additional ground over extensive **epithermal alteration zones considered highly prospective for new fluorspar discoveries.**
- Expanded landholding within the **broader Quinn fluorite district, covering interpreted strike extensions of several historic deposits** including Mammoth, Spar, Big Jim, Rocket, Jumbo and Horseshoe.
- The additional claims capture multiple structural corridors and favourable carbonate host rocks known to host fluorite mineralisation within the region.
- Newly staked claims also secure the **Dresser epithermal alteration target**, a large untested zone interpreted to **host additional fluorite mineralisation.**
- The additional claims significantly strengthens OD6's position within a historically producing fluorite district in Nevada, one of the world's most attractive mining jurisdictions.

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

*"The newly staked claims surrounding the Quinn Fluorspar Project, which OD6 holds an exclusive option over, significantly strengthens OD6's position within what we believe is an expansive district-scale fluorite system in Nevada. By staking additional claims around the known deposits we have secured key structural corridors and extensive epithermal alteration zones that we believe have strong potential to host additional fluorite mineralisation.*

*Importantly, the new claims capture the large Dresser alteration target, which represents a compelling new exploration opportunity within favourable carbonate host rocks similar to those hosting the existing fluorite deposits in the district.*

*Fluorspar is recognised as a critical mineral in the United States, with growing demand driven by defense batteries, semiconductors, nuclear technologies, steelmaking and advanced fluorochemicals. The United States currently imports 100% of its fluorspar supply, highlighting the strategic importance of developing domestic sources. With the Quinn project located in Nevada, one of the world's leading mining jurisdictions, OD6 is, subject to exercising its exclusive option to acquire the Quinn project, well positioned to advance exploration across this highly prospective district while evaluating the broader opportunity to help supply critical fluorspar to US industry."*

## Major Expansion of Quinn District Footprint

OD6 Metals is pleased to announce **the successful staking of additional claims surrounding the Quinn Fluorspar Project** in Nevada, USA. over which OD6 holds an exclusive option to acquire a 100% legal and beneficial interest.

The newly staked claims extend the Company's land position across a large epithermal alteration system interpreted to host multiple fluorite-bearing structures. These claims have the potential to capture significant exploration upside beyond the known deposits and historic workings at the Quinn Fluorspar Project.

Subject to OD6 exercising its option to acquire the Quinn Fluorspar Project, the expanded claim position will secure the extensive **Quinn fluorite district**, including strike extensions and potential repetitions of the mineralised structures hosting the Mammoth, Spar, Big Jim, Rocket, Jumbo, North Horseshoe and Horseshoe deposits.

Importantly, the new claims also cover the **Dresser target area**, a large zone of epithermal alteration within favourable carbonate host rocks (limestone and dolomite) that has seen little modern exploration despite geological similarities to the nearby fluorite deposits. Epithermal alteration was indicated by reviewing satellite imagery including alteration indices from hyperspectral data from the EnMap satellite.

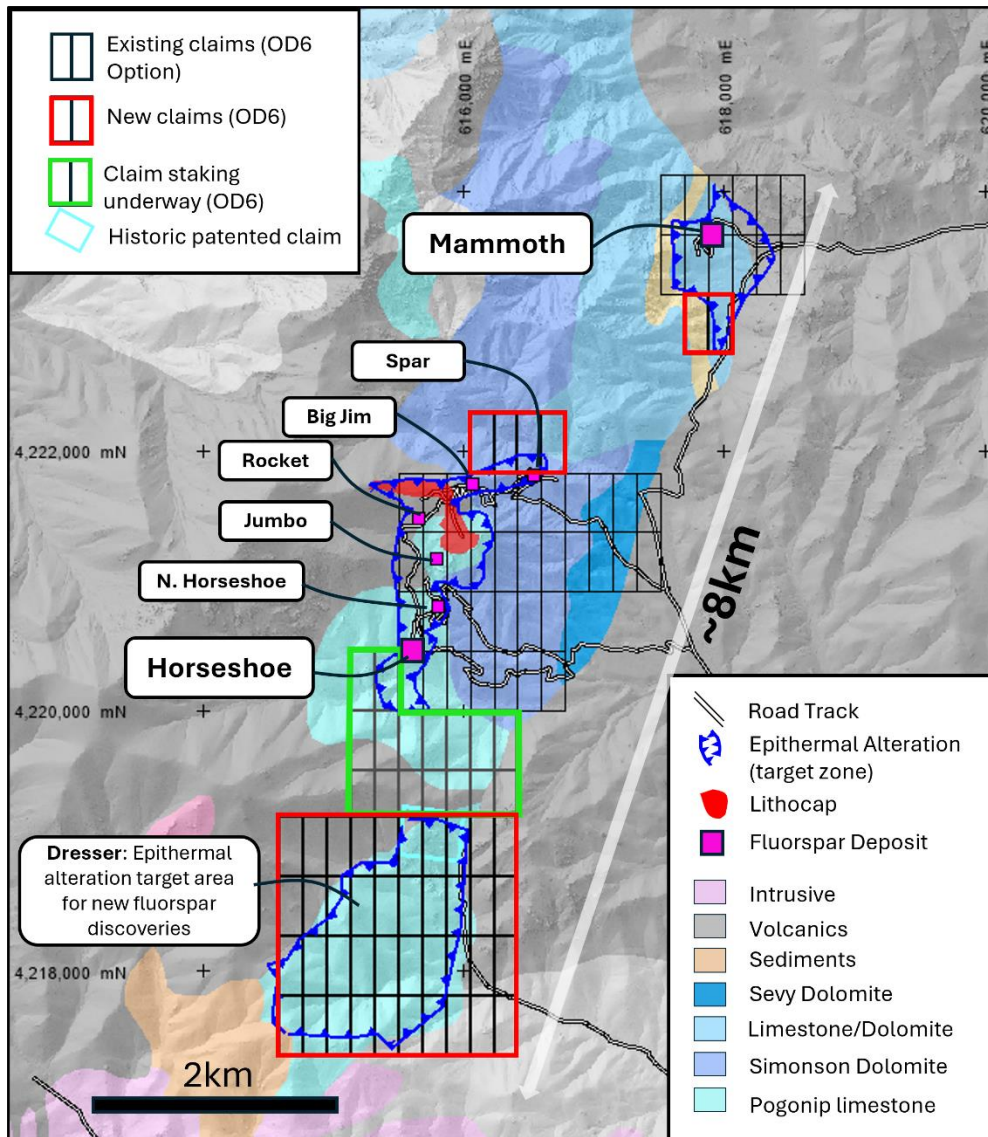


Figure 1 Quinn Fluorspar Project Claim Expansion. Location, Nevada USA

## Consolidating a District-Scale Fluorspar System

The Quinn project is located within a well-developed fluorite district hosted in favourable carbonate sequences, where hydrothermal fluids associated with intrusive activity have produced extensive **fluorite-bearing veins, breccia pipes and replacement bodies**.

Geological mapping and historic data indicate the system extends beyond the known deposits, with epithermal alteration and structural corridors continuing across a broader area.

The new claims were strategically staked to secure:

- Strike extensions of known fluorite deposits
- Large epithermal alteration zones
- Favourable carbonate host rocks
- Structural corridors associated with fluorite mineralisation

Subject to OD6 exercising its option to acquire the Quinn Fluorspar Project, the new claims will provide OD6 with control over a large mineralised system with potential for both **near-term resource growth and new discovery targets**.

## New Discovery Target Area – Dresser Area

A key focus of the claim expansion is the **Dresser epithermal alteration target**, located south of the main Quinn deposits.

This area hosts a large footprint of hydrothermal alteration within favourable Pogonip limestone and Simonson dolomite units, both known to host fluorite mineralisation elsewhere in the district.

The geological setting suggests the Dresser target may represent another centre of hydrothermal activity within the broader fluorite system.

OD6 plans to prioritise this area for **geological mapping, geochemical sampling and target generation**.

## 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
- Consider geophysical testing and interpretation
- Develop and Prioritisation of drill targets across the district
- Commence permitting requirements for the initial drill program
- Review metallurgical sampling and testing needs



Figure 2 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).

## 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 announcements 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.

**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 and targets providing over >3km of strike in the immediate mine-stratigraphy, and over >10km across the tenement.

## Corporate Directory

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