



# Quinn Fluorspar Project Acquisition

A Strategic US Critical Mineral Opportunity

ASX:OD6

March 2026

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## Competent Persons Statement

Information in this presentation relating to Exploration Results for the Quinn Fluorspar Project is based on information reviewed by Dr Darren Holden who is a Fellow of the Australasian Institute of Mining and Metallurgy (**Competent Person**). All Exploration Results in this presentation are historic in nature and the Competent Person has not independently verified the historical data.

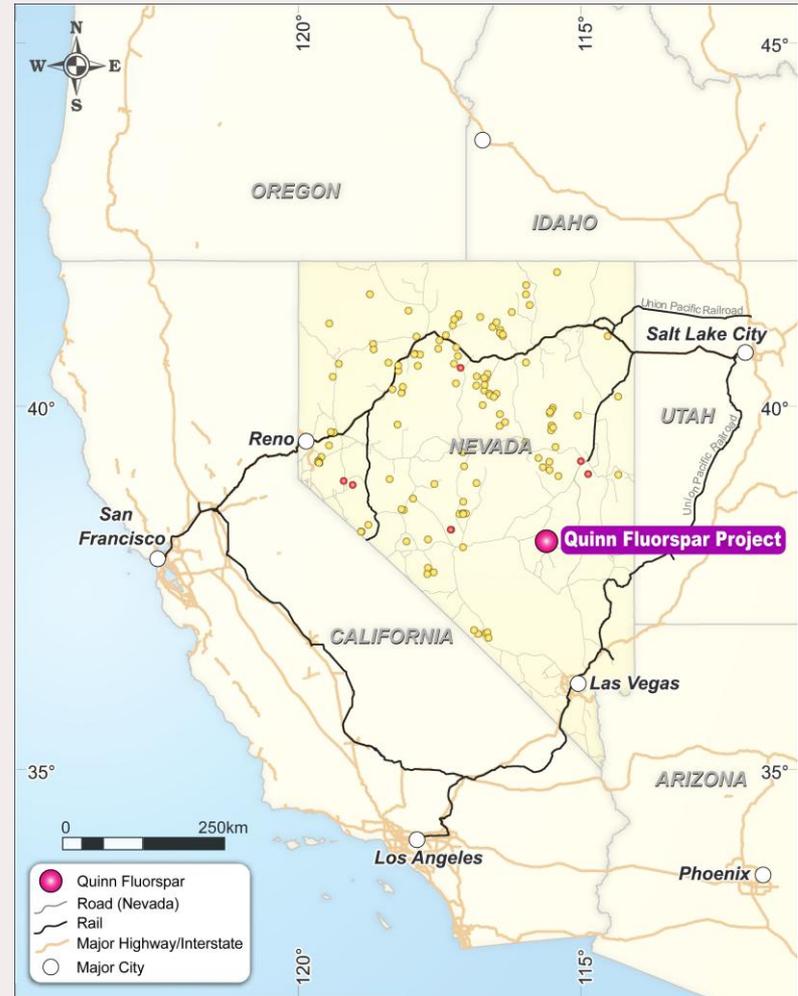
Dr Holden is an employee of GeoSpy Pty Ltd and is geological advisor to the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 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.



# QUINN FLUORSPAR PROJECT, NEVADA USA

- Located in Nevada: Tier-1 US mining jurisdiction
- **Essential role in AI semi-conductor chips, batteries, nuclear power, aerospace and defense.**
- High-Grade Epithermal fluorspar ( $\text{CaF}_2$ ) at a district scale
- **Historic grades up to 94%  $\text{CaF}_2$  in rock samples and 45%  $\text{CaF}_2$  in channel samples**
- Critical Mineral Listed – US, EU, Canada, Australia, Japan
- **US 100% import reliant** – last major production in 1990s
- Quinn's **targeting US market with ~400ktpa demand**
- TVN Case Study at ~\$1B market cap supplying Asia
- Acquisition structure with **low upfront risk and cost**

Refer ASX announcement 4 March 2026 for information sources



# HISTORIC HIGHLIGHTS

District scale, ultra high-grade Fluorspar system with multiple Prospects and Pathways to Resource Growth

## MAMMOTH (HISTORIC WORK)

- ~9,000 m<sup>2</sup> mapped zone of high-grade fluorspar
- Historic grades of **35 to 80% CaF<sub>2</sub>**
- Interpreted to be **30 to 60m wide** extending to depth

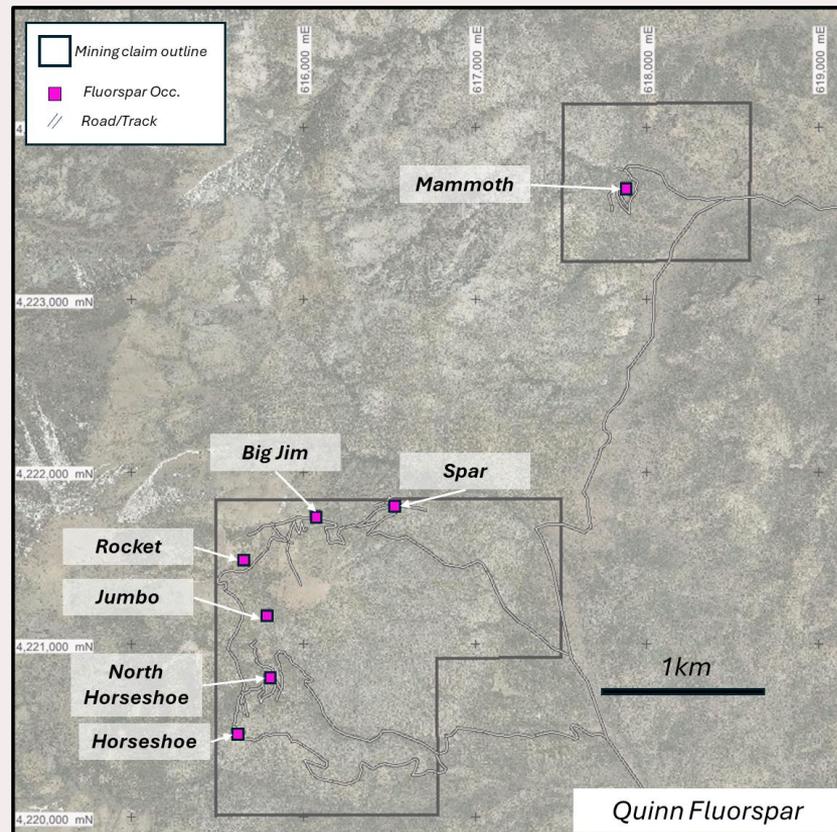
## HORSESHOE (HISTORIC PRODUCTION)

- ~3,000 m<sup>2</sup> mapped zone of high-grade fluorspar
- Historic grades or **44 to 71% CaF<sub>2</sub>**
- Estimated **30m thickness** extending under shallow limestone cover

## OTHER PROSPECTS (HISTORIC WORK)

- Spar Mine - **6.1m @ 78% CaF<sub>2</sub>** in a channel sample
- Big Jim – **74 to 94% CaF<sub>2</sub>** in massive fluorspar vein
- ~**70,000 m<sup>2</sup> Lithocap drill target for Fluorspar**

Refer ASX announcement 4 March 2026 for information sources



# ABOUT FLUORSPAR

A US\$2-3 Billion Acidspar Market

- Fluorspar (**also known as fluorite**) is a simple mineral with the formula **CaF<sub>2</sub>**, which contains 48.9% fluorine by weight
- Fluorspar is the main mineralogical source of fluorine
- High-grade fluorspar mineralisation is typically upgraded through simple processing to produce concentrates
- >97% CaF<sub>2</sub> concentrate known as **Acid spar**
- 60–96% CaF<sub>2</sub> product known as **Metspar**
- Fluorspar is generally sold as a mineral product



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Fluorspar comes in many different colours including white, green, purple

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# ESSENTIAL USES

## Future Facing Products

- Fluorspar is essential in:
  - AI semi-conductor chip etching
  - Advanced battery technologies
  - Nuclear fuel processing
  - Defense
  - Hydrofluoric acid production
  - Steel and Aluminium production
  - Fluorocarbon refrigerants
- Spot prices are currently approximately US\$450-\$650/t
- Fluorspar demand is expected to grow considerably in coming years



# CRITICAL MINERAL

## US 100% Import Reliant

- Fluorspar is officially recognised as a U.S. critical mineral, underpinning national security, industrial resilience, and energy transition objectives.
- Fluorspar is listed on the U.S. Critical Minerals List, first formalised by Donald Trump - Executive Order 13817
- The designation reflects:
  - High import to dependence
  - Concentrated foreign supply
  - Essential downstream industrial uses
- Australia, EU, Canada, Japan – recognised Critical Mineral



# NEVADA

Consistently ranked as one of the world's best mining jurisdictions

- **Nevada is ranked the best mining jurisdiction globally**, on Investment Attractiveness Index and consistently ranked among the top five globally on Policy Perception and Best Practice Mineral Potential according to the Fraser Institute.
- **The state provides established mining infrastructure** and a transparent permitting framework supportive of critical minerals development.
- **Nevada hosts successful ASX-listed companies**, including Sun Silver Ltd (SS1.ASX), which is advancing the Maverick Springs Silver Project and American Tungsten and Antimony Ltd (AT4.ASX) which is advancing 2 Tungsten projects in Nevada.



# STRATEGIC POSITIONING

## Potential Government Support

Fluorspar directly supports domestic manufacturing, electrification, defence readiness, and chemical sovereignty, making U.S. projects well-positioned for:

- Federal and State loan programs
- Strategic offtake backing
- Permitting prioritisation at state and federal levels

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United States, initiatives such as the “**FAST-41**” permitting pathway may support accelerated development for priority mineral projects

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Trump administration’s “**Project Vault**” which aims to establish a US\$12B critical minerals stockpile

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Australian Government has established the A\$1.2B **Critical Minerals Strategic Reserve (CMSR)**

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Ares Strategic Mining (CSE: ARS) secured major multi-year U.S. Department of Defense contract worth up to US\$250M over five years

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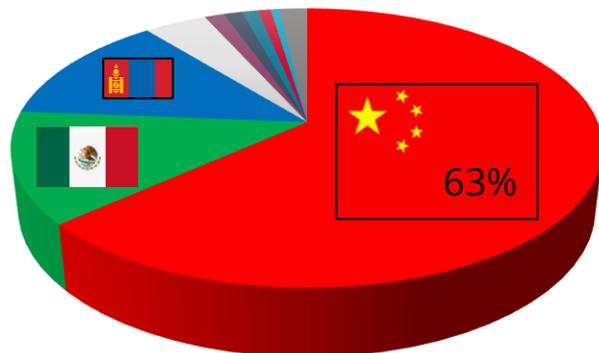
# SUPPLY RISK

Price Forecast to Increase

China and Mexico dominate global supply

The US is highly dependent on imports for fluorspar

Leading countries based on mine production of fluorspar worldwide in 2024 (in 1,000 metric tons)



- China
- Mexico
- Monngolia
- Spain
- Iran
- Vietnam
- Germany
- Thailand
- Pakistan
- Other Countries

Source: [https://www.statista.com/statistics/1051717/global-fluorspar-production-by-country/#google\\_vignette](https://www.statista.com/statistics/1051717/global-fluorspar-production-by-country/#google_vignette)

## Fluorspar deficit

In 2025, fluorspar demand forecast to exceed current production capacity by 1%–4%

By 2035, all demand projections will exceed current production capacity by 40%–70%



Source: US Department of Energy, Critical Materials Assessment, 2023



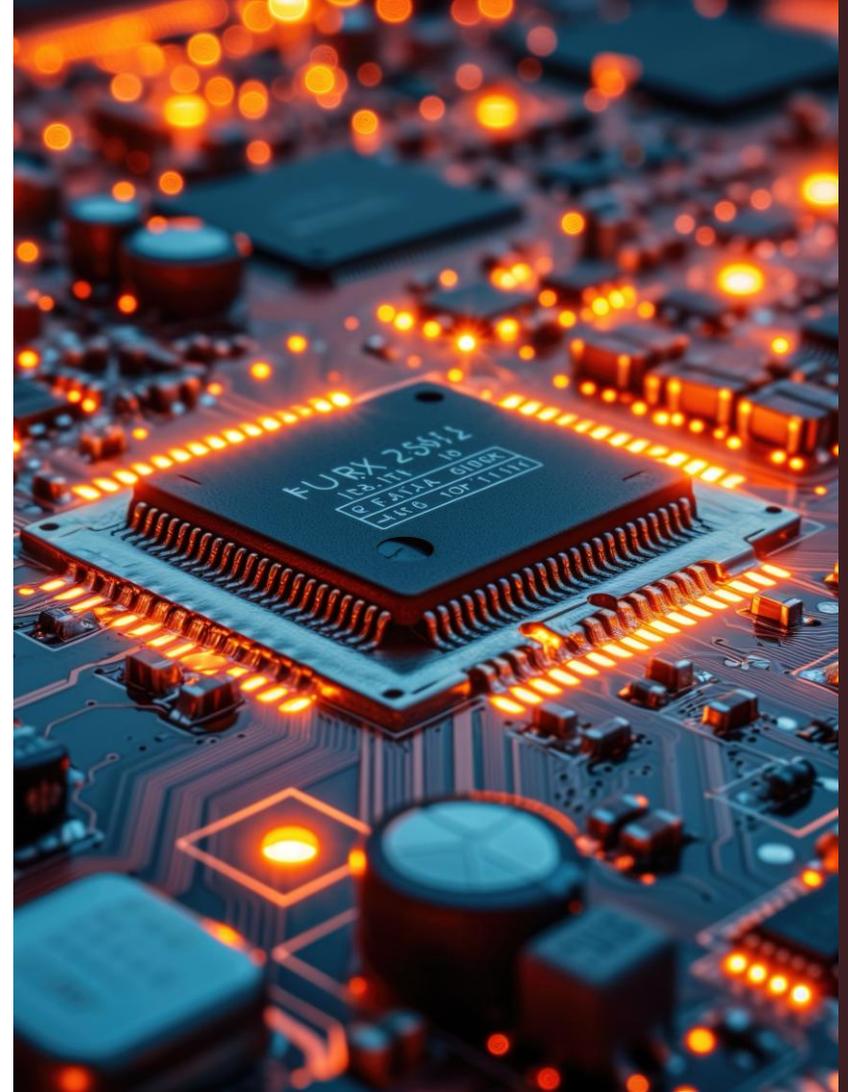
Currently ~8 Mtpa Global Demand for Fluorspar



# AI SEMI-CONDUCTORS

## Fluorine is Non-Substitutable

- Fluorine compounds are essential in **plasma etching and wafer cleaning** in semiconductor chips for use in AI
- Plasma etching requires fluorinated gases for extreme precision
- Advanced logic nodes (AI GPUs) require higher etching intensity per wafer
- **TSMC, Intel & US domestic fabrication expanding capacity**
- US CHIPS Act investing US\$50+ billion
- More advanced chips = more fluorine per wafer



# BATTERIES

## No Fluorine, No Lithium Battery

- Advance Lithium-ion batteries technologies use **LiPF<sub>6</sub>** as the dominant electrolyte salt
- Higher-energy EV batteries require greater fluorine intensity per cell
- Fluoropolymers (e.g. PVDF) are widely used in electrode binders and battery separators
- **Battery reality:** There is no commercially scalable lithium-ion chemistry without fluorine — and no fluorine without fluorspar.
- US domestic EV and battery plant build-out accelerating
- IRA incentives driving US-based battery gigafactories



# NUCLEAR POWER

## Fuel Rods Needs Fluorine - UF<sub>6</sub>

- Fluorine is a critical reagent in the enrichment of uranium as a nuclear fuel source
- Yellow Cake (U<sub>3</sub>O<sub>8</sub>) is converted to **Uranium Hexafluoride (UF<sub>6</sub>)**, Enriched in Centrifuges, used in Nuclear Fuel Rods
- SMRs (Small Modular Reactors) expanding
- US nuclear fleet extensions
- Nuclear fuel demand rising
- Uranium enrichment capacity being reshored
- **AI Data Centers proposing Nuclear Power Stations for reliable power supply**

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*[Google joins Microsoft in plans to restart US nuclear plants to power AI infrastructure](#)*

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# DEFENSE

## Fluorine Underpins Military Capability

- Fluorine compounds are considered critical for:
  - Missile guidance electronics (semiconductor etching)
  - Radar and satellite systems
  - Jet engine components & high-temperature alloys
  - Military-grade lithium batteries
  - Uranium enrichment for naval propulsion
  - Specialty optical lenses (calcium fluoride crystals)
  - Submarine electronics
  - AI data centers
- **US seeks onshore supply chain sovereignty**



# TVN CASE STUDY

## Complimentary Mines & Markets

- Tivan Ltd (TVN.ASX) have two Fluorspar projects based in Australia
- TVN's Speewah Project hosts a JORC compliant Resource of:  
43.2 Mt @ 8.3% CaF<sub>2</sub> (at a 2% CaF<sub>2</sub> cut-off grade) containing 3.6 Mt CaF<sub>2</sub>
- TVN targeting supplying Asia
- OD6 Quinn's targeting US market which currently has ~400ktpa demand
- No competition – complimentary assets
- Significant upside potential for OD6

Refer [Tivan ASX announcement 4 February 2026](#). OD6 makes no representations regarding Tivan's Resource.

## TVN MARKET CAP APPROACHING ~A\$1B

TVN ASX Chart



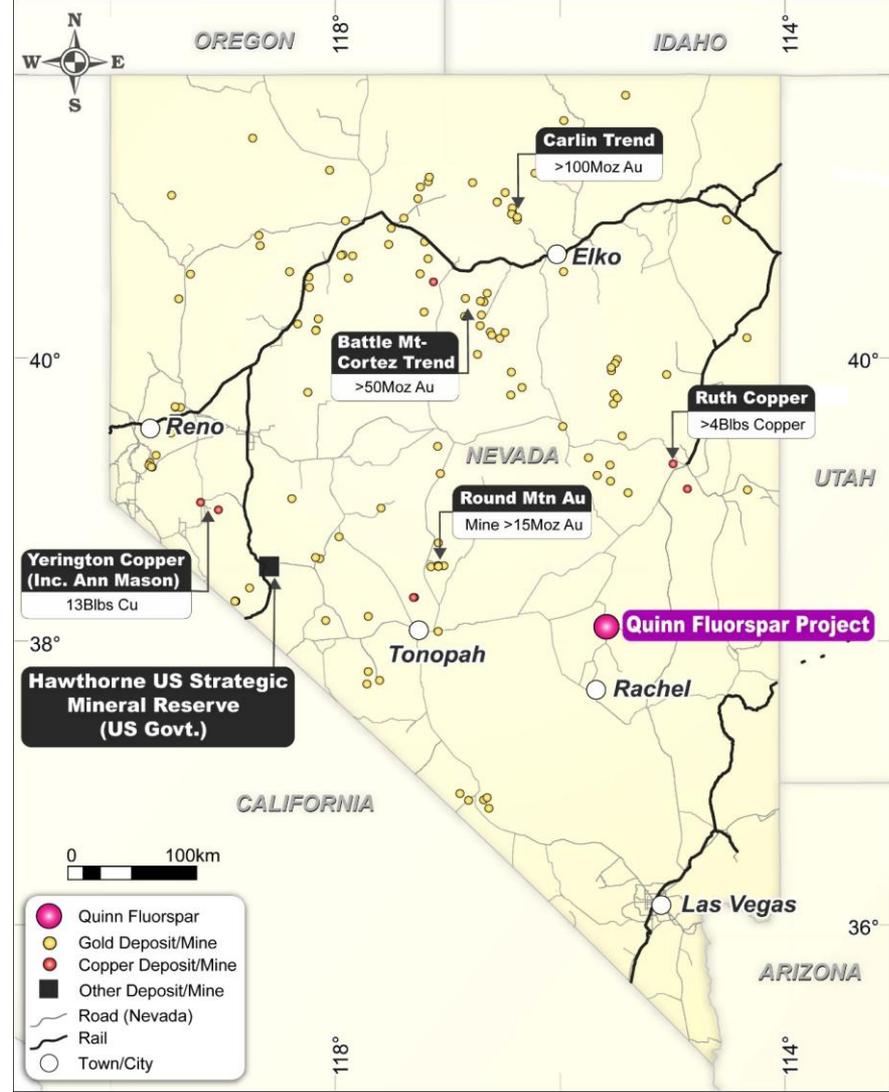
As 27-2-2026



# LOCATION & ACCESS

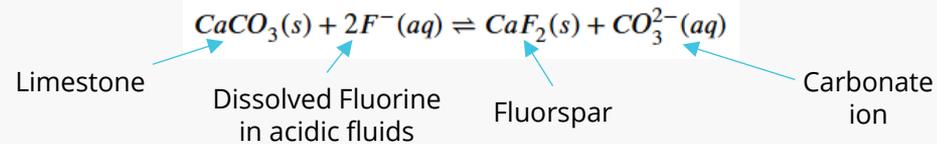
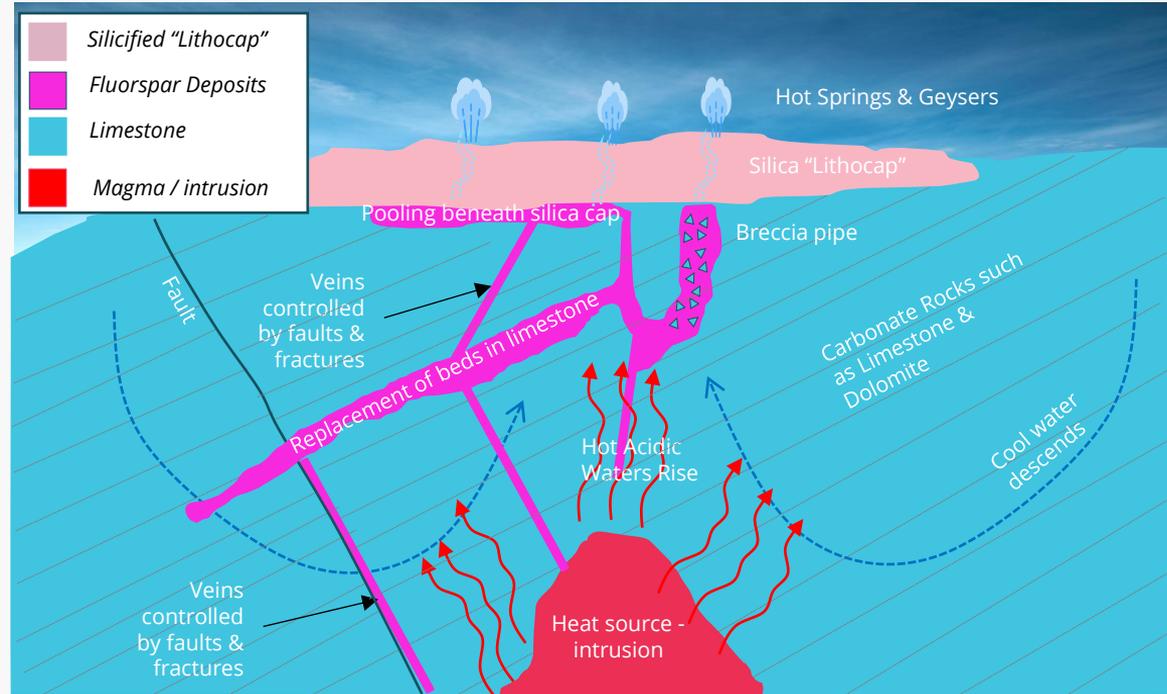
## Large Effective Transport Network

- ~220km north of Las Vegas
- ~130km east of mining centre Tonopah
- ~300km by road from newly established US Strategic Minerals Reserve
- Excellent road and rail access and proximity to established mining regions
- Numerous Ports on the West Coast
- US Interstates offer easy transport to end user
- The Project area has excellent access
  - ~35km on well formed county roads from the township of Rachel
  - ~5km on existing track that cross the project area



# EPITHERMAL FLUORSPAR FORMATION

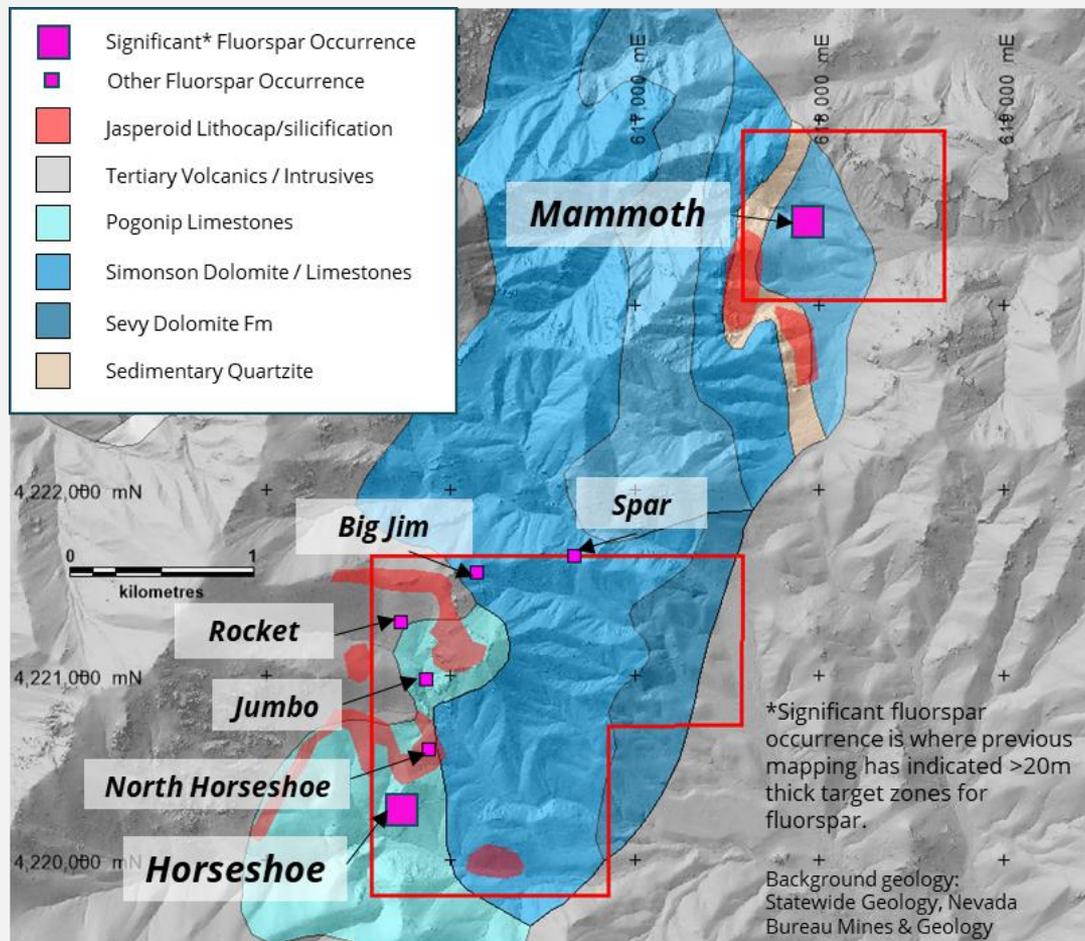
- Fluorspar deposits form in the near surface epithermal environments
- Fluorine bearing hydrothermal acidic fluids rise from an intrusive source
- The acid reacts with the limestone and other carbonates and forms fluorspar



# LOCAL GEOLOGY

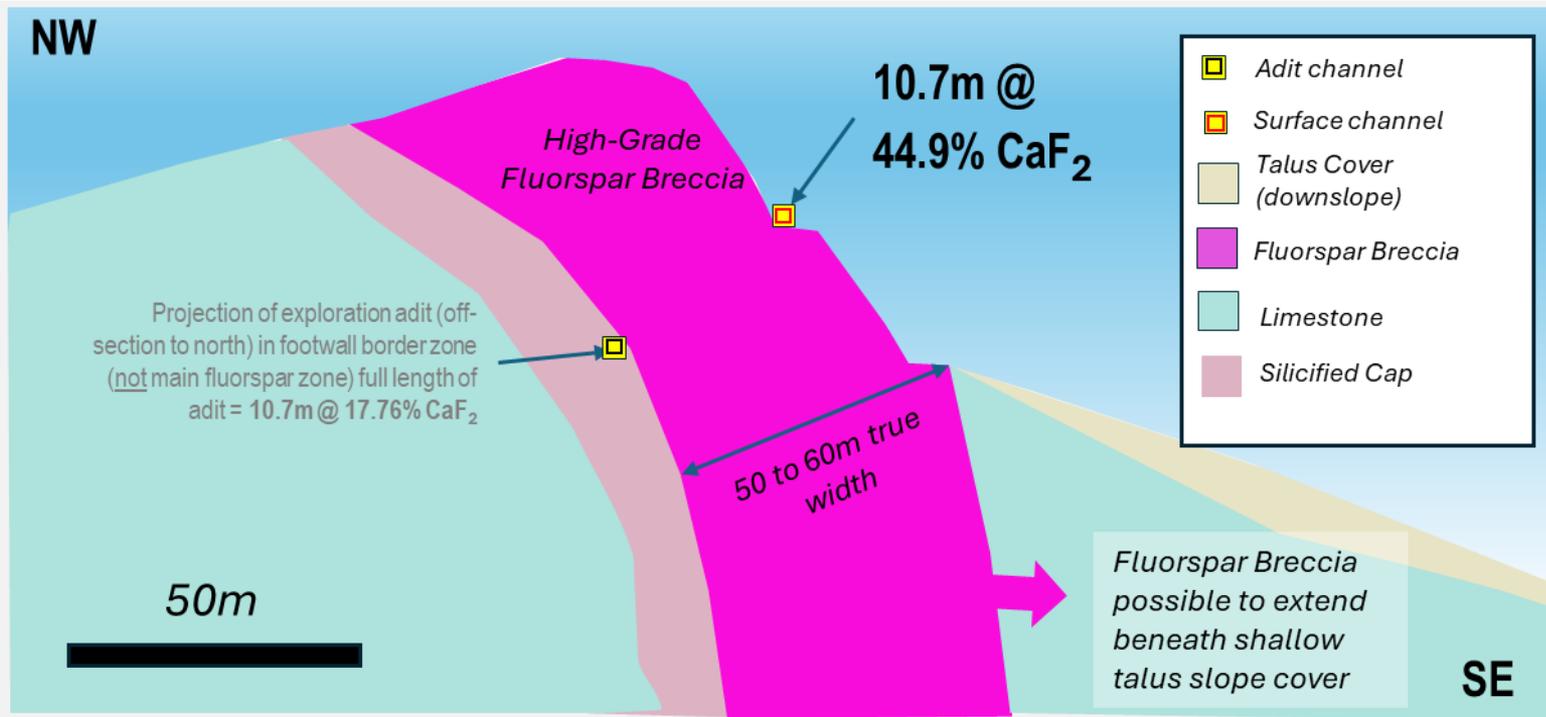
## Multiple Fluorspar Outcrops

- Quinn Fluorite Project consists of Paleozoic limestones and dolomites
- Tertiary volcanism in the area introduced hydrothermal alteration and emplaced fluorite as veins, breccia and replacing strata in the limestones
- Limestone & dolomites, as carbonate rocks, are very reactive to acidic hydrothermal fluids and are excellent foci for mineral deposits including fluorspar



# MAMMOTH DEPOSIT

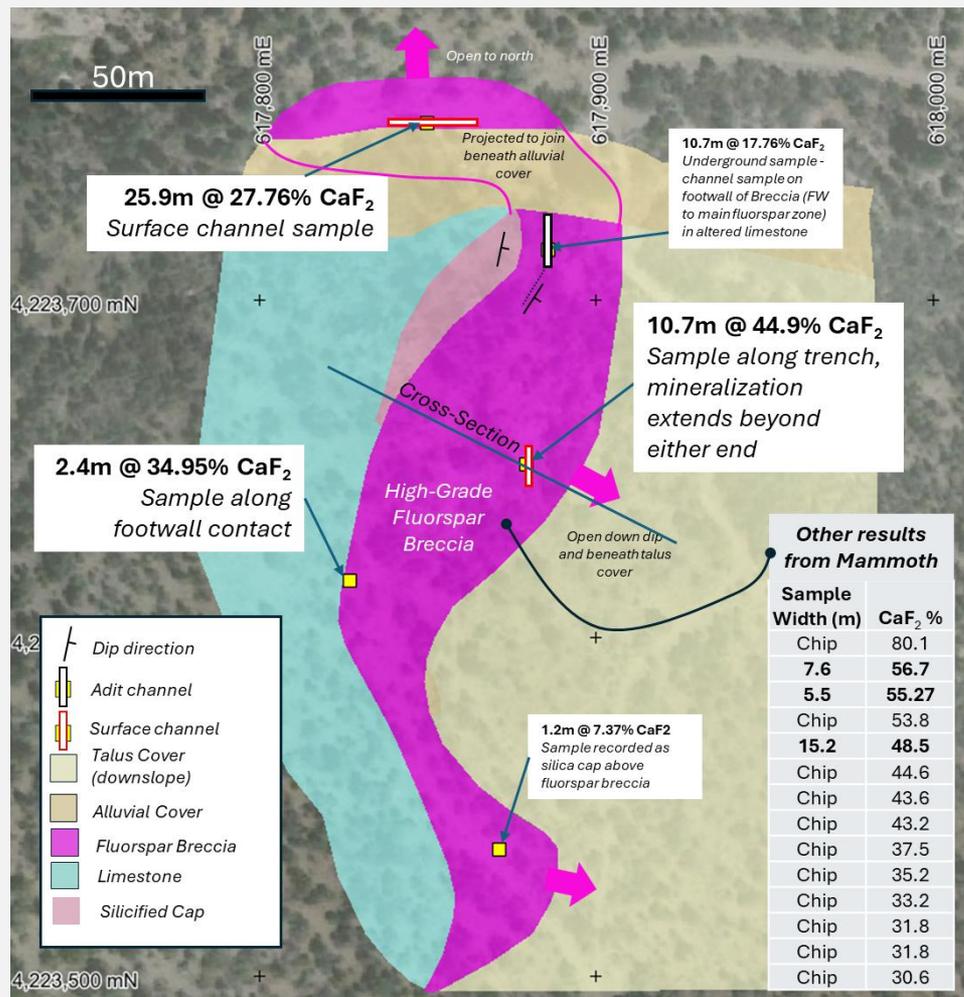
- Fluorspar breccia interpreted to dip steep to the SE.
- Eastern margin obscured by talus gravel cover (fluorspar body projected to **extend under cover and at depth**)



Refer press-release dated 4 March 2026 for information sources

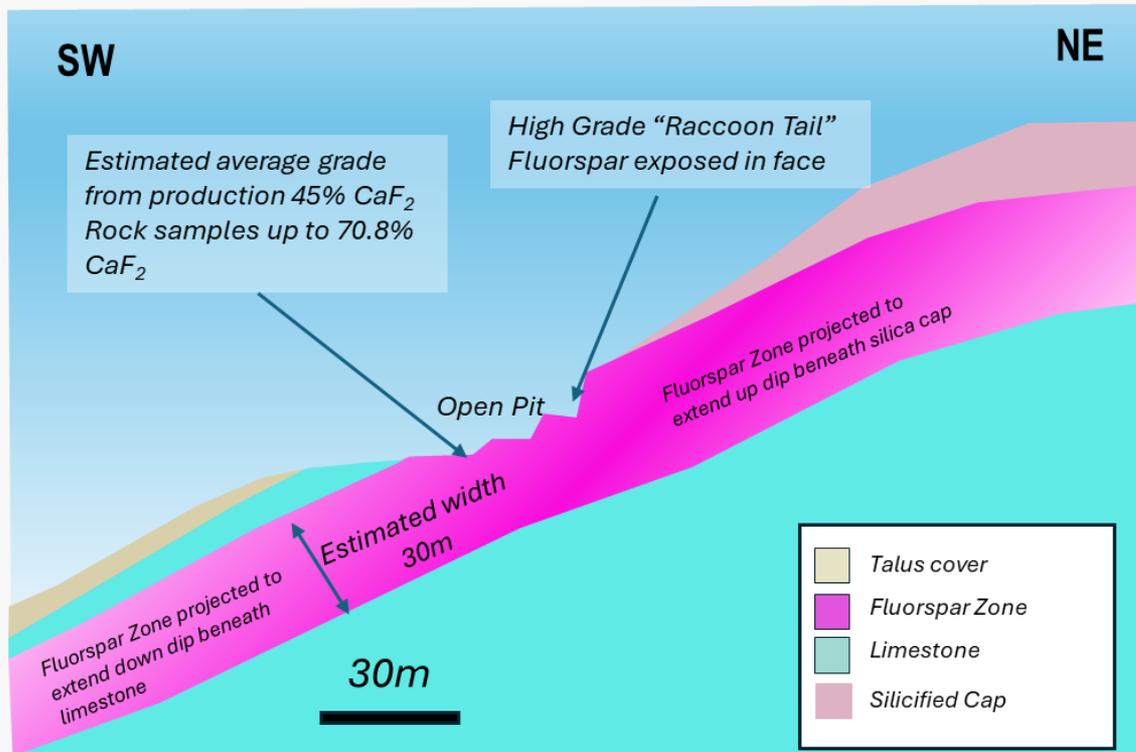
# MAMMOTH DEPOSIT

- ~9,000 m<sup>2</sup> mapped zone of high-grade fluorspar
- Breccia fill fluorspar with high-grade 'raccoon-tail' textures
- Previous sample results in the main zone including
  - Up to **80.1% CaF<sub>2</sub>** in rock results
  - **15.2m @ 48% CaF<sub>2</sub>** in channel sampling
  - **10.7m @ 44.9% CaF<sub>2</sub>** (surface channel)
  - **2.4m @ 34.95% CaF<sub>2</sub>** (surface channel)
- **34.9% CaF<sub>2</sub>** estimated average main zone grade
- Previous sample results in footwall silicified limestone includes **25.9m @ 27.6% CaF<sub>2</sub>** & **10.7m @ 17.76% CaF<sub>2</sub>** suggesting potential to expand the footprint with medium grade to the east



# HORSESHOE DEPOSIT

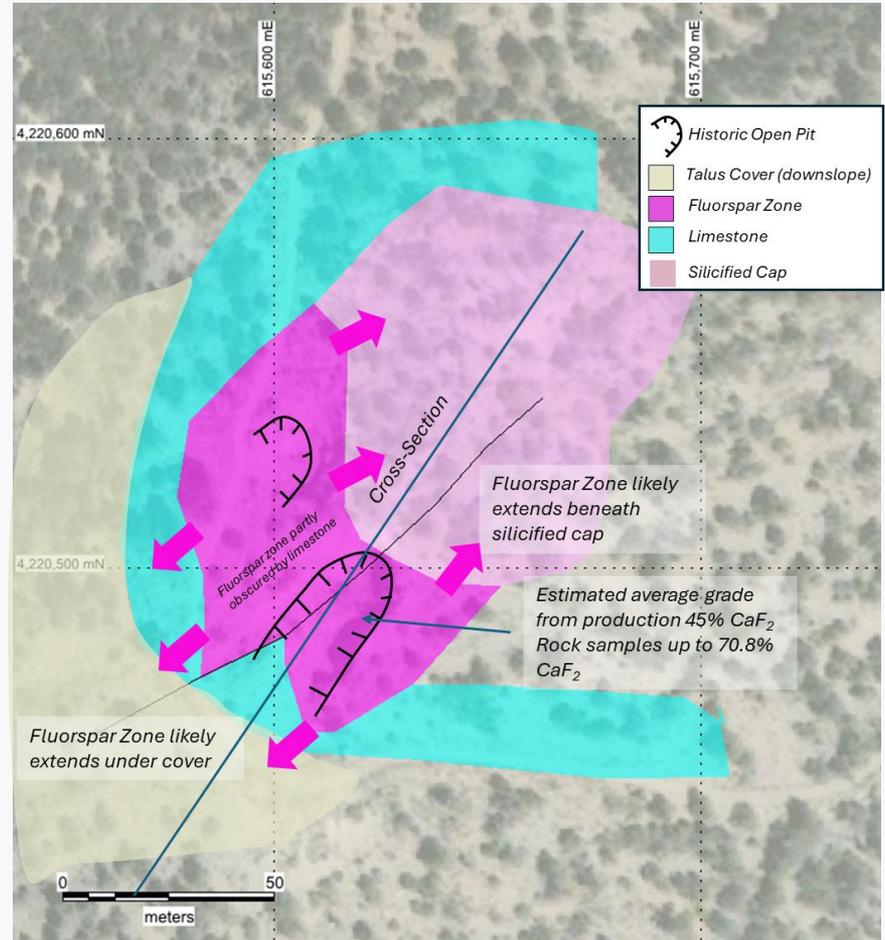
- Replacement fluorspar body dips to the SW
- Highly silicified limestone cap obscures up dip extensions
- Talus cover obscures down-dip extensions
- Estimated thickness of 30m



Refer ASX announcement 4 March 2026 for information sources

# HORSESHOE DEPOSIT

- **26,000 tonnes** mined in historic shallow open pits
- ~**3,000 m<sup>2</sup>** mapped zone of **high-grade fluorspar**
- Previous results include:
  - **Up to 71% CaF<sub>2</sub>** in rock chips
  - **Average 44.9% CaF<sub>2</sub>** from surface samples
- Replacement style mineralization
- Likely extends up and down dip beneath silicified limestone and talus cover.

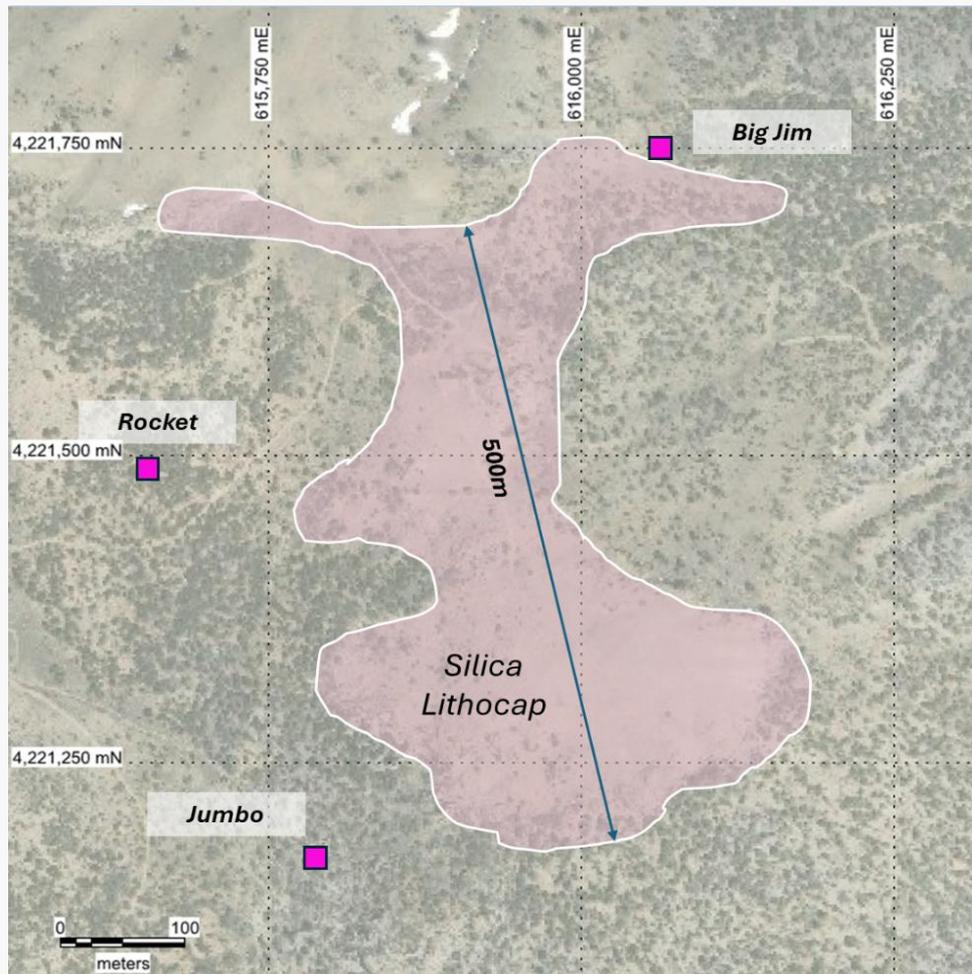


Refer press-release dated 4 March 2026 for information sources



# OTHER PROSPECTS

- Spar Mine  
**6.1m @ 78% CaF<sub>2</sub>** in channel sample  
**6.1m @ 71% CaF<sub>2</sub>** in channel sample
- Big Jim  
**94% and 90% CaF<sub>2</sub>** in rock chips from 1 to 2m wide vein  
**74.9% CaF<sub>2</sub>** in 0.3m rock chip from altered sediments above the vein
- Rocket, Jumbo and North Horsehoe **CaF<sub>2</sub>** occurrences noted by USGS
- **70,000 m<sup>2</sup> lithocap** indicates large epithermal system with target beneath



# SIMPLE RESOURCE DELINEATION, MINING & PROCESSING



OD6 plans to delineate a Fluorspar resource at Quinn's through systematic drilling of known mineralisation



Based on the project's mining history and known geology, open pit mining methods should be suitable with underground mining options for some potential high-grade deposits



Processing pathway likely to be simple crushing, milling and flotation to produce an Acidspar product. Metspar could be produce as a simple crushed lump and fines product

# ACQUISITION TERMS

## Favorable Deal, Based on Success

- Low risk upfront payment of A\$75k to acquire 120 day option, extendable for a further 60 days on A\$25k payment
- Option exercise payment of A\$200k (50% cash and 50% shares) upon OD6 being satisfied with due diligence and otherwise comfortable with completing.
- Drill permit approval payment of A\$200k (50% cash and 50% shares)
- Drill commencement payment of A\$350k (50% cash and 50% shares)
- Deferred payments of A\$3.25m (50% cash and 50% shares) are also payable upon achievement of certain milestones
- 2% net smelter royalty (NSR) on any fluor spar minerals recovered from the Project (**Fluorspar Royalty**), plus 1% NSR on all other metals
- Buyback of 50% of Fluorspar Royalty by making payment of US\$1 million and First Right of Refusal for sale of Royalty by Sellers

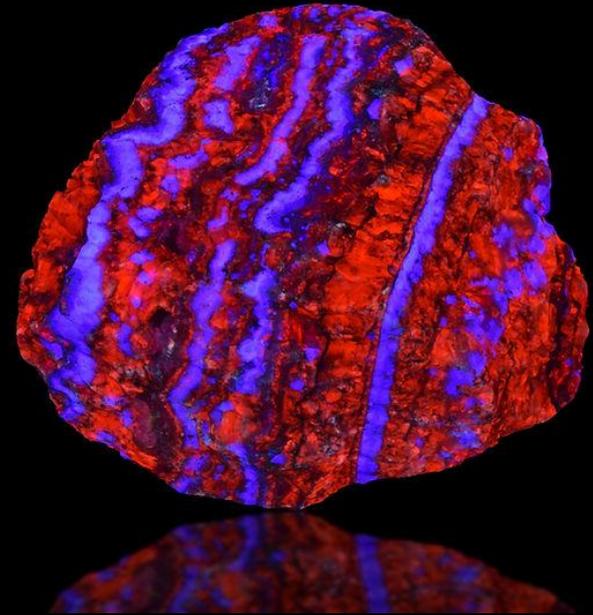
## Deferred Milestones

- **Milestone 1 (\$500k)** – JORC-compliant Indicated Mineral Resource >2 million tonnes at an average grade >30% CaF<sub>2</sub>
- **Milestone 2 (\$750k)** – JORC-compliant Indicated Mineral Resource >5 million tonnes at an average grade >30% CaF<sub>2</sub> and metallurgical recovery >75%
- **Milestone 3 (\$1M)** – Bankable Feasibility Study , based on JORC Ore Reserves and a IRR >20%
- **Milestone 4 (\$1M)** – Commencement of Commercial Production

# NEXT STEPS

## Groundwork Commences

- 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 drill testing programs
- Commence permitting requirements for the initial program
- Review metallurgical sampling and testing needs



Fluorspar fluoresces purple under UV light.  
Calcite fluoresces orange/red

# BUILDING A MULTI-COMMODITY CRITICAL MINERALS COMPANY

## QUINN FLUORSPAR - USA



## SPLINTER ROCK RARE EARTHS



## GULF CREEK COPPER



# CORPORATE SNAPSHOT

High Calibre Leadership Team and Tight Capital Structure

## Capital Structure (pre raise)

**ASX: OD6**

Price per share <sup>1</sup>	A\$0.054
Total number of shares on issue <sup>1</sup>	202.4M
Performance rights and options <sup>2</sup>	72.8M
Market capitalisation (undiluted) <sup>1</sup>	A\$11.0M
Cash <sup>2</sup>	A\$2.0M
Debt <sup>2</sup>	Nil
Enterprise value	A\$9.0M



**Mr Brett Hazelden**

MANAGING DIRECTOR



**Mr Piers Lewis**

NON-EXECUTIVE CHAIRMAN



**Dr Mitch Loan**

NON-EXECUTIVE DIRECTOR



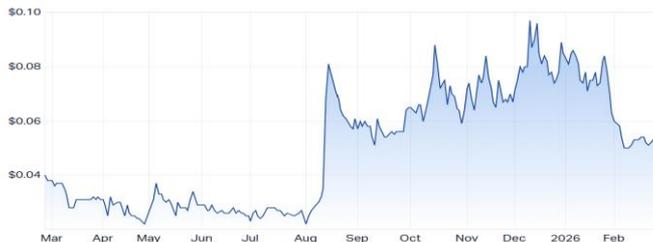
**Dr Darren Holden**

Geological Advisor

## Share Price 12 Month History

**A\$/share**

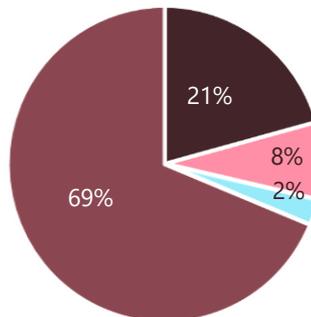
OD6 ASX Chart



1. As at 27 February 2026

2. Cash balance as at 31 December 2025

## Register Detail & Research



- Founders
- Directors and Management
- Family Offices and Institutions
- Retail / Other

# CONTACT US

## CONTACT US

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### REGISTERED OFFICE

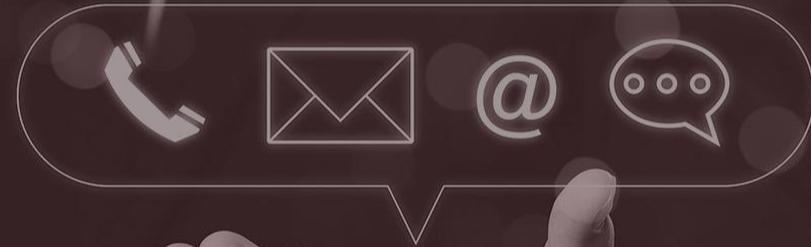
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