OD6 METALS LTD

Advancing USA and Australian Critical Mineral Projects

Investor Briefing

ASX : OD6

7 October 2026



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IMPORTANT INFORMATION

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No New Information

This document contains information extracted from OD6's ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (**JORC Code**), which were prepared by a Competent Person in accordance with the JORC Code and are available for viewing at https://www.od6metals.com.au/announcements. OD6 confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement. The Company confirms that the form and context in which each relevant Competent Person's findings are presented have not been materially modified from those 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 29 May 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.

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- may include, among other things, statements regarding incomplete and uncertain proposals or targets, production and prices, operating costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions;
- are necessarily based upon several estimates and assumptions that, while considered reasonable by OD6, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
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No representation is made that, in relation to the tenements the subject of this presentation, OD6 has now or will at any time in the future develop further resources or reserves within the meaning of the JORC Code.

CORPORATE SNAPSHOT

Capital Structure	ASX: OD6
Price per share [4]	A$0.098
Total number of shares on issue [2]	367.70 M
Unlisted options [1]	37.55 M
Listed 10c options (ASX:OD6O) [1]	33.7 M
Performance rights [1]	1.3 M
Market capitalisation (undiluted) [2]	A$36.04 M
Cash [3]	A$8.68 M
Debt [1]	Nil
Enterprise value	A$27.36 M



Mr Brett Hazelden
MANAGING DIRECTOR



Mr Piers Lewis
NON-EXECUTIVE CHAIRMAN



Dr Mitch Loan
NON-EXECUTIVE DIRECTOR



Dr Darren Holden
Geological Advisor



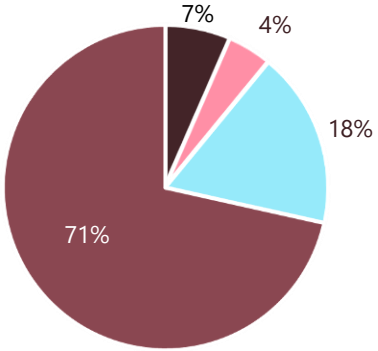
Hon Julie Bishop
Strategic Advisor

PETRA CAPITAL | next investors | East Coast RESEARCH | Undiscovered Alpha

Share Price 12 Month History A$/share



Register Detail & Research



1. As at 30 September 2026
2. Proforma including shares to be issued on 12 October 2026
3. Proforma Cash as at 30 September 2026 + $6.92M ASX placement
4. As at 6 October 2026

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BUILDING A MULTI-COMMODITY CRITICAL MINERALS COMPANY

QUINN FLUORSPAR - USA



SPLINTER ROCK RARE EARTHS - WA



GULF CREEK COPPER - NSW



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Quinn Fluorspar Project Acquisition Completed

A Strategic US Critical Mineral Opportunity



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CRITICAL MINERAL

US 100% Import Reliant

- **Fluorspar is officially recognised as a U.S. critical mineral,** underpinning national security, concentrated supply chain, 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 dependence
  - Concentrated foreign supply
  - Essential downstream industrial uses
- **Australia, EU, Canada, Japan** – recognised Critical Mineral

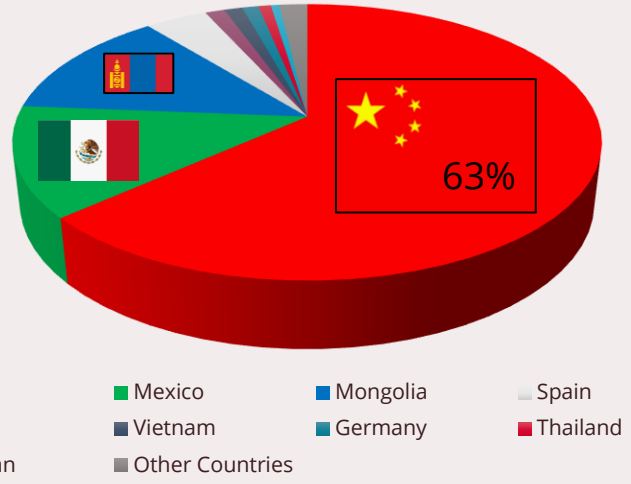
SUPPLY RISK

Price Forecast to Increase

China, Mongolia 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)*



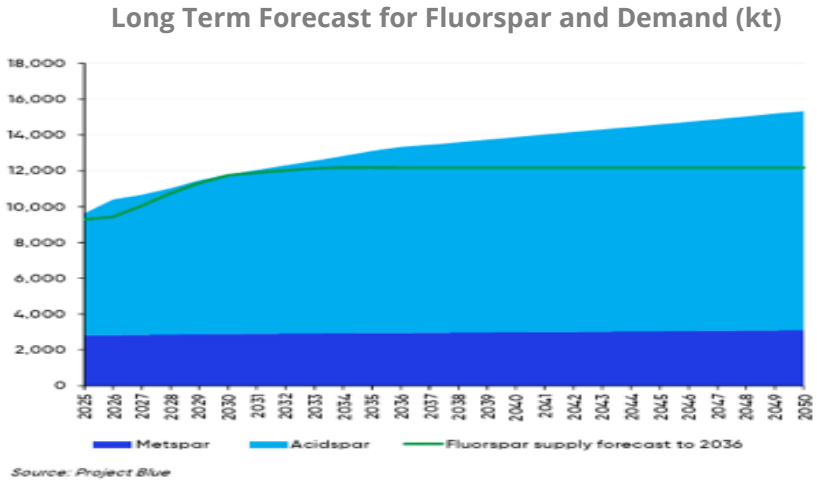
Source: https://www.statista.com/statistics/1051717/global-fluorspar-production-by-country/#google_vignette

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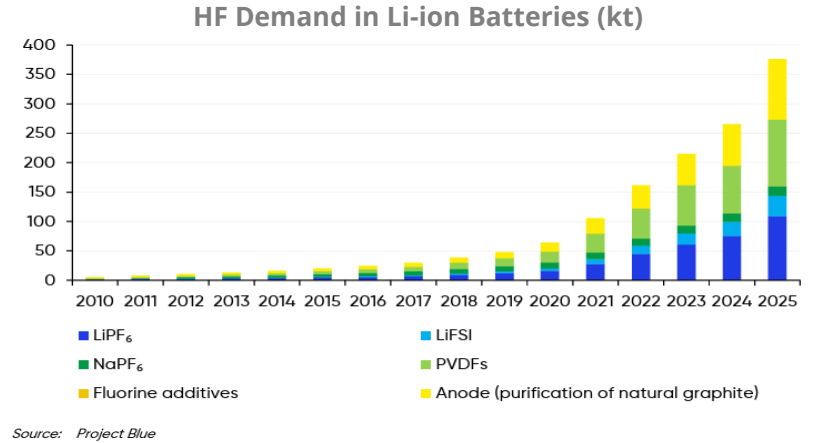
ABOUT FLUORSPAR

A ~US$4.3 Billion Global Market

- Fluorspar is the main mineralogical source of fluorine
- High-grade fluorspar is typically upgraded through simple processing to produce concentrates
- >97% CaF_2 concentrate known as **Acidspar – used to produce Hydrofluoric (HF) acid**
- 60–96% CaF_2 product known as **Metspar – used in steel & aluminium production**
- Fluorspar is essential in
  - AI semi-conductor chip etching
  - Advanced Li-ion battery technologies
  - Nuclear fuel processing
  - Defense
- Spot prices are currently approx US$450–$680/t
- **Fluorspar demand is expected to grow considerably in coming years**



Source: Project Blue

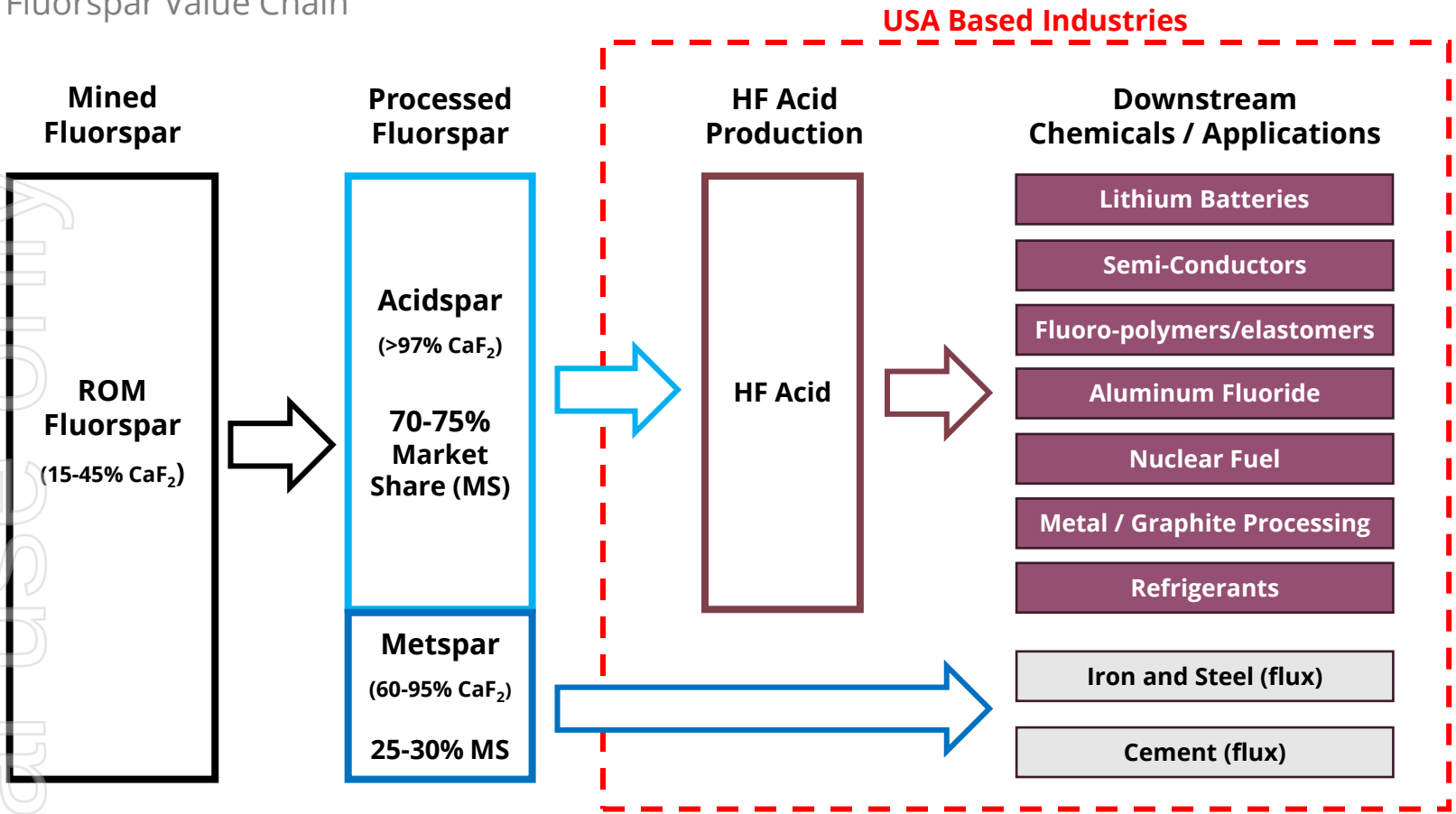


Source: Project Blue

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USA HAS MATURE DOWNSTREAM PROCESSING

Fluorspar Value Chain

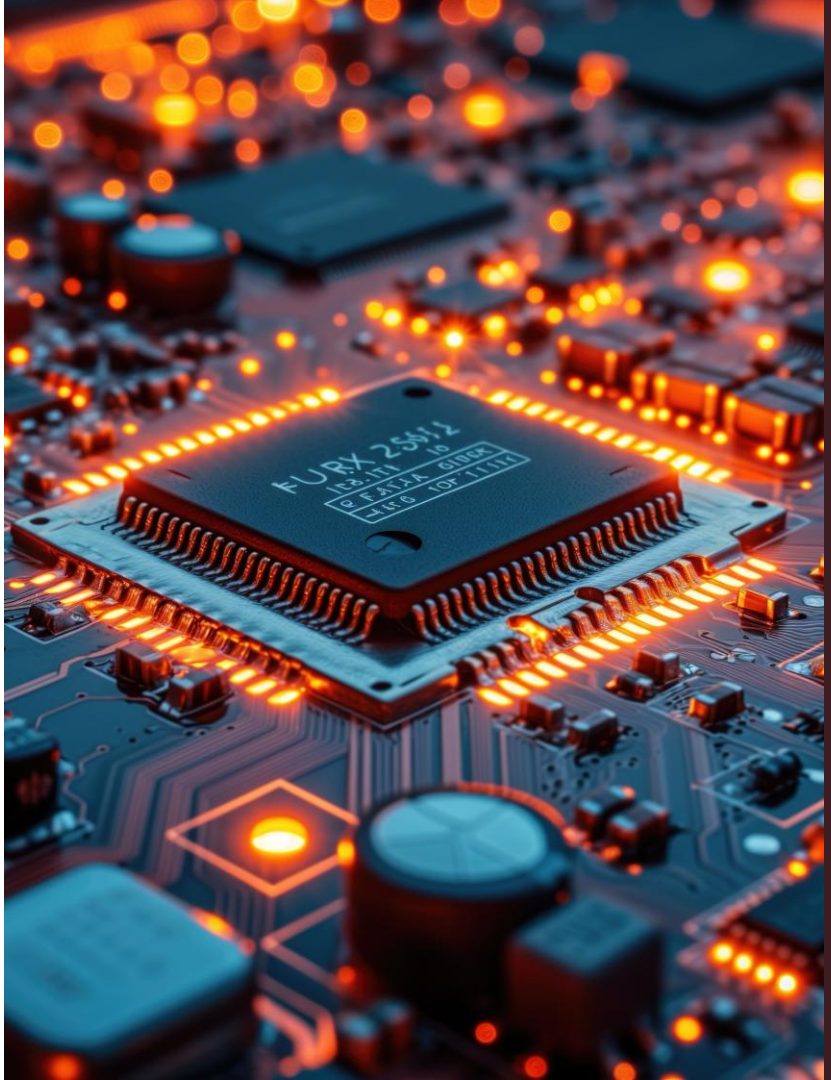


Fluorspar Value Chain for Personal use only

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
- Tungsten hexafluoride (**WF_6**) inventories are low currently
- 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



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BATTERIES

No Fluorine, No Lithium Battery

- Advance Lithium-ion batteries technologies use **$LiPF_6$** as the dominant electrolyte salt
- **4.5% Li , 20.5% P and 75% Fluorine by weight**
- **~1kg fluorine is required per 1 kWh of battery capacity**
- Higher-energy EV batteries require greater fluorine intensity per cell
- **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**



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NUCLEAR POWER

Fuel Rods Need Fluorine - UF_6

- Fluorine is a critical reagent in the enrichment of uranium as a nuclear fuel source
- Yellow Cake (U_3O_8) is converted to **Uranium Hexafluoride (UF_6),** 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**

Google joins Microsoft in plans to restart US nuclear plants to power AI infrastructure



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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**
- **US CHIPS Act investing US$50+ billion**
- **IRA incentives driving US-based battery gigafactories**
- **Permitting prioritisation at state and federal levels**

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

Trump administration's "**Project Vault**" which aims to establish a US$12B critical minerals stockpile.

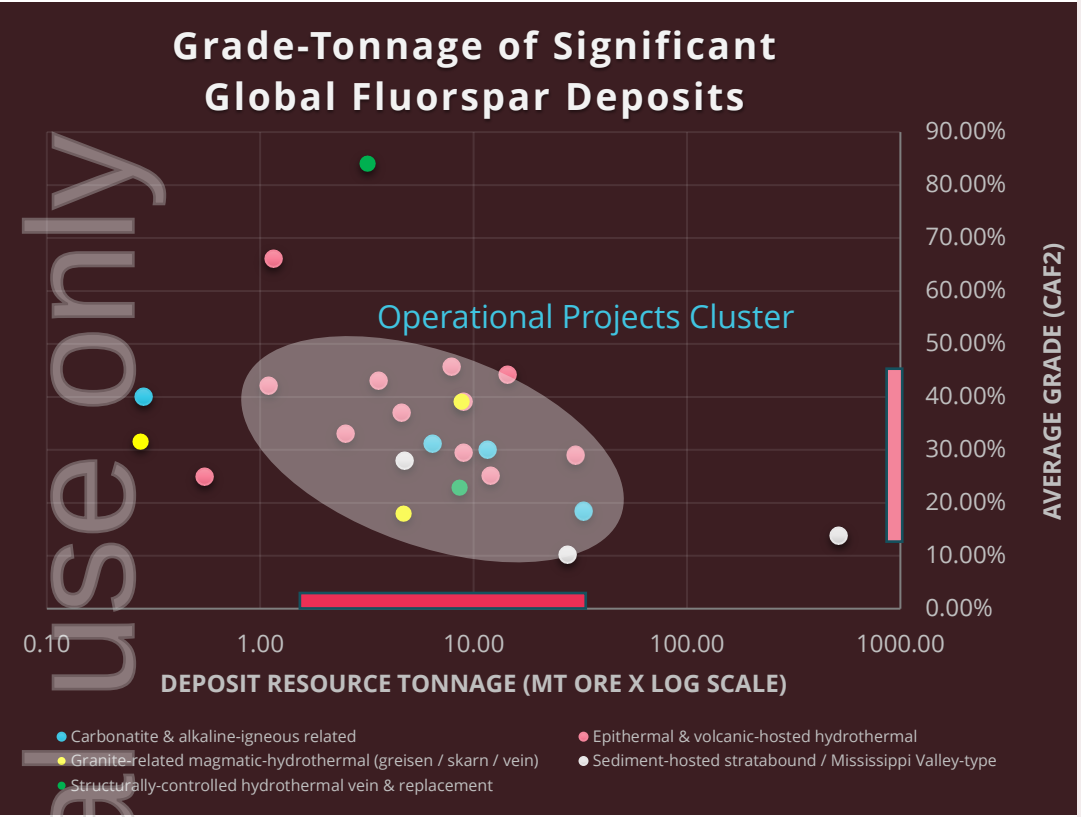
Australian Government has established the A$1.2B **Critical Minerals Strategic Reserve** (CMSR).

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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GLOBAL CONTEXT

Grades >20% CaF_2 for Most Existing Operations



Data source: Project Blue 2026, USGS 2017, Company Research

TVN CASE STUDY

Complementary Mines & Markets

- Tivan Ltd (TVN.ASX) Speewah Project hosts a JORC compliant Resource of: 43.2 Mt **@ 8.3% CaF_2** (at a 2% CaF2 cut-off grade) containing 3.6 Mt CaF_2
- **TVN targeting supplying Japan** based on a 77.5% :22.5% JV with Sumitomo and JOGMEC
- CAPEX A$301M, All in Sustaining OPEX A$513 /t for **149 ktpa Acidspar + 0.15 ktpa Metspar**

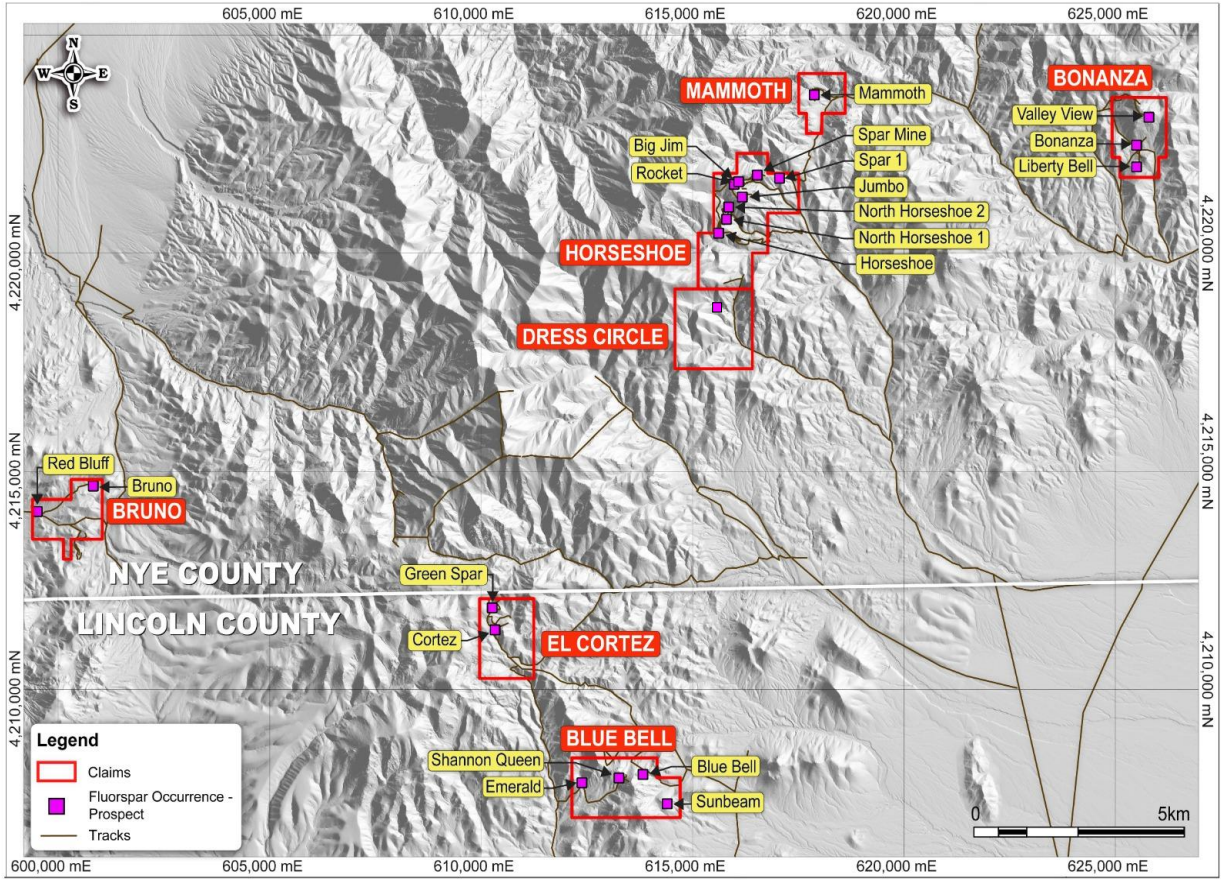
- OD6 grades significantly higher = potentially lower CAPEX and OPEX Costs
- **OD6 Quinn's targeting US market which currently has ~400ktpa demand**
- Significant upside potential for OD6

Refer: Tivan ASX Announcement MRE 4 February 2026. and FS Report 20 March 2026 OD6 makes no representations regarding Tivan's Resource.

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ACQUISITION COMPLETE – WHY QUINN IS SPECIAL

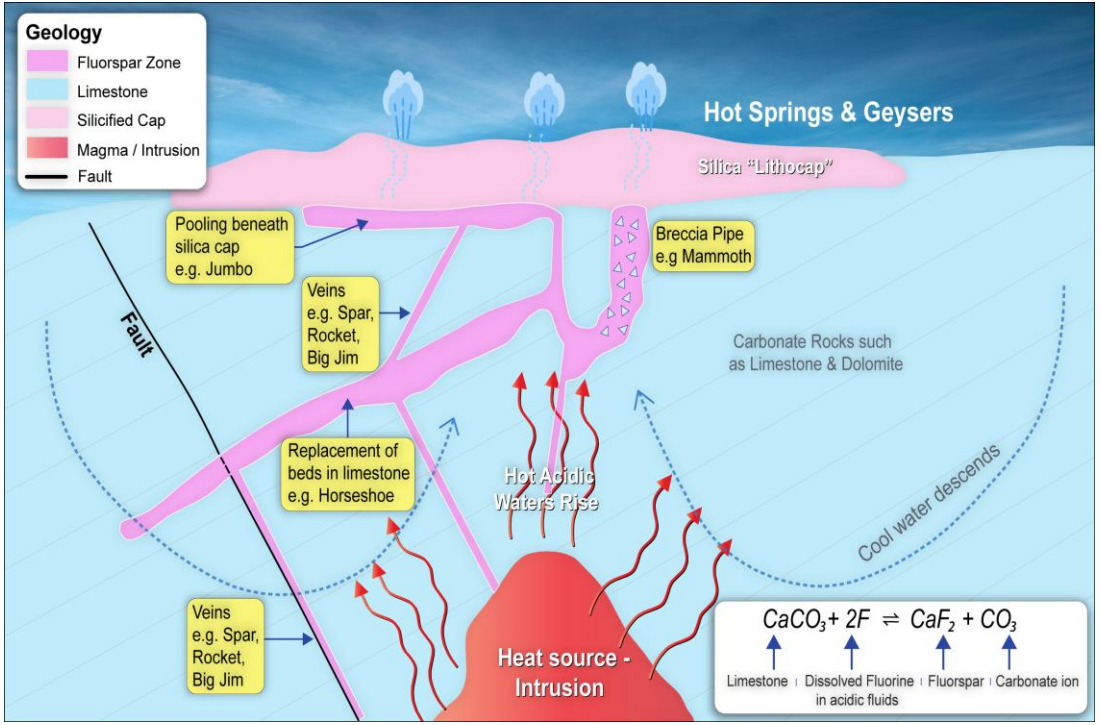
- ✓ Genuine district-scale opportunity 226 mining claims (4,670 acres)
- ✓ Large Epithermal System
- ✓ +20 Fluorspar Occurrences
- ✓ Exceptional high-grade assays
- ✓ Thick Intersections at Surface
- ✓ 8km fertile mineralised corridor
- ✓ Hub-and-spoke central mill development strategy
- ✓ Low impurity chemistry
- ✓ Acidspar & Metspar Optimisation Underway
- ✓ Permitting program underway
- ✓ Gold Upside



EPITHERMAL FLUORSPAR FORMATION

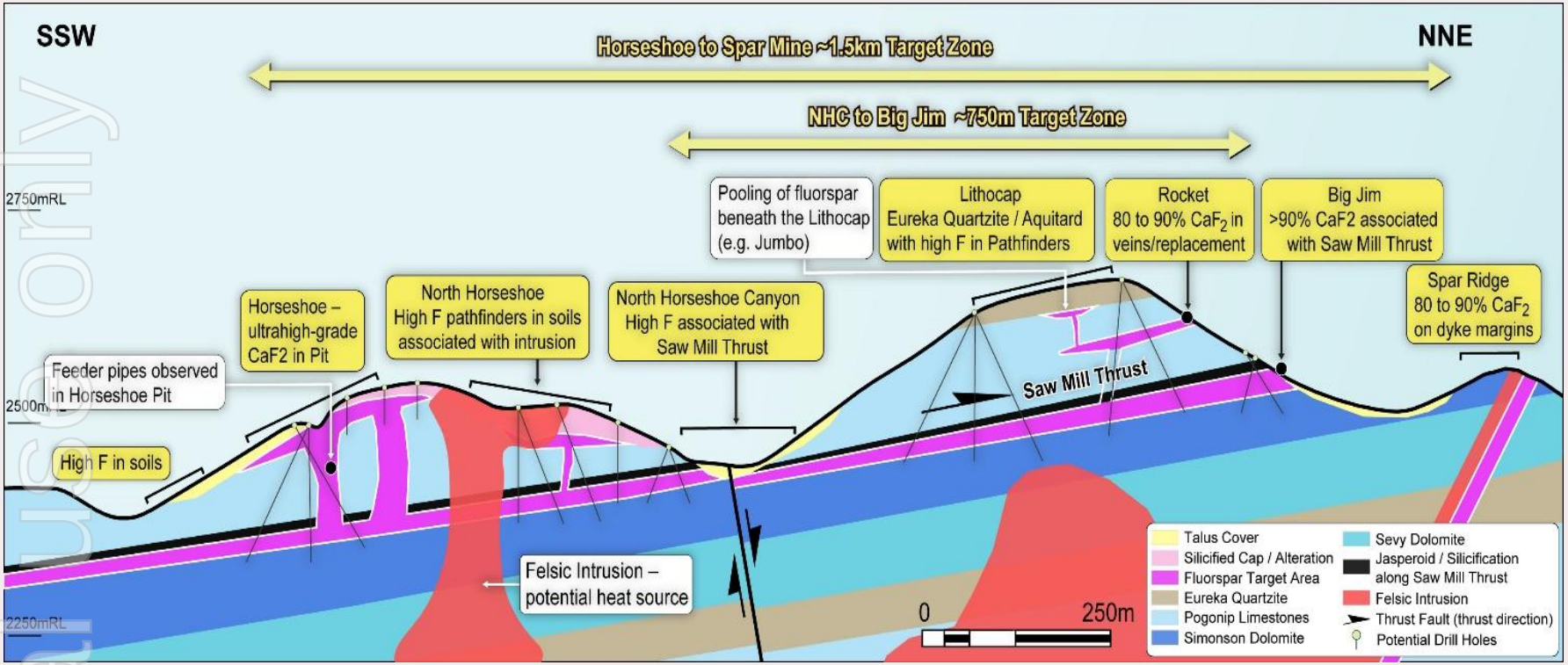
Multiple Mineralisation Styles Expand Exploration Opportunity

- Fluorspar deposits form in the near surface epithermal environments
- **Fluorine bearing hydrothermal acidic fluids rise from an intrusive source**
- **Hot fluorine-rich fluids** reacted with limestone ($CaCO_3$), replacing it with high-grade fluorspar
- Many historic deposits exploited in the US were narrow vein volcanic hosted
- To get deposits for **modern bulk tonnage techniques** – limestone hosted deposits (such as Quinn) offer greater tonnes – **like Las Cuevas in Mexico, the largest in the world**



HORSESHOE TO SPAR CORRIDOR

Extensive Fluorspar Corridor and Priority Drill Program Location



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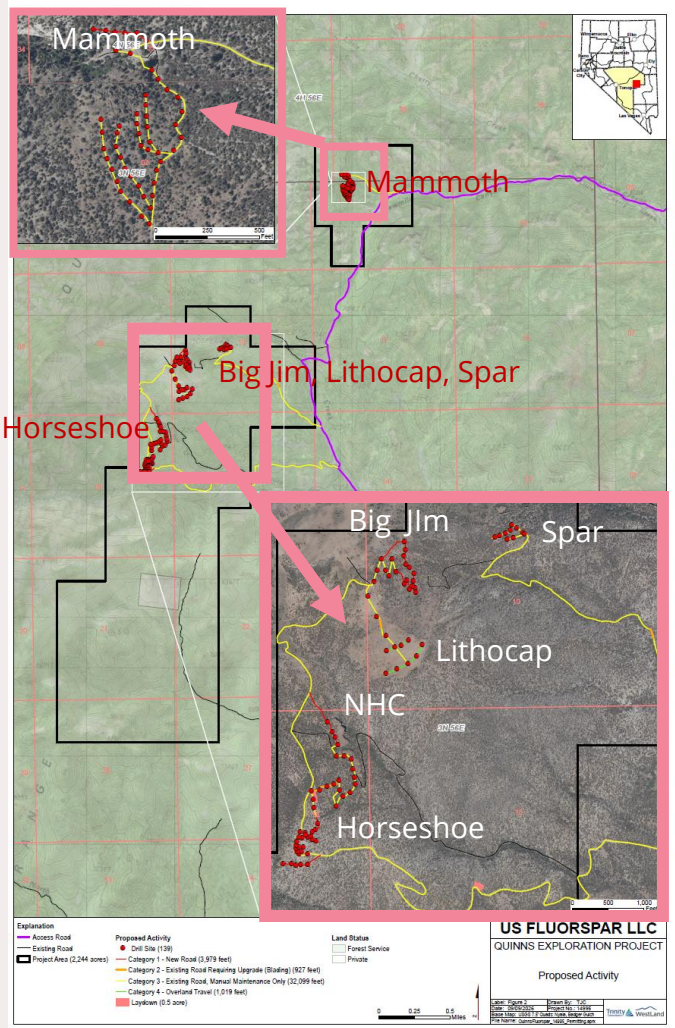
Refer to ASX 17 September 2026

PERMIT APPLICATION

Maiden Drilling & Bulk Sample Permit Submitted

- Plan of Operations (“PoO”) submitted targeting approval through a Categorical Exclusion pathway
- **139 drill pads across priority Horseshoe – Big Jim – Spar – Mammoth mineralised trend along strike and at depth**
- **~10,000 m of priority drilling**
- Flexibility to complete multiple drill holes from individual pads
- Drilling is designed to establish the geological, grade and continuity to support a **future Mineral Resource Estimate**
- **Bulk sampling** of fluorspar mineralisation to support larger-scale ore sorting, beneficiation and metallurgical testwork
- Planned biological and cultural baseline field surveys complete materially advancing the environmental review process

Refer to ASX 15 September 2026



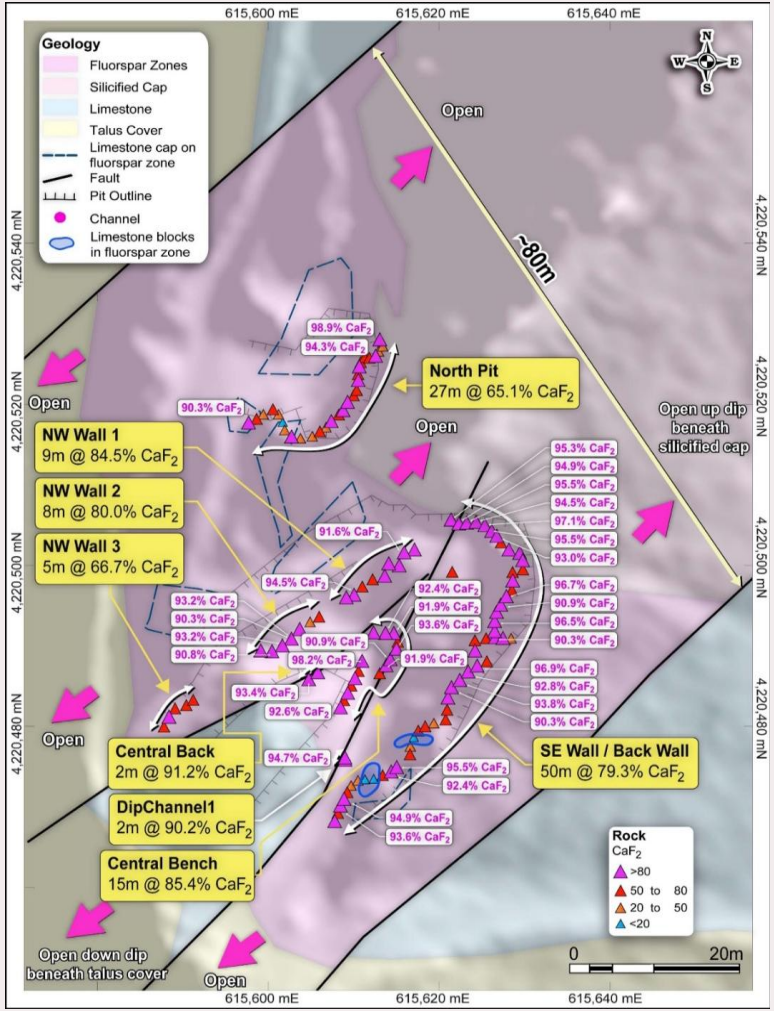
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HORSESHOE DEPOSIT

Ultra High-Grade Deposit

- **26,000 tonnes mined in historic shallow open pits**
- **~3,000 m² mapped zone of high-grade fluorspar**
- Continuous channel samples results include:
  - ❑ **50m @ 79.3% CaF_2** SE Wall
  - ❑ **27m @ 65.1% CaF_2** North Pit
  - ❑ **22m @ 78.8% CaF_2** NW Wall combined
  - ❑ **120 channel samples averaging 74.7% CaF_2**
- Channel Sampling **mapped 80m wide exposed zone**
- Likely extends up and down dip beneath silicified limestone and talus cover with **estimated thickness of 15 to 30m**
- **Early Metspar Project Potential**

Refer to ASX 25 August 2026, 8 July 2026, 15 April 2026, 4 March 2026



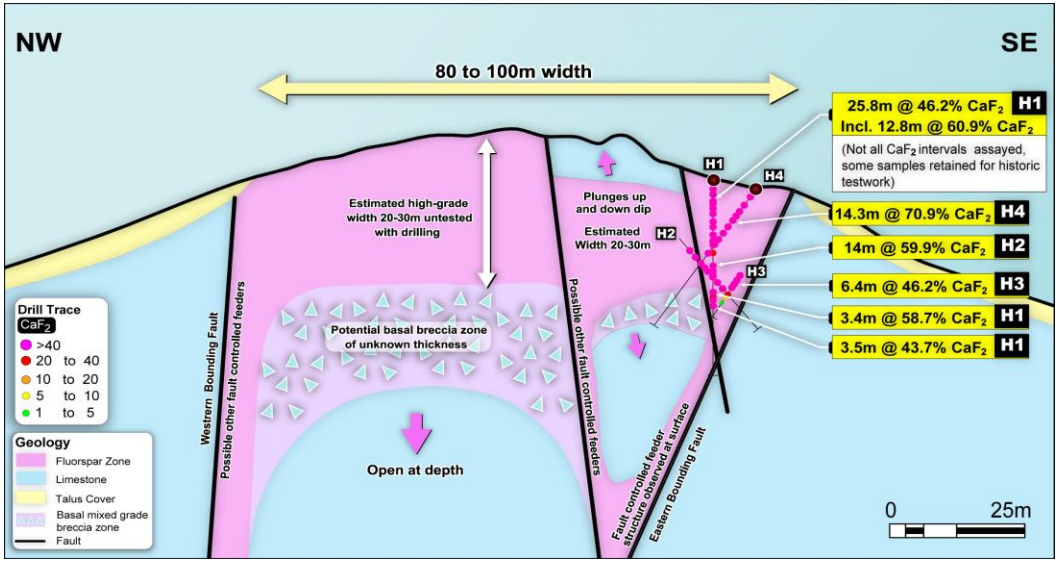
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HORSESHOE DEPOSIT

Ultra High-Grade Deposit confirmed by Historic Drilling

Historic drilling with outstanding high-grade fluorspar (CaF_2) drill intercepts include:

- **14.3m @ 70.9% CaF_2 – H4**
- **14.0m @ 59.9% CaF_2 – H2**
- **25.8m @ 46.2% CaF_2 – H1** including:
  - 12.8 m @ 60.9% CaF_2 (from 0.9m)
  - 3.4 m @ 58.8% CaF_2 (from 16.8m)
  - 3.5m @ 43.7% CaF_2 (from 22.3m)



Historic drilling was conducted before the open-pit, so did not target the high-grade core

Several sections not assayed indicating potential wider width

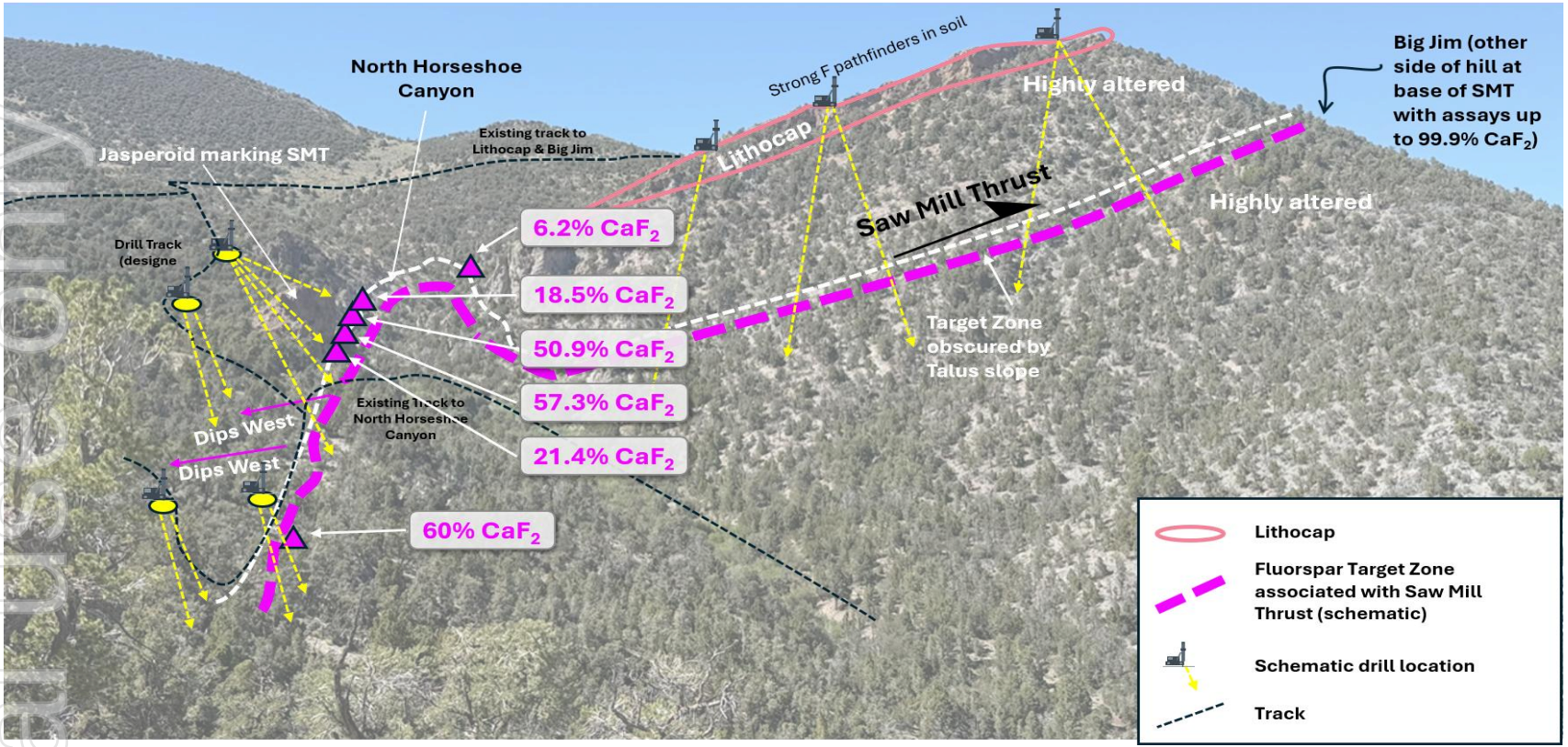
Holes ending in veined/fracture material, indicating potential wider width with footwall breccia unassayed

Refer to ASX 25 August 2026, 8 July 2026, 15 April 2026, 4 March 2026

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NORTH HORSESHOE TARGET

New Fluorspar Zone Discovered with Link from Horseshoe to Big Jim



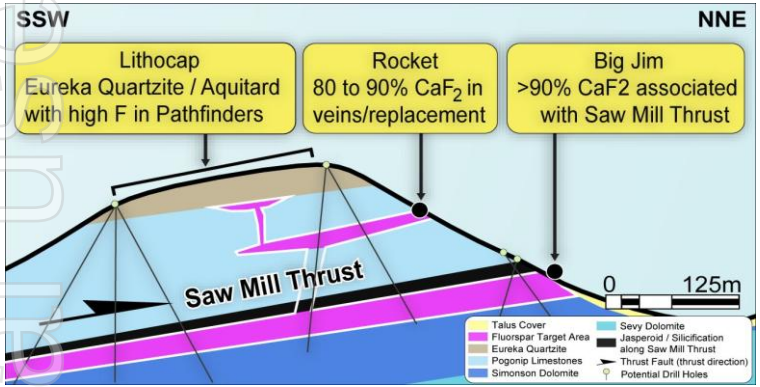
Refer to ASX 17 September 2026

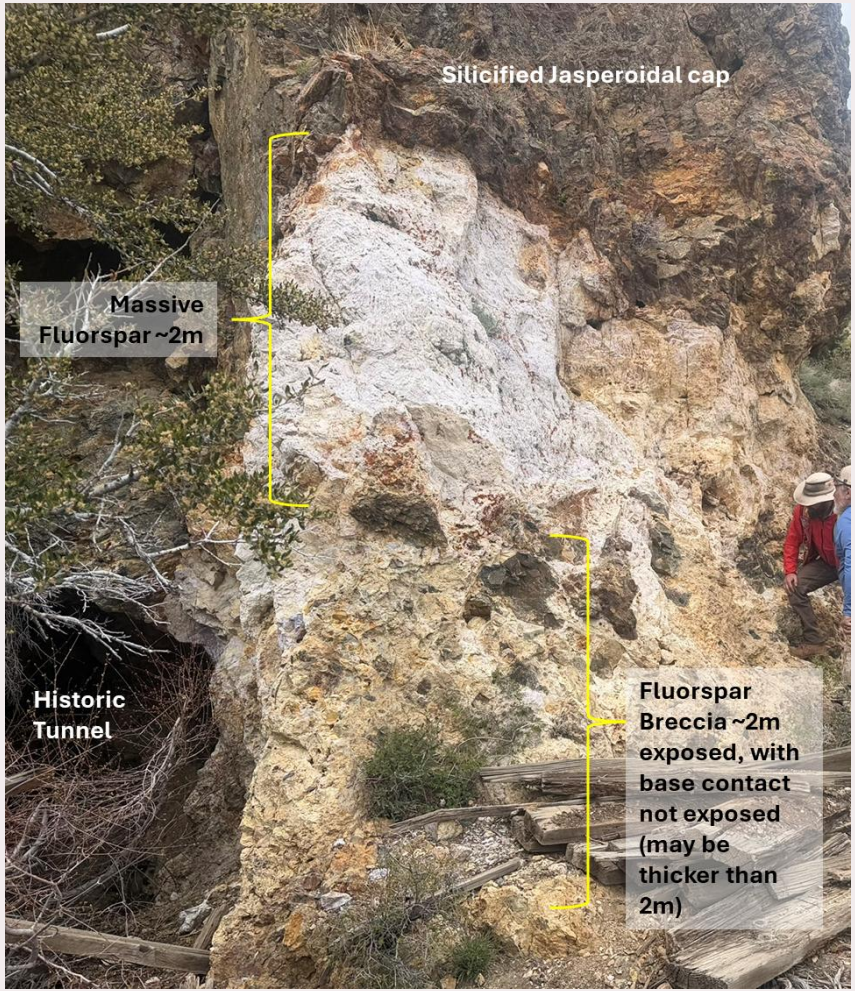
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BIG JIM DEPOSIT

Exceptional High-Grade Fluorspar

- Massive shallow dipping purple fluorspar vein
- **Near pure samples returning 99.9%, 99.9%, 99.7% and 99.5% CaF_2**
- Exposed footwall breccia with lower contact not exposed (may be wider) at **37.4% CaF_2**
- Historic workings **over >220m** with reported high-grade fluorspar throughout and at either end
- System open to the North and South





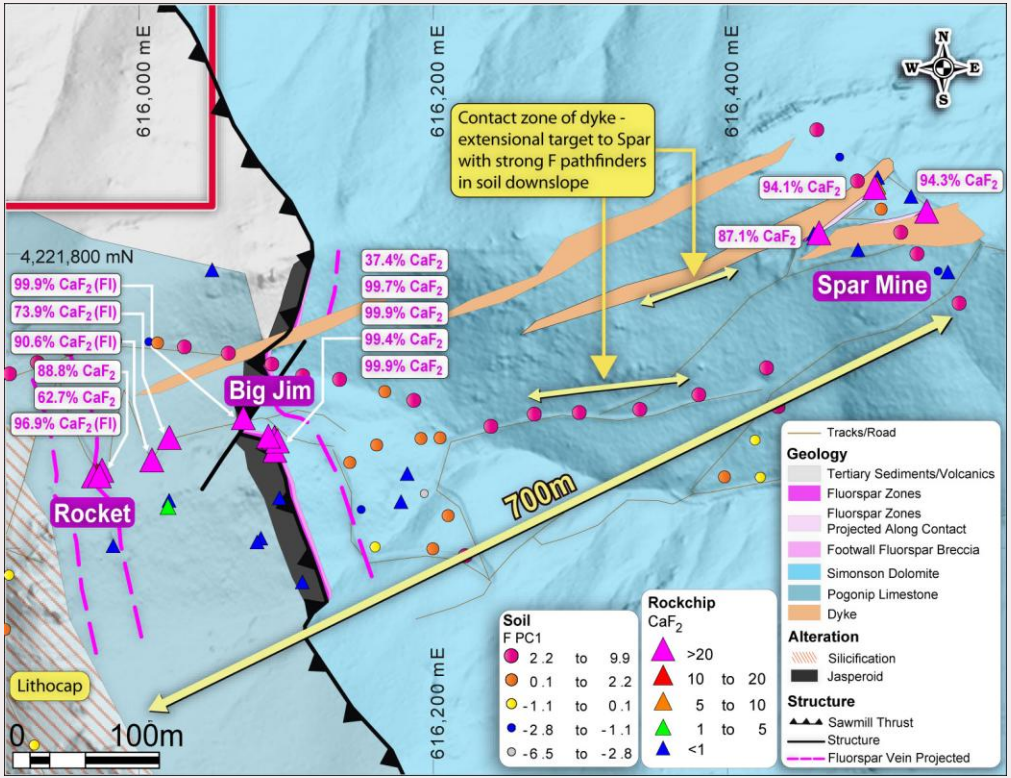
Refer to ASX 4 March 2026 , 12 May 2026 , 9 September 2026

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ROCKET – BIG JIM – SPAR CORRIDOR

Extensive Fluorspar Corridor and Priority Drill Program Location

- **700m Rocket–Big Jim–Spar Corridor**
- **Rocket: 88.8% CaF_2** from fluorspar veins hosted in brecciated, silicified outcrop, with nearby **float samples of 99.9%, 97.0%, 90.6% and 74.0% CaF_2** interpreted to be sourced from Rocket
- **Spar:** located approximately 450 metres east of Big Jim, returning **94.3%, 94.1% and 87.1% CaF_2** from felsic dyke contacts
- At least four mineralised structures of differing orientation
- Open along strike and at depth

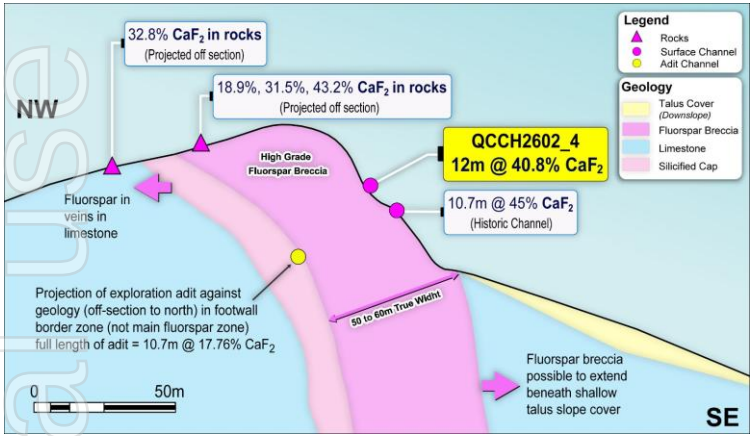


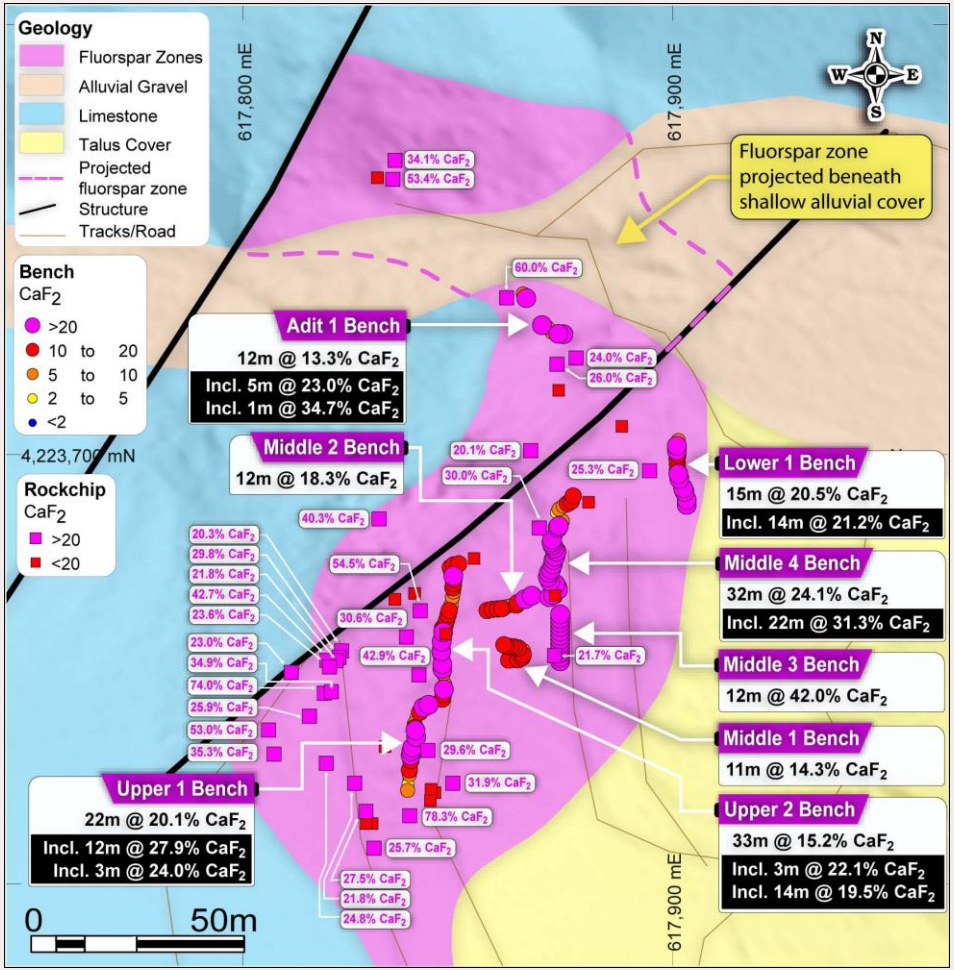
Refer to ASX 9 September 2026

MAMMOTH DEPOSIT

Potential Large Scale Bulk Tonnage

- **>14,000 m² mapped zone of high-grade fluorspar**
- Breccia fill fluorspar with 'raccoon-tail' textures
- Continuous channel samples results include:
  - ❑ **44m @ 29% CaF_2** in channel sampling Middle Bench
  - ❑ **33m @ 15.2% CaF_2** in channel sampling Upper2 Bench
  - ❑ **22m @ 20.1% CaF_2** in channel sampling Upper1 Bench
  - ❑ **15m @ 20.5% CaF_2** in channel sampling Lower1 Bench





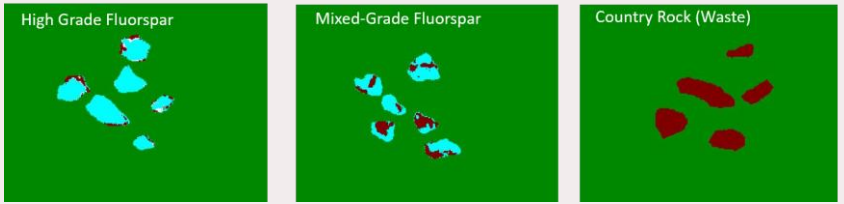
Refer to ASX 7 September 2026, 7 April 2026, 4 March 2026

ACIDSPAR & METSPAR PLUS ORE SORTING PATHWAYS

- Reviewed results suggest Quinn mineralisation may be capable of producing **Acidspar & Metspar**
- Strong potential for a low CAPEX Direct Shipping MetSpar Product at Horseshoe and Big Jim
- **Conventional Grinding and Flotation identified as the primary method to produce Acidspar**
- Independent QXRD mineralogy strongly corroborates the exceptional fluorspar content
- **Metallurgical testwork program has commenced on 166kg mining domain suite of samples**
- Integrating mineralogy, size-by-assay, grind optimisation, Heavy Media Separation (HMS), rougher and cleaner flotation and impurity characterisation
- **Bulk sample permit to be lodged to obtain larger samples for pilot-scale testing**

Refer to ASX 16 June 2026 and 20 May 2026

- Highly encouraging TOMRA **ore sorting results demonstrate clear discrimination** between high-grade fluorspar, lower-grade/mixed material & waste
- Very low levels of gangue and deleterious elements arsenic, cadmium, base-metals, sulphur or uranium
- **Impurity levels below typical global industry thresholds**
- Early waste rejection has the potential to increase CaF_2 feed grade while reducing tonnes reporting to downstream processing = reduced CAPEX and OPEX



Laser ore-sorting technology by TOMRA applied to Quinn Project metallurgical samples, showing clear differentiation of ore types and waste. Samples approximately 10-15mm

Refer to ASX 12 August 2026

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NEXT STEPS

Systematic Exploration and Development Pathway

- Receipt and interpretation of **pending assay results**
- Complete **geological modelling** and **drill targeting**
- On-going **detailed geological and structural mapping**
- Expanded **field programs**
- Interpret **geophysics results** and new **drill targets**
- **Integration into permitting** activities
- Progress **metallurgical testwork underway**
- Lodge **bulk sample** permit applications
- Prepare **maiden drilling program**
- **Resource Definition**
- **Development studies**



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APPENDIX



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
- Drill permit approval payment of A$200k (50% cash and 50% shares)
- Drill commencement payment of A$350k (50% cash and 50% shares)
- **Deferred Milestone** 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 fluorspar minerals recovered from the Project, 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

Refer to ASX announcement dated 4 March 2026 for further details of acquisition terms

Deferred Milestones

- **Milestone 1 ($500k) –** JORC-compliant Indicated Mineral Resource >2 million tonnes at an average grade >30% CaF_2
- **Milestone 2 ($750k) –** JORC-compliant Indicated Mineral Resource >5 million tonnes at an average grade >30% CaF_2 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

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SPLINTER ROCK REE PROJECT HIGHLIGHTS

A 100% Owned Australian Critical Minerals Project

- Strong Rare Earth Demand Fundamentals
- **682Mt at 1,338 ppm TREO JORC Resource**
- **High Grade Inside Centre 119Mt at 1,632ppm TREO (Indicated)**
- **~75% Nd & Pr Overall Recovery**
- High-quality Mixed Rare Earth Carbonate (MREC) of ~56% TREO
- High-quality Mixed Rare Earth Hydroxide (MREH) of ~59% TREO
- Superior product quality with low levels of impurities (Al, Fe, P, Si)
- Extremely low uranium and thorium content (<0.001% U + Th)
- Optimised capital and operating cost drivers
- Offtake Engagement – North America, Europe & Asia
- Positive Study Outcomes - ANSTO and CPC
- Accelerated Scale up Testing at ANSTO - 2.5t Metallurgical Core



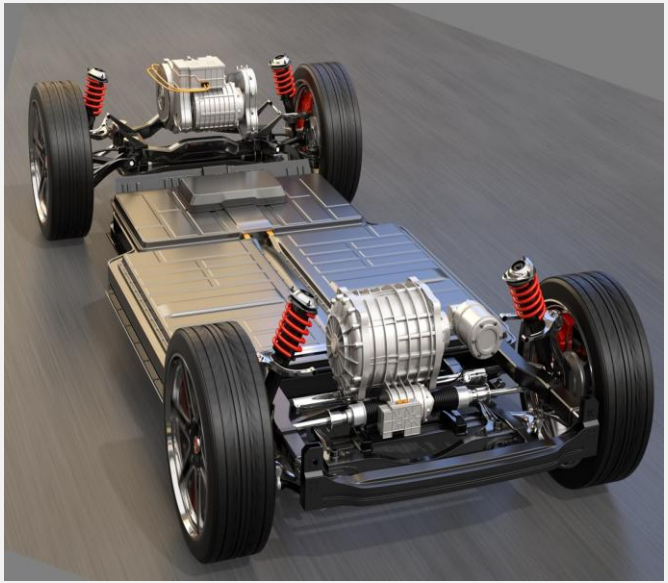
Refer to 29 May 2024, 7 August 2025, 13 August 2025

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NEXT STEPS AT SPLINTER ROCK

Advanced Metallurgical Testwork and Studies

- **ANSTO Testwork Scale Up:**
  - **Heap leach Optimisation:** Heap Leach duration and kinetics, Acid strength and consumption, Counter current heap configuration, Particle agglomeration methodology
  - **Impurity Removal Verification:** Nanofiltration (NF) acid recovery, Ion Exchange (IX) selectivity, two stage Impurity Removal (IR) optimisation
  - **Bulk MREC and MREH Production:** Precipitation to produce >1 kg of MREC and/or MREH for customer qualification, offtake discussions, and to assess commercial payability options
- **Mining Study:** Inside Centre Deposit pit shells, stripping ratios, mine scheduling and preliminary mining costs
- **Engagement with potential offtake partners**
- **Engagement with government and potential financing partners**
- **Review Selective Nd, Pr, Tb and Dy Oxide Production Potential**



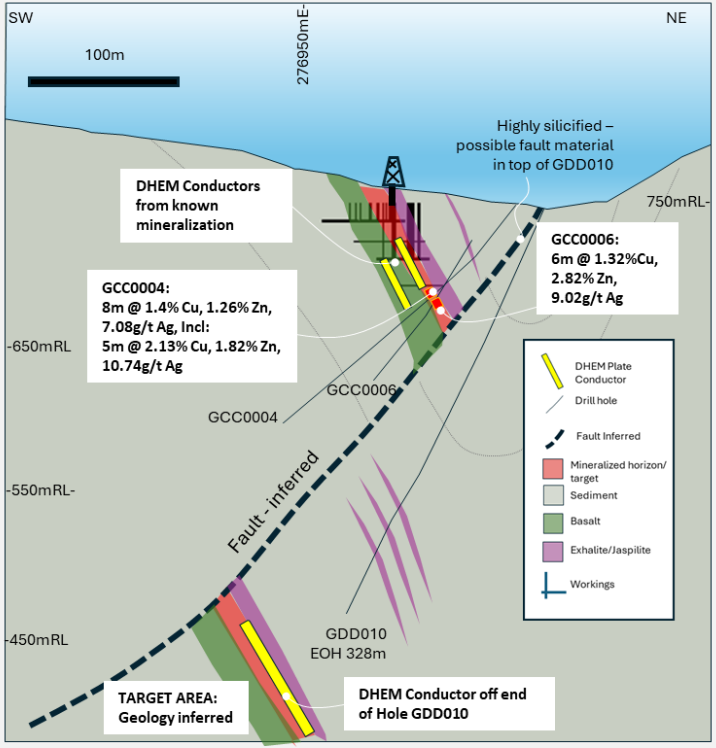
Refer to ASX 1 October 2025

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GULF CREEK COPPER PROJECT HIGHLIGHTS

Advanced Metallurgical Testwork and Studies

- Record copper prices supported by strong market fundamentals
- Copper up to 4.6% Confirmed in Phase 1 Drilling
- **High Grade Production History (Up to 12% Cu)**
- Multiple High Priority Targets
- >3km to 10km of VMS target horizon
- Down Hole EM (DHEM) survey completed have identified targets a **Strong conductor identified approximately 75m beyond the end of hole GDD010**
- Geological reinterpretation indicates a **potential fault offset** of historic high-grade lodes mined
- DHEM results at the **Northwest Target indicates a possible additional conductor**
- Continued drilling during 2026



Refer to ASX 23 January 2026

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