



August 2025

# OD6 Metals Australian Rare Earths and Copper

Splinter Rock Rare Earth Project  
Set to Take Advantage of REE Price Turnaround

Maiden Drilling at Gulf Creek Confirms High-Grade  
Copper in Massive Sulphides

ASX:OD6

# IMPORTANT INFORMATION

## Disclaimer

This presentation has been prepared by OD6 Metals Ltd (ACN 654 839 602) (**OD6**) and is current as at the date of this document. The information contained in this presentation is for informational purposes only and does not constitute an offer to issue, or arrange to issue, securities or other financial products. The information contained in this presentation is not investment or financial product advice and is not intended to be used as the basis for making an investment decision. The presentation has been prepared without considering the investment objectives, financial situation or needs of any particular person. Before making an investment decision, you should consider, with or without the assistance of a financial adviser, whether an investment is appropriate considering your particular investment needs, objectives and financial circumstances. Past performance is no guarantee of future performance. Any securities that may be issued by OD6 should be considered speculative and there is no guarantee implied or explicit that there will be a return on the capital invested or that any dividend will be paid or that there will be an increase in the price or value of OD6's shares in the future.

No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. To the maximum extent permitted by law, none of OD6, its directors, employees or agents, nor any other person accepts any liability, including, without limitation, any liability arising out of fault of negligence, for any loss arising from the use of the information contained in this presentation. In particular, no representation or warranty, express or implied is given as to the accuracy, completeness or correctness, likelihood of achievement or reasonableness or any forecasts, prospects or returns contained in this presentation nor is any obligation assumed to update such information. Such forecasts, prospects or returns are by their nature subject to significant uncertainties and contingencies.

## No New Information

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.

This document contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (**2012 JORC Code**) and available for viewing at <https://www.od6metals.com.au/investors/asx-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.

## Forward Looking Statements

Certain statements contained in this presentation, including information as to the future financial or operating performance of OD6 and its projects, are forward looking statements. Such forward looking statements:

- 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
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

OD6 disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise. The words "believe", "expect", "anticipate", "indicate", "contemplate", "target", "plan", "intends", "continue", "budget", "estimate", "may", "will", "schedule" and similar expressions identify forward looking statements. All forward looking statements made in this presentation are qualified by the foregoing cautionary statements. Recipients are cautioned that forward looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward looking statements due to the inherent uncertainty therein.

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 Australian Code for Reporting of Exploration Results, Mineral resources and Ore Reserves (**The JORC Code**).

## Cautionary Statement

In relation to photographs of mine-spoil material, from Gulf Creek no representation as to the composition of the rocks is presented here. Laboratory assay results are required to determine the grade of mineralisation and the Company will update the market when check sampling and assay results are received and compiled. The Competent Person advises that the photographs contained in this Presentation are not necessarily representative of the geology exploited by historic mines at Gulf Creek and are not to be construed as being representative of potentially economic mineralisation.

# INVESTMENT HIGHLIGHTS

## Two Australian Critical Minerals Projects

- **Strong Rare Earth and Copper Demand Fundamentals**

- **Splinter Rock Rare Earths Project <sup>1</sup>**

- Outstanding Metallurgical Results to Lower CAPEX
- Premium MREC and MREH with High Payability
- Offtake Engagement - America, Europe & Asia
- Advancing Development Studies - ANSTO and CPC
- Accelerated Scale up Testing at ANTSO

- **Gulf Creek Copper Project <sup>2</sup>**

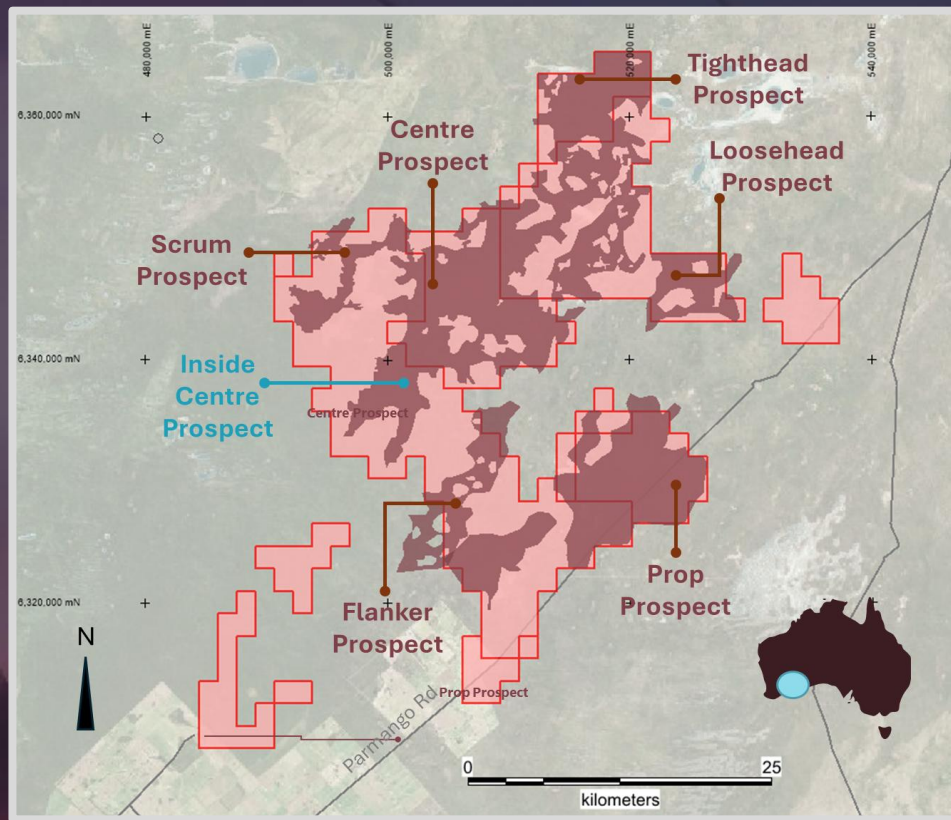
- High Grade Copper up to 4.6% Confirmed
- Multiple High Priority, Untested Targets
- 7-hole, ~1,750m Drill Program to Commence Sept

- **Significant Share Price Upside**



1. Refer to [ASX Announcement High Quality MREC produced](#)
2. Refer to [ASX Announcement High Grade Copper Massive Sulphides](#)

# Splinter Rock Rare Earth



# CRITICAL MAGNET RARE EARTH ELEMENTS

Four Critical, High Value Metals, Which Captures 90% of the MREC Product Value



## Light rare earth elements



- Electric vehicles
- Wind turbines



- Electric vehicles
- Wind turbines
- Semiconductors

## Heavy rare earth elements



- Electric vehicles
- Wind turbines
- Nuclear reactors
- Semiconductors



- X-ray's
- High temp fuel cells
- Electric vehicles
- Wind turbines
- Semiconductors

hydrogen 1 H																	helium 2 He								
lithium 3 Li	beryllium 4 Be																	boron 5 B	carbon 6 C	nitrogen 7 N	oxygen 8 O	fluorine 9 F	neon 10 Ne		
sodium 11 Na	magnesium 12 Mg	<div></div> Light rare earth elements	<div></div> Heavy rare earth elements																	aluminum 13 Al	silicon 14 Si	phosphorus 15 P	sulfur 16 S	chlorine 17 Cl	argon 18 Ar
potassium 19 K	calcium 20 Ca	scandium 21 Sc	titanium 22 Ti	vanadium 23 V	chromium 24 Cr	manganese 25 Mn	iron 26 Fe	cobalt 27 Co	nickel 28 Ni	copper 29 Cu	zinc 30 Zn	gallium 31 Ga	germanium 32 Ge	arsenic 33 As	selenium 34 Se	bromine 35 Br	krypton 36 Kr								
rubidium 37 Rb	strontium 38 Sr	yttrium 39 Y	zirconium 40 Zr	niobium 41 Nb	molybdenum 42 Mo	technetium 43 Tc	ruthenium 44 Ru	rhodium 45 Rh	palladium 46 Pd	silver 47 Ag	cadmium 48 Cd	indium 49 In	tin 50 Sn	antimony 51 Sb	tellurium 52 Te	iodine 53 I	xenon 54 Xe								
cesium 55 Cs	barium 56 Ba		hafnium 72 Hf	tantalum 73 Ta	tungsten 74 W	rhenium 75 Re	osmium 76 Os	iridium 77 Ir	platinum 78 Pt	gold 79 Au	mercury 80 Hg	thallium 81 Tl	lead 82 Pb	bismuth 83 Bi	polonium 84 Po	astatine 85 At	radon 86 Rn								
francium 87 Fr	radium 88 Ra		rutherfordium 104 Rf	dubnium 105 Db	seaborgium 106 Sg	bohrium 107 Bh	hassium 108 Hs	meitnerium 109 Mt	darmstadtium 110 Ds	roentgenium 111 Rg	copernicium 112 Cn	nihonium 113 Nh	flerovium 114 Fl	moscovium 115 Mc	livermorium 116 Lv	tennessine 117 Ts	oganeson 118 Og								

lanthanum 57 <b>La</b>	cerium 58 <b>Ce</b>	praseodymium 59 <b>Pr</b>	neodymium 60 <b>Nd</b>	promethium 61 <b>Pm</b>	samarium 62 <b>Sm</b>	euprium 63 <b>Eu</b>	gadolinium 64 <b>Gd</b>	terbium 65 <b>Tb</b>	dysprosium 66 <b>Dy</b>	holmium 67 <b>Ho</b>	erbium 68 <b>Er</b>	thulium 69 <b>Tm</b>	ytterbium 70 <b>Yb</b>	lutetium 71 <b>Lu</b>
actinium 89 <b>Ac</b>	thorium 90 <b>Th</b>	protactinium 91 <b>Pa</b>	uranium 92 <b>U</b>	neptunium 93 <b>Np</b>	plutonium 94 <b>Pu</b>	americium 95 <b>Am</b>	curium 96 <b>Cm</b>	berkelium 97 <b>Bk</b>	californium 98 <b>Cf</b>	esboium 99 <b>Es</b>	fermium 100 <b>Fm</b>	mendelevium 101 <b>Md</b>	nobelium 102 <b>No</b>	lawrencium 103 <b>Lr</b>

# GLOBALLY SIGNIFICANT CLAY-HOSTED RARE EARTH DISCOVERY

Inside Centre to be the Cornerstone Deposit at Splinter Rock

- **682Mt at 1,338 ppm TREO** (at a 1,000ppm cut-off grade) for **910 kt contained TREO** <sup>1</sup>
- **High-value MagREO represents an average of ~23% of TREO grade for 205 kt contained MagREO** <sup>1</sup>
- **High Grade Inside Centre Prospect 119Mt at 1,632ppm TREO (Indicated)**
- **Overall Process Recoveries of ~75%** <sup>2</sup>
- High-quality **MREC ~56% & MREH ~59% TREO** <sup>3</sup>
- +90% of product value from **Nd + Pr + Dy + Tb**
- Located close to port of Esperance away from farmland
- No private royalties



1. Refer to [ASX Announcement Mineral Resource Estimate Doubles](#)
2. Refer to [ASX Announcement IXL Improves Processing Flowsheet](#)
3. Refer to [ASX Announcement High Quality MREC produced](#)

**MagREO (Magnet Rare Earth Oxide) =  $Nd_2O_3 + Pr_6O_{11} + Tb_4O_7 + Dy_2O_3$**

Indicated MRE OF 119Mt at 1,632ppm TREO (at 1,000ppm TREO cutoff grade)

The diagram is a geological cross-section of the Aircore drilling area. The vertical axis on the left indicates elevation in meters, ranging from 1200 to 1300. The horizontal axis represents the ground surface profile. The cross-section is divided into several geological units: a top layer of 'Unmineralised Sediment / Saprolite' (light green), a middle layer of 'Granitoid' (orange), and a bottom layer of 'TREO MINERALISATION' (pink). The mineralisation is shown as a series of red-shaded areas, with specific points labeled with their depth and TREO grade. For example, '17m at 1350ppm TREO' and '24m at 2154ppm TREO' are labeled on the left side. The right side of the diagram is labeled 'Inside Centre' and shows a large area of mineralisation. A legend at the bottom identifies the symbols used: a red square for '>1000ppm TREO', a pink square for '>300ppm TREO', an orange square for 'Granitoid', a light green square for 'Unmineralised Sediment / Saprolite', and a black line with a dot for 'AIRCORE DRILLING ASSAYING STATUS' and 'Results from Previous Programs'.

**TREO MINERALISATION**

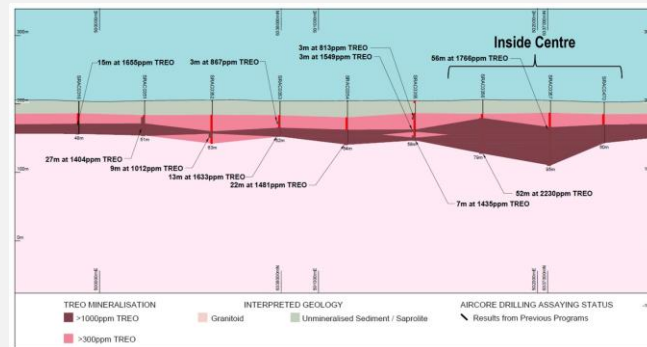
- >1000ppm TREO
- >300ppm TREO

**INTERPRETED GEOLOGY**

- Granitoid
- Unmineralised Sediment / Saprolite

**AIRCORE DRILLING ASSAYING STATUS**

- Results from Previous Programs

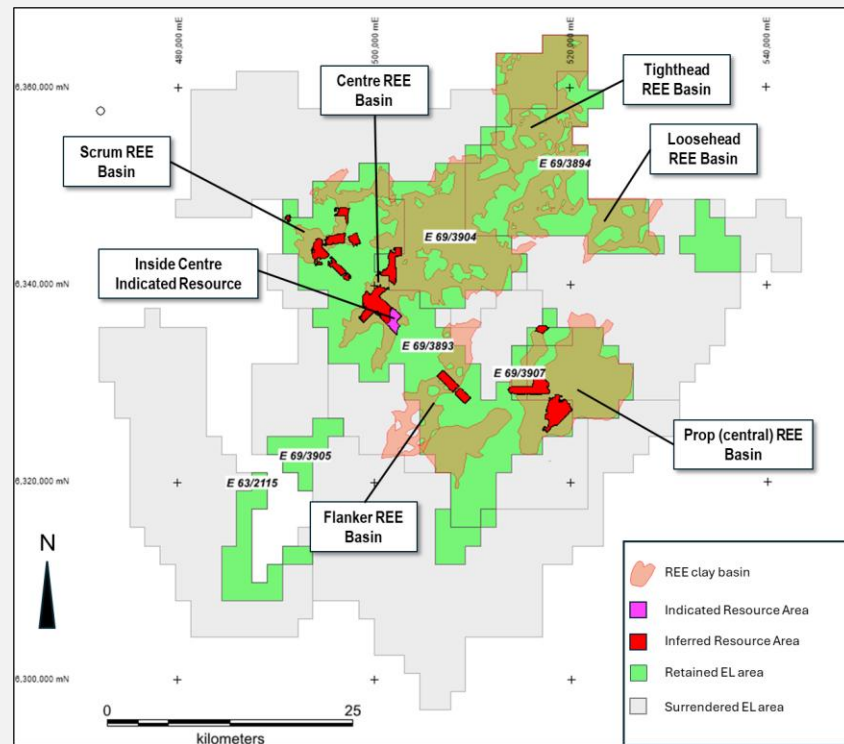


# RESOURCE GROWTH POTENTIAL

Upside to Towards Billions of Tonnes

- Current resource based on drilling **<10% of clay basins identified**
- Inside Centre has **direct extensions of thick REE high-grade zones** pending extensional drilling
- Centre Basin **Extends >30km** to the NE to Tighthead
- **Potential to exceed well beyond 1 billion tonnes**
- **Has the best zone even been discovered ?**

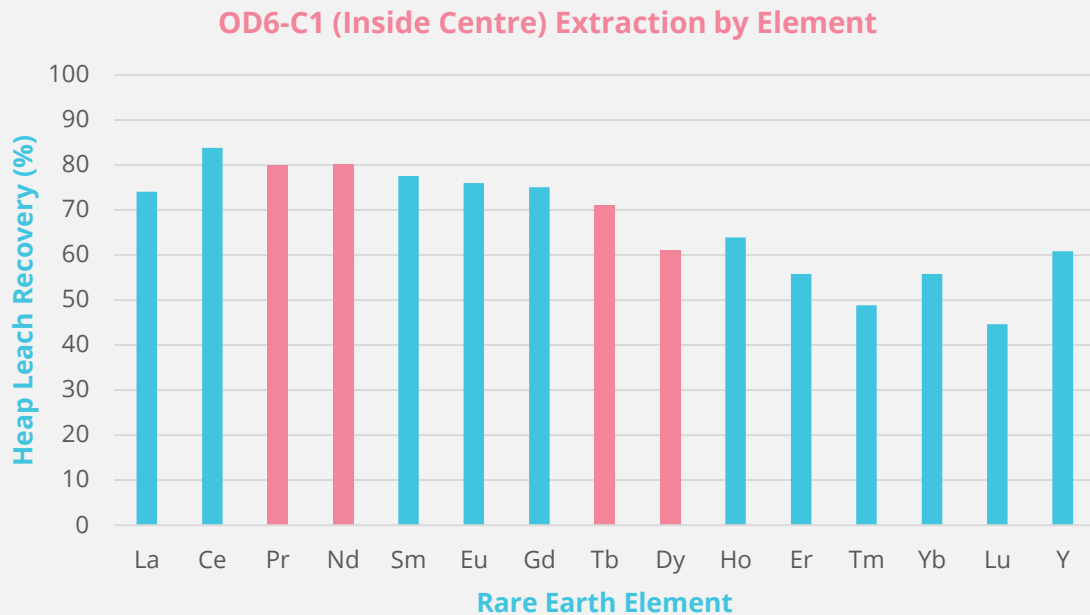
1. Refer to [ASX Announcement Mineral Resource Estimate Doubles](#)
2. Refer to [ASX Announcement Start of the Art Modelling Reveals Basin Extensions](#)



# OUTSTANDING METALLURGICAL RESULTS

## Rare Earths Recovered with Simple Heap Leach

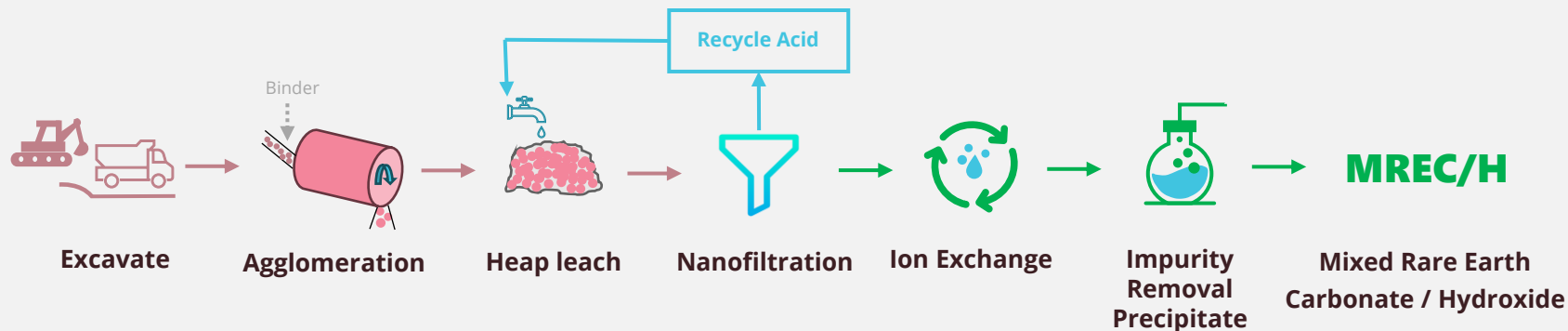
- **Simple acidic heap leach**
- **Capital intensive processing steps removed - tanks, thickening, clay washing, solid liquid separation**
- Excellent **overall Nd and Pr recovery of ~75%** inclusive of impurity removal
- 84.5% of HCl recycled using Nanofiltration = **7.5 kg HCl/t ore consumption**



1. Refer to [ASX Announcement Heap Leach Improves Met Recoveries](#)
2. Refer to [ASX Announcement IXL Improves Processing Flowsheet](#)
3. Refer to [ASX Announcement High Quality MREC produced](#)

# INNOVATIVE PROCESSING STEPS

Simplified Processing Pathway to Produce High Quality Low Impurity Product



- **84.5% Acid Recycling** with Nanofiltration (NF)
- **69% reduction in liquor volume** sent to Ion Exchange (IX) and Impurity Removal (IR) Circuits
- **High quality MREC and MREH ~56-59% TREO and Low Impurity** (Al, Fe, Si, U, Th)
- **Product quality meets or exceeds global MREC and MREH benchmarks**
- ANSTO and CPC Engineering Optioneering Study to select the optimal development pathway

1. Refer to [ASX Announcement Nanofiltration Reduces Acid Requirements By Over 80%](#)

# PRIME LOCATION FOR FUTURE DEVELOPMENT

Existing Infrastructure a Key Differentiating Factor



## **ESTABLISHED ESPERANCE TOWNSHIP**

- Proximate to large coastal town Esperance.
- Local workforce potential for any future development



## **READY ACCESS TO ESPERANCE BULK PORT**

- Esperance Port handles over 200 ships p.a.
- Cape size vessel capacity
- Regular container ships link to the export market



## **SERVICED BY EXISTING ROAD NETWORK**

- Established, well maintained road network connecting Splinter Rock to town and port



## **LOCAL RENEWABLE POWER CONNECTED**

- Proven renewable energy production
- Esperance has Dual 4.5 MW wind turbines plus 4 MW solar farm and gas turbines

# BENCHMARKING SHOWS POTENTIAL LOW CAPEX PROJECT

	OD6	IXR	MEI	VMM	VTM	BCM	LIN	ILU	ARU
Location	Australia	Uganda	Brazil	Brazil	Australia	Brazil	Malawi	Australia	Australia
Ore Type	Clay Hosted	Clay Hosted	Clay Hosted	Clay Hosted	Clay Hosted	Clay Hosted	Hard Rock Monazite	Hard Rock Monazite	Hard Rock Apatite
Processing Method	Heap Leach at Ambient	Heap Leach at Ambient	Leach Tanks at Ambient	Leach Tanks at Ambient	Leach Tanks at 60-90°C	In-situ Leach	Gravity, Mag Sep & Float	Crack, Leach, Purify, SX	Mill, Float, Leach, Bake, SX
Product	MREC/H	MREC	MREC	MREC	MREC	MREC	Monazite Conc.	Nd Pr Dy Tb Oxides	NdPr Oxide + SEG/HRE Oxide
Resource Grade TREO	1,338 ppm	640 ppm	2,359 ppm	2,508 ppm	493 ppm	746 ppm	2.14 %	Mixed	2.6 %
Feed Grade TREO	1,632 ppm	848 ppm	3,701 ppm	3,380 ppm	520 ppm	1,113 ppm	2.9 %	Mixed	2.9 %
Annual Throughput	TBA	5 Mtpa	6 Mtpa	5 Mtpa	8 Mtpa	9 Mtpa	536 ktpa	Variable	1.05 Mtpa
TREO Recovery	~70-75%	35 %	55 %	57 %	86 % #	48 %	60 %	Not stated	80 - 85%
REO Production	TBA	1,160 t	13,584 t	9,448 t	1,913 t excludes Ce+La	4,800 t	8,259 t	15,100 t	5,013 t
Payability Assumed	70-75 %	70 %	70 %	70 %	85 %	70 %	50-60 %	100 %	70 - 100 %
CAPEX	TBA	US\$120 M	US\$443 M	US\$354 M	US\$219 M	US\$55 M	US\$40 M	~US\$1,200 M	US\$1,226 M
Capital Intensity per tonne REO or NdPr	TBA	US\$104,803	US\$32,611	US\$37,468	US\$114,479	US\$11,458	US\$4,843	US\$79,470	US\$244,564
Annual OPEX \$/kg REO or NdPr	TBA	US\$52.99 /kg REO	US\$13.53 / kg REO	US\$9.30 / kg REO	US\$69.32 /kg REO	US\$6.15 / kg REO	US\$3.70 /kg REO	US\$37 / kg NdPr	US\$43.7 / kg NdPr
Market Capitalisation <sup>1</sup>	~\$12 M	~\$91 M	~\$303 M	~\$131 M	~\$192 M	~\$30 M	~\$308 M	~\$2.7 B	~\$455 M
Link to Source		<a href="#">DFS Report 20 March 2023</a>	<a href="#">PFS Report 21 July 2025</a>	<a href="#">PFS Report 9 July 2025</a>	<a href="#">Scoping Study 12 March 2025</a>	<a href="#">Scoping Study 26 Feb 2025</a>	<a href="#">FS Report 1 July 2024</a>	<a href="#">Update Econ. 6 Dec 2024</a>	<a href="#">Debt Funding 23 July 2024</a>

# recovery post +53um material removal

1. As at 26 August 2025

# DIRECT EQUITY INVESTMENT FROM THE PENTAGON IN MP MATERIALS

US Department of Defense investment followed by US\$500M rare earth magnet supply agreement with Apple

**US Department of Defense are investing in America's largest REE producer** – MP Materials, operator the the Mountain Pass mine in California

The direct equity investment of **US\$400M** sees the Pentagon emerge with **a 15% stake in a AUD\$11.2B mkt cap** business (as at 11/07/25)

The deal includes **offtake & minimum price guarantees for NdPr at a significant premium** to current spot

Subsequently, **Apple have entered into a US\$500M agreement to buy rare earths magnets** from MP Materials

CNBC news

Pentagon to become largest shareholder in Rinehart-backed rare earth miner MP Materials

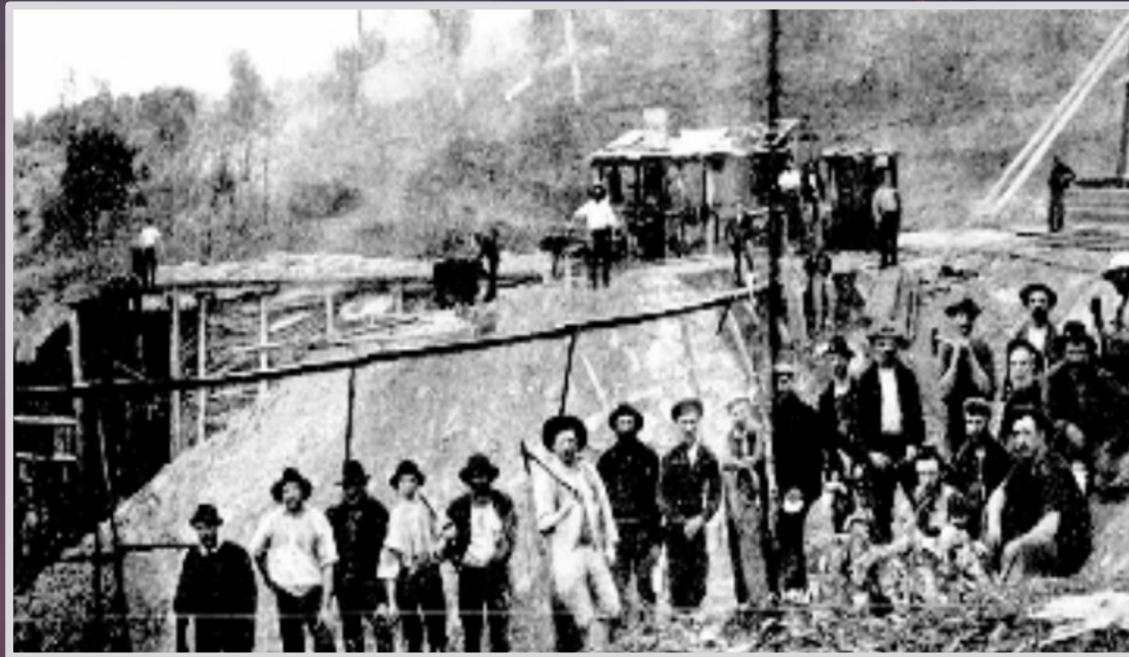
Spencer Kimball and Adrian Rauso | CNBC  
Fri, 11 July 2025 7:59AM | [Comments](#)

BREAKING | BUSINESS

Apple's \$500 Million Deal With MP Materials — Only Rare Earths Mine In U.S. — Sends Stock Soaring



# Gulf Creek Copper



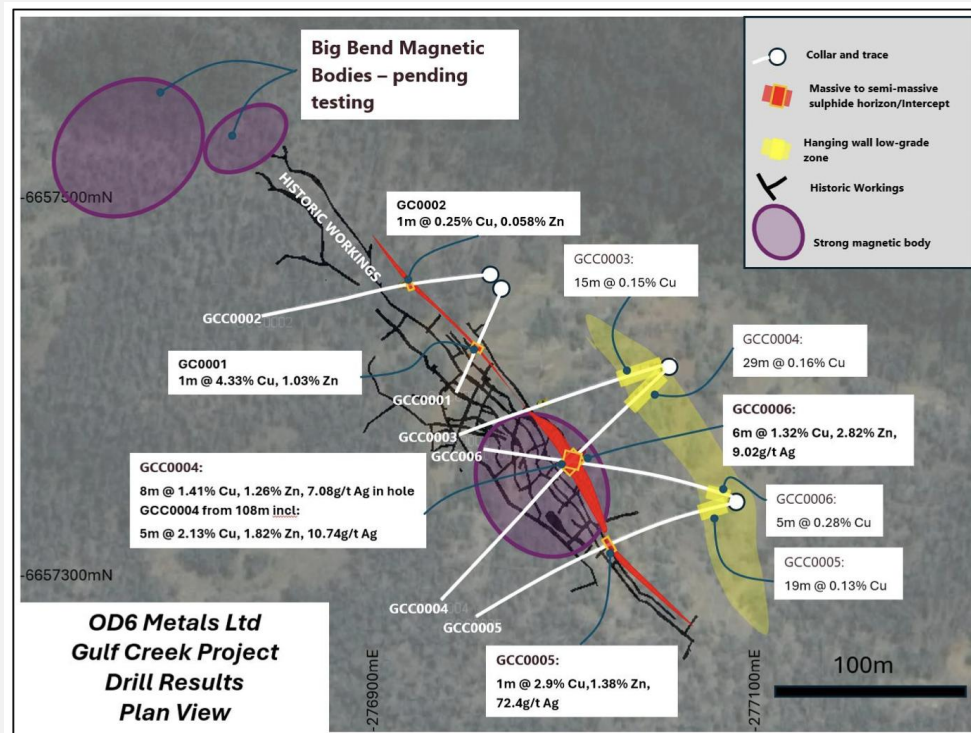
**Historic High-Grade Copper-Zinc Mine (1896-1912)**

ASX:OD6

# MAIDEN DRILLING COMPLETE & PHASE 2 READY

## Exploration Targeting Methodology Confirmed

- **Successfully 6 hole maiden drill program confirmed high-grade copper**
  - 8m @ 1.41% Cu, 1.26% Zn, 7.08g/t Ag
  - 6m @ 1.32% Cu, 2.82% Zn, 9.02g/t Ag
  - 1m @ 4.33% Cu, 1.02% Zn, 2.5g/t Ag
- **Strong relationship between magnetism and massive sulphide mineralisation**
- **Phase 2 drilling to test repeat structures** identified by magnetic geophysics modelling
- **Downhole EM** and magnetics to further identify follow up targets

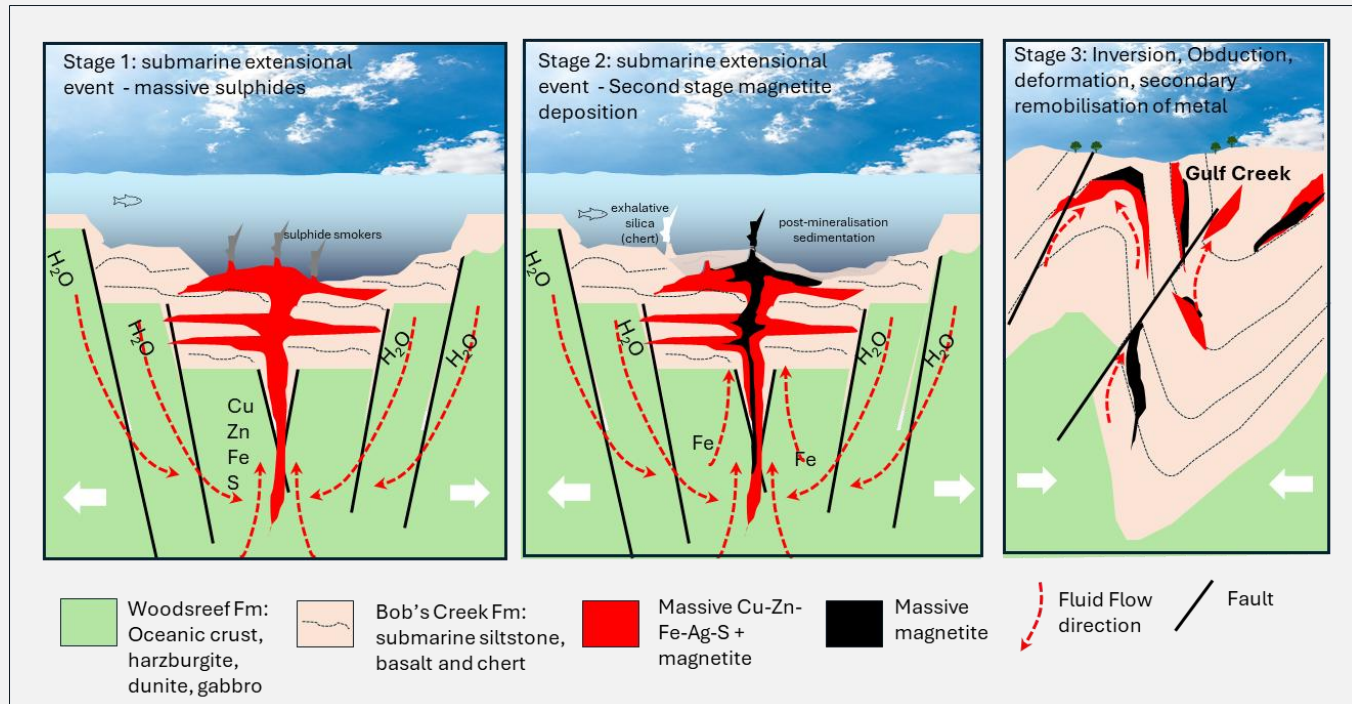


Plan view of Phase 1 drilling

Refer to [ASX Announcement High Grade Copper Massive Sulphides](#)

# GULF CREEK COPPER – HIGH GRADE VMS SYSTEM

Formation of a copper and zinc rich VMS System with magnetite association



**Gulf Creek is a Classic VMS System**

**Formed on the sea-floor when hydrothermal vents deposited copper rich sulphides**

# GULF CREEK – HIGH-GRADE COPPER CONFIRMED

Very elevated grades (**up to 4.6% Cu**) within hole GC0004

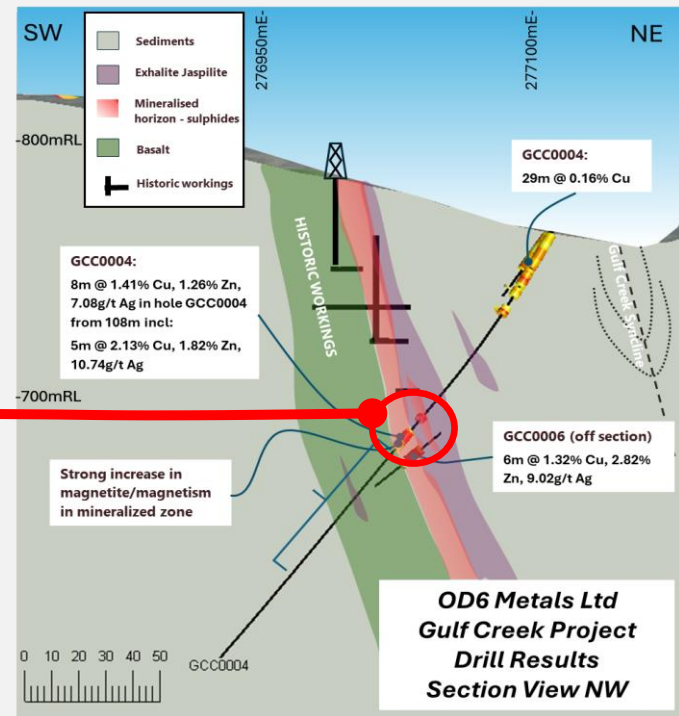
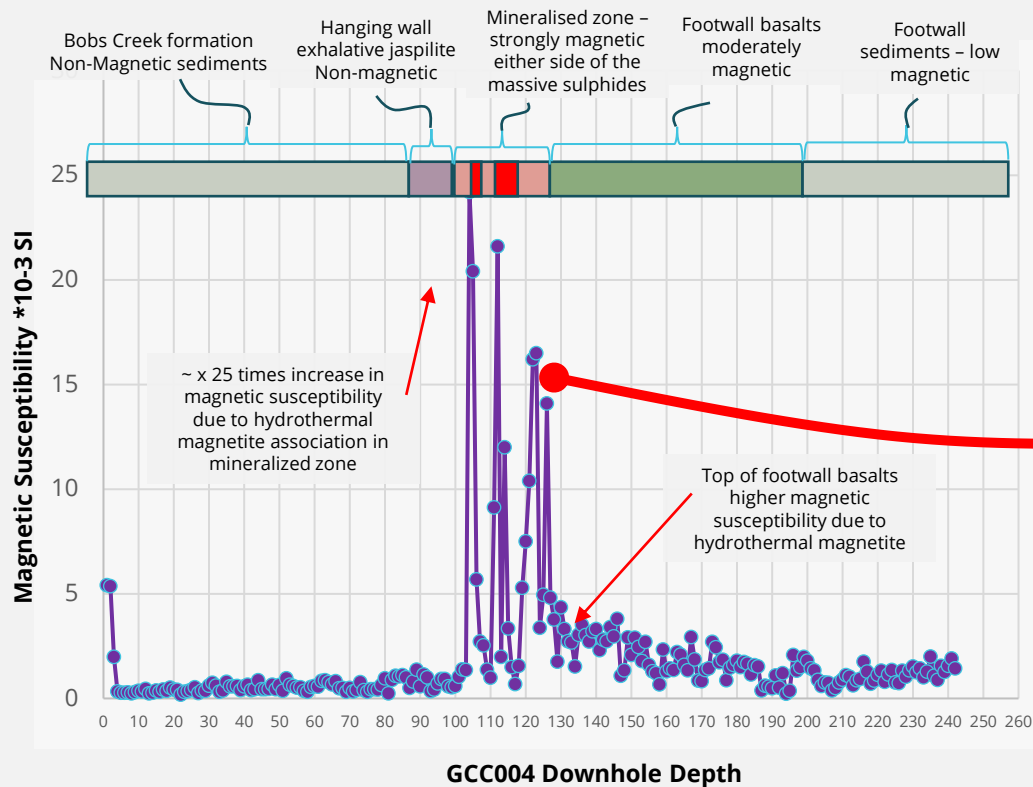


Chip Trays from Hole GC0004 showing the classic VMS stratigraphic succession from hanging wall sediments, jaspilite, disseminate to semi-massive to massive sulphides to footwall basalts

Refer to [ASX Announcement High Grade Copper Massive Sulphides](#)

# MAGNETIC SUSCEPTIBILITY AND MINERALISATION

## Magnetism Correlates with Copper in GCC004

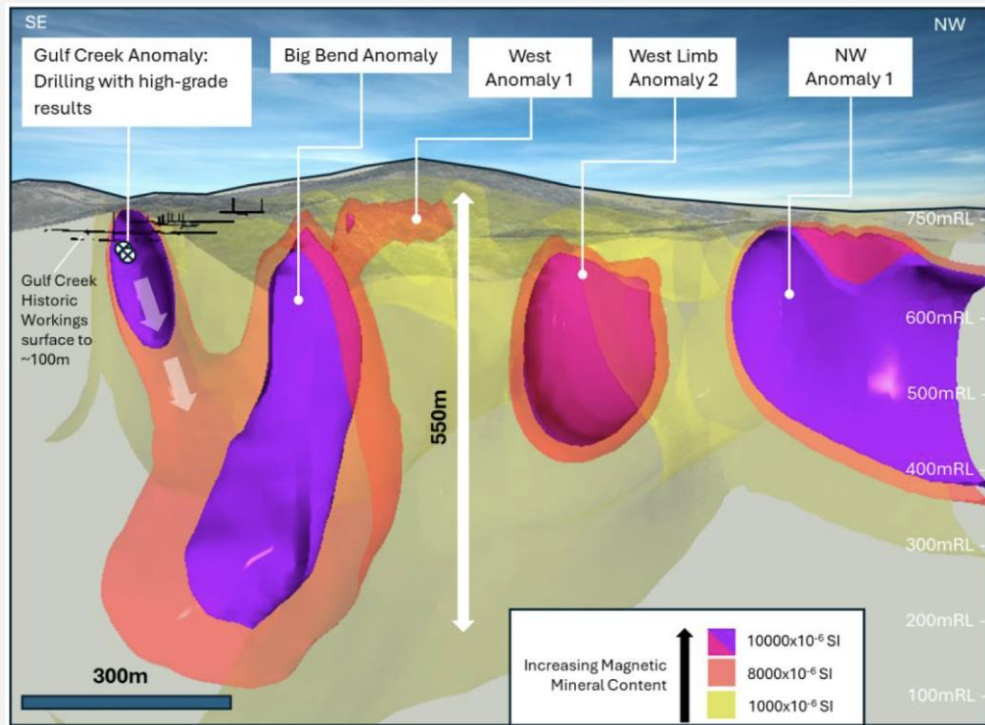


# VMS SYSTEMS KNOWN FOR REPEAT STRUCTURES

Multiple Extensional and Repeat Magnetic Targets Indicated by 3D Inversion Modelling<sup>1</sup>

- Geophysical modelling has identified **multiple, high priority and untested targets**<sup>1</sup>
- **7 priority holes** at Big Bend, NorthWest and West Limb Targets ~1,750m
- **Drilling to commence in late September**
- **Program can be expanded** based on success with 25-hole, ~7,500m permitted
- >3km of untested **target magnetite-VMS target horizon** in immediate mine area
- Potential >10km across entire tenement

Refer to [ASX Announcement High Grade Copper Massive Sulphides](#)

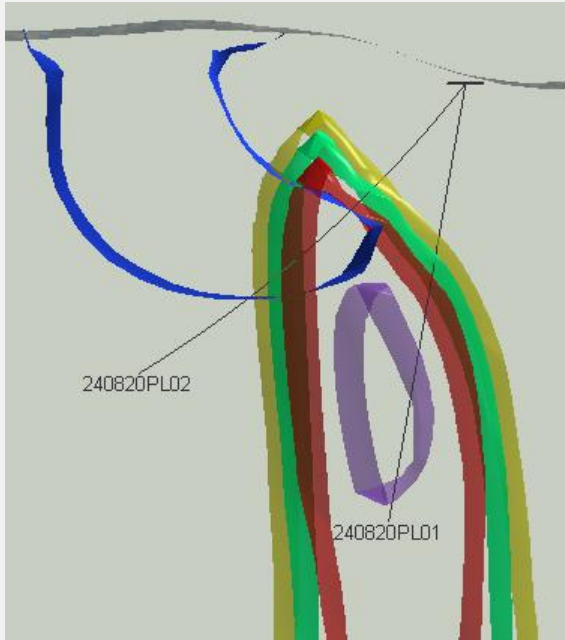


Long section<sup>1</sup> zoomed out

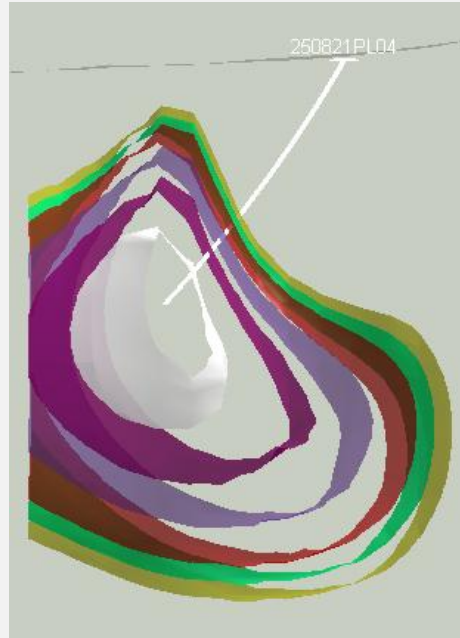
# UNTESTED REPEAT MAGNETIC TARGETS – TIME FOR TESTING!

Similar magnetic features to the Historic Gulf Creek Copper Mine

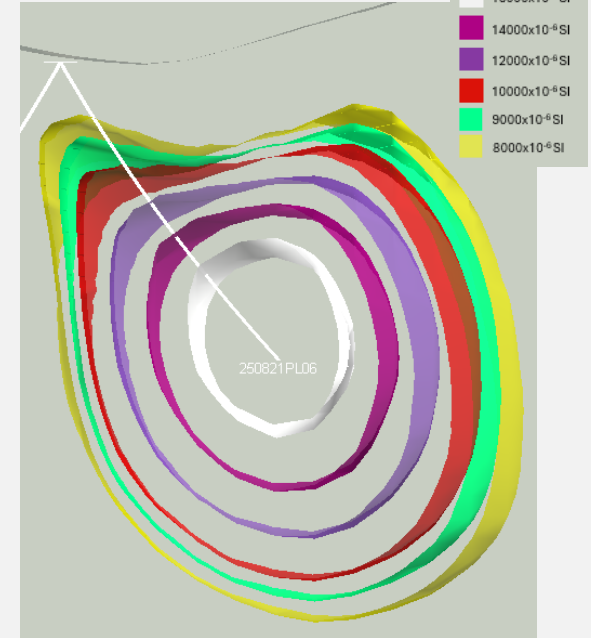
## Big Bend



## NorthWest



## West Limb



Planned drill hole cross section into each of the three magnetic targets. Each shell shows modelled magnetic content . White being the highest

# CORPORATE SNAPSHOT

High Calibre Leadership Team and Tight Capital Structure

## Capital Structure

ASX: OD6

Price per share <sup>1</sup>	A\$0.062
Total number of shares on issue <sup>1</sup>	198.93M
Performance rights and options <sup>2</sup>	86.87M
Market capitalisation (undiluted) <sup>1</sup>	A\$12.3M
Cash <sup>2</sup>	A\$3.3M
Debt <sup>2</sup>	Nil
Enterprise value	A\$9.0M

## Share Price 12 Month History

A\$/share



**Mr Brett Hazelden**  
MANAGING DIRECTOR



**Mr Piers Lewis**  
NON-EXECUTIVE CHAIRMAN

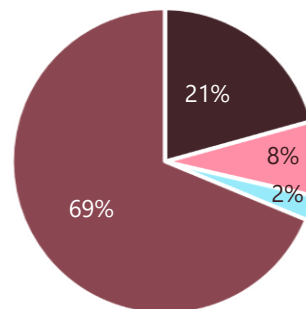


**Dr Mitch Loan**  
NON-EXECUTIVE DIRECTOR



**Dr Darren Holden**  
Geological Advisor

## Register Detail



- Founders (exc. Directors and Management)
- Directors and Management
- Family Offices and Institutions
- Retail / Other

1. As at 26 August 2025

2. Pro-forma cash balance as at 22 August 2025. Refer to ASX announcement "[OD6 Raises \\$2.5M to Advance Splinter Rock and Gulf Creek](#)"

# CONTACT US

## REGISTERED OFFICE

c/o LCP Group  
Level 1, 50 Kings Park Road  
West Perth WA 6005  
Phone: +61 8 6189 8515  
Email: [info@od6metals.com.au](mailto:info@od6metals.com.au)

## SHARE REGISTRY

Computershare Investor Services  
Level 11, 172 St Georges Tce  
Perth WA 6000

[www.od6metals.com.au](http://www.od6metals.com.au)  
ASX:OD6

## LUCAS ROBINSON

Investor Relations  
[lucas@corporatestorytime.com](mailto:lucas@corporatestorytime.com)  
+61 408 228 889



# SPLINTER ROCK MINERAL RESOURCE ESTIMATE

At 1,000ppm Cut Off Grade



GLOBALY  
SIGNIFICANT  
HIGH GRADE  
CLAY HOSTED  
MINERAL  
RESOURCE  
ESTIMATE (MRE)

Prospect	Category	Tonnes (Mt)	TREO (ppm)	Pr <sub>6</sub> O <sub>11</sub> (ppm)	Nd <sub>2</sub> O <sub>3</sub> (ppm)	Tb <sub>4</sub> O <sub>7</sub> (ppm)	Dy <sub>2</sub> O <sub>3</sub> (ppm)	MagREO (ppm)	MagREO (% of TREO)
Inside Centre	Indicated	119	1,632	79	271	2	12	366	22.4%
Centre	Inferred	276	1,342	65	228	3	15	310	23.1%
Centre NW	Inferred	21	1,255	65	227	3	14	309	24.6%
Scrum	Inferred	126	1,228	58	210	3	15	285	23.2%
Prop	Inferred	94	1,160	53	190	2	13	259	22.3%
Flanker	Inferred	45	1,250	59	212	3	16	290	23.2%
<b>Total</b>	<b>I+I</b>	<b>682</b>	<b>1,338</b>	<b>64</b>	<b>226</b>	<b>3</b>	<b>14</b>	<b>307</b>	<b>22.9%</b>

Refer to [ASX Announcement Mineral Resource Estimate Doubles](#)

TREO (Total Rare Earth Oxide) = La<sub>2</sub>O<sub>3</sub> + CeO<sub>2</sub> + Pr<sub>6</sub>O<sub>11</sub> + Nd<sub>2</sub>O<sub>3</sub> + Sm<sub>2</sub>O<sub>3</sub> + Eu<sub>2</sub>O<sub>3</sub> + Gd<sub>2</sub>O<sub>3</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub> + Ho<sub>2</sub>O<sub>3</sub> + Er<sub>2</sub>O<sub>3</sub> + Tm<sub>2</sub>O<sub>3</sub> + Yb<sub>2</sub>O<sub>3</sub> + Lu<sub>2</sub>O<sub>3</sub> + Y<sub>2</sub>O<sub>3</sub>

MagREO (Magnet Rare Earth Oxide) = Nd<sub>2</sub>O<sub>3</sub> + Pr<sub>6</sub>O<sub>11</sub> + Tb<sub>4</sub>O<sub>7</sub> + Dy<sub>2</sub>O<sub>3</sub>

% Magnet REO = (MagREO / TREO)\*100

For full Mineral Resource estimate details refer to OD6 ASX announcement 29 May 2024, "Mineral Resource Estimate Doubles". OD6 is not aware of any new information or data that materially affects the Mineral Resource estimate included in that release. All material assumptions and technical parameters underpinning the Mineral Resource estimate in that release continue to apply and have not materially changed.

# SPLINTER ROCK MINERAL RESOURCE ESTIMATE

Focused on Quality Over Quantity of Resource



A QUALITY MRE  
TARGETING THE  
BEST GRADE,  
RECOVERY, STRIP  
RATIO & REAGENT  
CONSUMPTION

Cut-off grade (ppm TREO)	Tonnes (Mt)	TREO (ppm)	Contained TREO (k tonne)	MagREO (ppm)	MagREO (% of TREO)	Contained MagREO (k tonnes)
400	2,226	884	1,968	201	22.7%	447
600	1,654	1014	1,677	232	22.9%	384
800	1,125	1164	1,310	267	22.9%	300
<b>1,000</b>	<b>682</b>	<b>1338</b>	<b>913</b>	<b>307</b>	<b>22.9%</b>	<b>209</b>
1,200	394	1518	598	348	22.9%	137
1,400	226	1686	381	386	22.9%	87

Refer to [ASX Announcement Mineral Resource Estimate Doubles](#)

TREO (Total Rare Earth Oxide) =  $\text{La}_2\text{O}_3 + \text{CeO}_2 + \text{Pr}_6\text{O}_{11} + \text{Nd}_2\text{O}_3 + \text{Sm}_2\text{O}_3 + \text{Eu}_2\text{O}_3 + \text{Gd}_2\text{O}_3 + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3 + \text{Ho}_2\text{O}_3 + \text{Er}_2\text{O}_3 + \text{Tm}_2\text{O}_3 + \text{Yb}_2\text{O}_3 + \text{Lu}_2\text{O}_3 + \text{Y}_2\text{O}_3$

MagREO (Magnet Rare Earth Oxide) =  $\text{Nd}_2\text{O}_3 + \text{Pr}_6\text{O}_{11} + \text{Tb}_4\text{O}_7 + \text{Dy}_2\text{O}_3$

% Magnet REO =  $(\text{MagREO} / \text{TREO}) * 100$

For full Mineral Resource estimate details refer to OD6 ASX announcement 29 May 2024, "Mineral Resource Estimate Doubles". OD6 is not aware of any new information or data that materially affects the Mineral Resource estimate included in that release. All material assumptions and technical parameters underpinning the Mineral Resource estimate in that release continue to apply and have not materially changed.