



## Potential for

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**Globally Significant  
Multi-Generational  
Highest Grade  
Highest Value**

## Spanish source of

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**Titanium (Rutile)  
Zircon and Hafnium  
Rare Earths  
Silica**

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# Orión EU Critical Minerals Project

**Swiss Mining Institute Conference  
Investor Presentation**

19 March 2026

# Important Information & Disclaimer



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The information in this presentation includes “forward looking statements”. All statements other than statements of historical fact included in this Presentation regarding the business strategy, plans, goals and objectives are forward looking statements. When used in this Presentation, the words “believe”, “project”, “expect”, “anticipate”, “estimate”, “intend”, “budget”, “target”, “aim”, “strategy”, “estimate”, “plan”, “guidance”, “outlook”, “intend”, “may”, “should”, “could”, “will”, “would”, “will be”, “will continue”, “will likely result” and similar expressions are intended to identify forward looking statements, although not all forward looking statements contain such identifying words. These forward-looking statements are based on Osmond’s current expectations and assumptions about future events and are based on currently available information as to the outcome and timing of future events. The reader is cautioned that these forward-looking statements are subject to all of the risks and uncertainties, most of which are difficult to predict and many of which are beyond the Company’s control, incident to the extraction of the critical materials the Company intends to produce. These risks include, but are not limited to: limited operating history in the critical minerals’ extraction industry and no revenue from the proposed extraction operations; the need for substantial additional financing to execute the business plan and the Company’s ability to access capital and the financial markets; the Company’s status as an exploration stage company dependent on a single project with no known JORC Code compliant mineral resources or reserves; and other risks. Should one or more of these risks or uncertainties occur, or should underlying assumptions prove incorrect, the actual results and plans could differ materially from those expressed in any forward-looking statements. No representation or warranty (express or implied) is made as to, and no reliance should be placed on, any information, including projections, estimates, targets and opinions contained herein, and no liability whatsoever is accepted as to any errors, omissions or misstatements contained herein.

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## **COMPETENT PERSON STATEMENT**

The information in this report that relates to Exploration Results is based on information compiled by Dr Fernando Palero, a Competent Person who is a Member of the European Federation of Geologists. Dr Palero is an independent geological consultant. Dr Palero has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Dr Palero consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

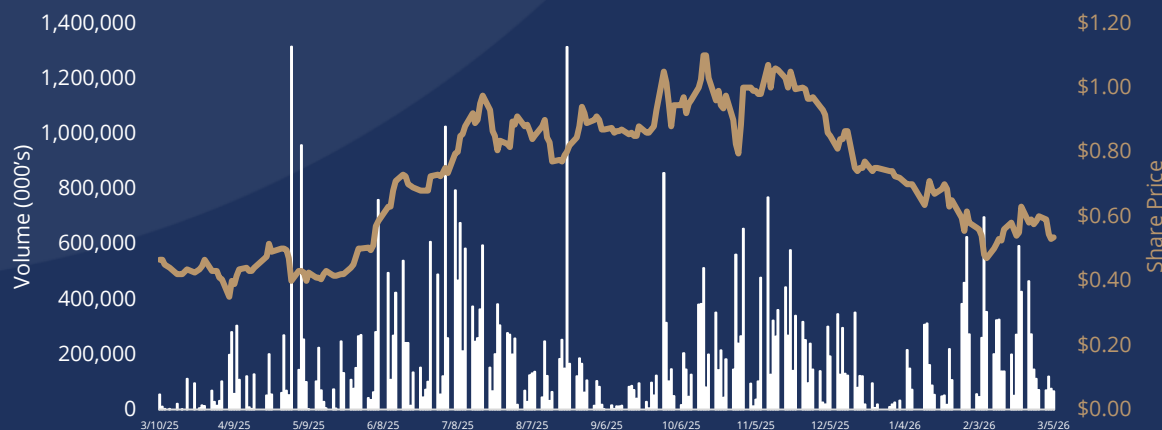
References have been made in this presentation to certain past ASX announcements, including references regarding exploration results. For full details, refer to the referenced ASX announcement on the said date. The Company confirms that it is not aware of any new information or data that materially affects the information included in these earlier market announcements.

Released with the authority of the board of Osmond Resources Limited.

# 1. Corporate Overview

## Capital Structure ASX.OSM

Ordinary Shares (undiluted)		138.0m
Orion Acquisition Milestone Shares (refer ASX Release dated 29 July 2025)		
Stage 2 – Mineral Resource Estimate	42.5m	
Stage 3 – Scoping Study	42.5m	85.0m
Options (strike ranging \$0.15-\$1.75)		58.3m
Fully Diluted Shares		281.3m
Share Price at 11 March 2026	\$0.545	
Undiluted Market Cap		\$75m
Fully Diluted Market Cap		\$153m
Pro Forma Cash as at 31 Dec 2025		\$8.5m



## Key Management

### Anthony Hall

#### Managing Director & CEO

Over 25 years commercial experience in strategy, venture capital, risk management and compliance. Successfully transitioned two natural resources IPOs to ASX300 companies as MD and CEO.

LLB (Hons), BBus, GradDipAppFin, AGIA

### Lachlan Rutherford

#### Executive Director

25 years exploration and commercial experience in business strategy and project management. Managed two EU critical minerals projects in Spain and Sweden.

PhD, MBA, BSc (Hons) (Geology).

### Fernando Palero

#### Chief Geologist

Spanish national with over 43 years experience in mining exploration and mining operation in Spain, Africa and South America as a Chief Geologist through to consultant and researcher.

PhD in Geological Sciences.

### Gonzalo Mayoral

#### In-Country Manager

Spanish national with over 25 years experience in construction and mining projects management. Successfully delivered Feasibility Studies for ASX listed Spanish mining developer.

Mining Engineer, Masters level Environmental and Safety Studies.

### Javier Pontvianne

#### Process Engineering Mgr

Spanish national with over 10 years experience in concentration and metallurgy within mining projects in Spain and Australia.

Mining Engineer – metallurgy specialty.

### Pedro Rodriguez

#### Advisor

Spanish national with over 45 years of experience in the mining industry, including seven international mining companies whilst based in Spain.

Qualifications in Geology.

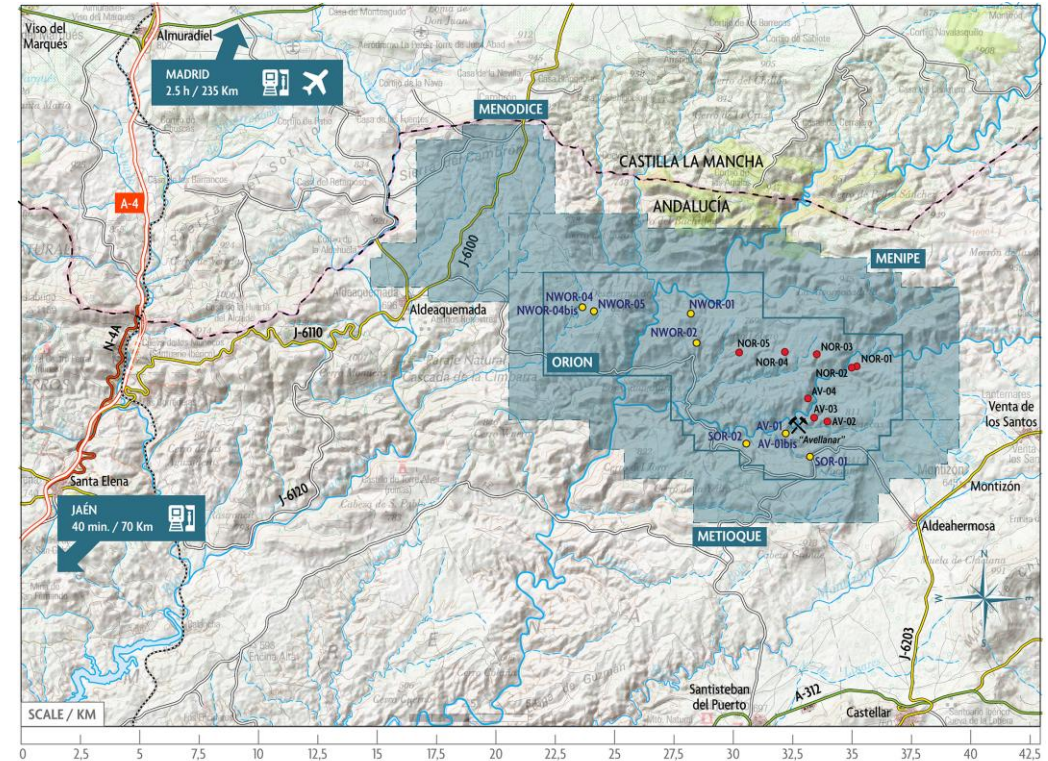
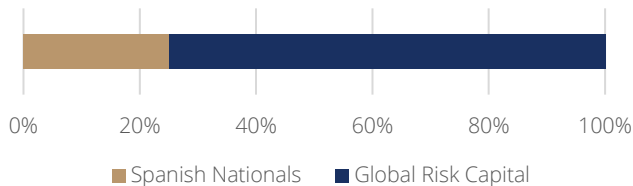
# 2. Orión EU Critical Minerals Project



## Overview

- Project located in Jaén Province, Andalucía, Southern Spain
- 756 “cuadrículas mineras” covering an area of ~228km<sup>2</sup>
- A lithified placer sand geological system with various layers rich in three future facing / critical minerals with high grade potential:
  - Rutile (titanium), zircon (zirconium, hafnium), monazite (REE), quartz (silicon metal)
- Unsuccessfully explored for uranium and thorium in the 1950's and 1960's
- Initial target areas are within Orión Permit (PI awarded)
- Historic galena (lead) mine in permit area located directly below mineralised outcrops
- In November 2025 initial drilling confirmed potential for grade and scale.

## Ownership



Map showing Orión EU Critical Minerals Project location highlighting planned drillholes

# 3. Potential



## Potential to be globally significant, multi-generational and highest grade and value at scale

### Current EU Position

- EU extracts NO
  - Titanium;
  - Zirconium and Hafnium; or
  - Rare Earth Elements.
- 100% Import reliant with majority coming from Russia, South Africa and China.

### Orión Potential

- Project expected to contain globally significant accumulation of rutile, zircon and monazite (rare earths).
- At scale, the Project could substantially help EU goals to insource critical minerals containing titanium, zircon and hafnium and rare earth elements.
- **Three of 17 strategic EU Critical Materials.**



Map showing targeted pervasive prehistoric seabed at Project location

# 4. Grade and Scale



## Orión could have the highest grades of rutile and zircon globally at scale

with the potential to have grade and scale at multiples of the best projects globally

Table summarising initial drilling results in November 2025<sup>1</sup>

	3m Primary Seam		1.5/1.8m High-Grade Sub Seam	
	AV01	Av01-bis	AV01	AV01-bis
Rutile	10.2%	13.0%	15.7%	18.8%
Ilmenite	3.9%	5.0%	6.0%	7.2%
Zircon	6.1%	8.0%	9.8%	11.9%
Monazite	1.1%	1.3%	1.7%	2.0%
NdPr Oxide (ppm)	1,693	2,001	2,616	3,078
Dy <sub>2</sub> O <sub>3</sub> (ppm)	95	113	147	162
Tb <sub>4</sub> O <sub>7</sub> (ppm)	20	23	32	34

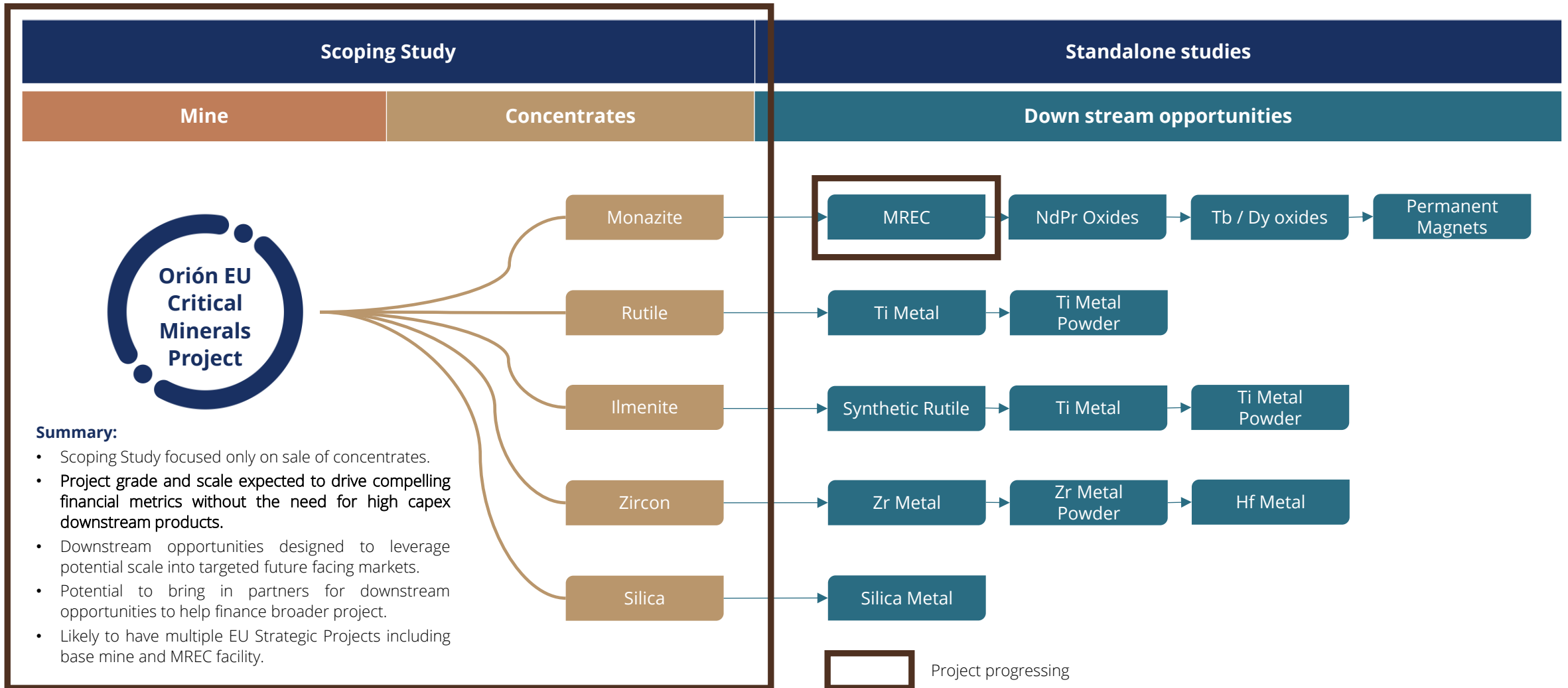
Highest grade comparable projects in production globally<sup>2</sup>

	Company	Project	Location	Tonnes	Grade
Highest Grade Rutile	Iluka	Balranald	Australia	54m	3.74%
Highest Grade Zircon	PYX Resources	Mandiri	Indonesia	126m	4.76%

<sup>1</sup> Refer to ASX announcements 18 and 24 November 2025.

<sup>2</sup> Refer to Iluka Resources Limited ASX announcements 21 February 2023 and PYX Resources Company presentation 18 April 2023.









# 5. Project Execution and Optionality



# 6. Products



All minerals are important for future facing technology

Mineral	Primary Market	Future Facing Market	Future Facing Technology					
			Humanoid Robots	Drones	Aerospace	Nuclear Power	Electric Vehicles	Semiconductors
<b>Rutile (titanium)</b>	Pigments	Titanium metal Titanium metal powder						
<b>Zircon and Hafnium</b>	Tiles and ceramics	Zirconium metal Hafnium metal						
<b>Monazite (Rare Earth Elements)</b>	Magnets	NdPrFeB Permanent Magnets						
<b>Silica</b>	Glass	Silica metal						

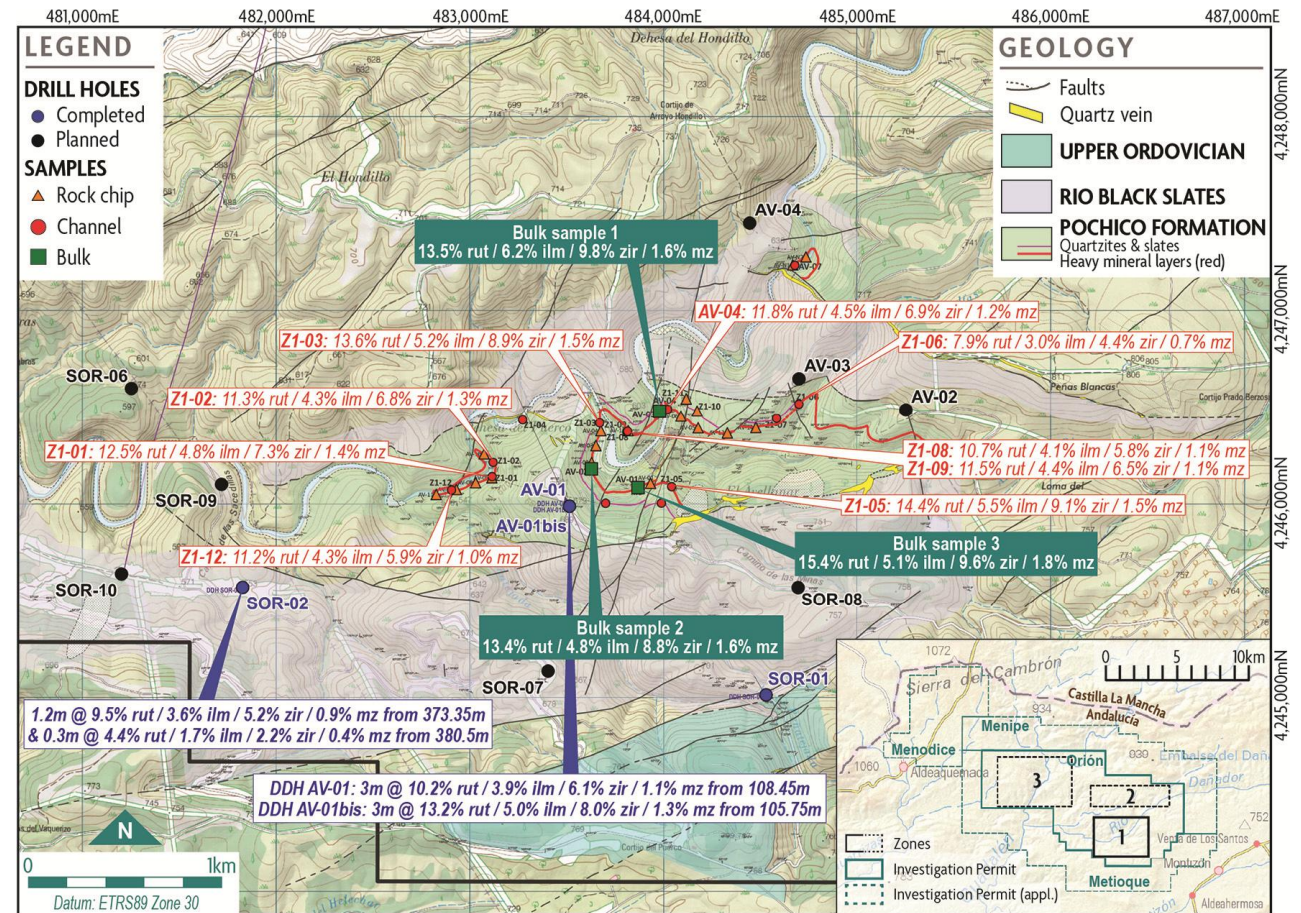
# 7. Fast-Tracking High-Grade Study



## 10.7km<sup>2</sup> High-Grade Initial Target Area

- Three high-grade drill holes\*
- Three high-grade bulk samples (150kgs)
- Many high-grade channel samples
- Focus on fast-tracking Mineral Resource Estimate to enable completion of Scoping Study
- Initial met results:

*Importantly, the initial testwork provides confidence that zircon recoveries and product specifications will be comparable with global producers and monazite recoveries are likely to be in line with global hard rock producers. Titanium results are expected in the coming months. (ASX announcement of 3 March 2026)*



Map showing target area in Zone 1 for Scoping Study including a summary of mineral grades of initial drill holes assay results, bulk samples and channel samples\*.

\* Refer to OSM ASX announcements of 6 September 2024, 18 November 2025, 24 November 2025, 11 December 2025, and and 3 March 2026.

# 8. EU Critical Minerals List



## Orion Project contains three of 17 Strategic Raw Materials and five of 34 Critical Raw Materials

Strategic Raw Materials	
1	bauxite/alumina/aluminium
2	bismuth
3	boron - metallurgy grade
4	cobalt
5	copper
6	gallium
7	germanium
8	lithium - battery grade
9	magnesium metal
10	manganese - battery grade
11	graphite - battery grade
12	nickel - battery grade
13	platinum group metals
14	<b>rare earth elements for permanent magnets (Nd, Pr, Tb, Dy, Cd, SM and Ce)</b>
15	<b>silicon metals</b>
16	<b>titanium metal</b>
17	tungsten

Critical Raw Materials			
1	antimony	18	<b>light rare earth elements</b>
2	arsenic	19	lithium
3	bauxite/alumina/aluminium	20	magnesium
4	baryte	21	manganese
5	beryllium	22	graphite
6	bismuth	23	nickel - battery grade
7	boron	24	niobium
8	cobalt	25	phosphate rock
9	coking coal	26	phosphorus
10	copper	27	platinum group metals
11	feldspar	28	scandium
12	fluorspar	29	<b>silicon metal</b>
13	gallium	30	strontium
14	germanium	31	tantalum
15	<b>hafnium</b>	31	<b>titanium metal</b>
16	helium	33	tungsten
17	<b>heavy rare earth elements</b>	34	vanadium

## EU Critical Raw Materials Act

- Aim is to reduce dependence on countries outside of the EU for critical materials / minerals.
- Objective by 2030
  - EU Extraction: **At least 10%** of EU annual consumption from EU
  - EU Processing: **At least 40%** of EU annual consumption from EU
  - EU Recycling: **At least 25%** of the EU's annual consumption from domestic recycling
  - External Sources: **not more than 65%** of the EU's annual consumption of each strategic raw material at any relevant stage of processing from a single third country.
- Maximum of 27 months permitting timetable for Strategic Projects involving extraction.
- Single point of contact for all things permitting.

# 9. Catalysts



## Catalyst rich short-term outlook

Q1 CY2026			Balance of CY2026					
Jan26	Feb26	Mar26	Apr26	May26	Jun26	Jul26	-----	Dec26

- Assay results for Zone 3 drill holes
- Metallurgical study progress reports
- Product and partner related initiatives
- Aspirational targets for Scoping Study



- Assay results for additional drill holes in high-grade Target Area (Zone 1)
- Maiden JORC Mineral Resource Estimate
- Scoping Study progress reports



- Scoping Study completion
- Further drilling
- Further product and partner related initiatives
- Financing initiatives

# 10. Summary



Osmond Resources (ASX.OSM) is focused on developing the Orión EU Critical Minerals Project.

Uniquely positioned with possibility for **THREE ECONOMIC MINERALS**

Potential for:

High Grade	High Value	High Tonnage	EU Critical Minerals
<ul style="list-style-type: none"><li>- Outcrop samples containing over 45% Total Heavy Minerals (<b>THM</b>)</li><li>- High grades of Rutile (titanium), Zircon (zirconium / hafnium) and Monazite (rare earth elements REE).</li></ul>	<ul style="list-style-type: none"><li>- <b>Three Economic Minerals</b></li><li>- Rutile;</li><li>- Zircon; and</li><li>- Monazite.</li></ul>	<ul style="list-style-type: none"><li>- Two interpreted pervasive seams</li><li>- Mineralised outcrops over 12km apart within Orión permit area</li><li>- 228km<sup>2</sup> permit area.</li></ul>	<ul style="list-style-type: none"><li>- EU Critical Raw Materials Act 2024</li><li>- Three of 17 Strategic Critical Materials</li><li>- Five of 34 Critical Materials</li><li>- Spanish Mineral Raw Materials Plan – 2025 to 2029.</li></ul>



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