Potential for

High-Grade | High-Value | High-Tonnage

EU Critical Minerals

Investor Presentation

November 2025

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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 Mr Fernando Palero, a Competent Person who is a Member of the European Federation of Geologists. Mr Palero is an independent geological consultant. Mr 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'. Mr Palero consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Introduction

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
- Outcrop samples containing over 45% Total Heavy Minerals (**THM**) - High grades of Rutile (titanium), Zircon (zirconium / hafnium) and Monazite (rare earth elements REE).	- **Three Economic Minerals** - Rutile; - Zircon; and - Monazite.	- Two interpreted pervasive seams - Mineralised outcrops over 12km apart within Orión permit area - 228km^2 permit area.	- EU Critical Raw Materials Act 2024 - Three of 17 Strategic Critical Materials - Five of 34 Critical Materials - Spanish Mineral Raw Materials Plan – 2025 to 2029.

Table of Contents

1. Corporate Overview

Capital Structure ASX.OSM

Ordinary Shares (undiluted)		127.0m
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		41.7m
Fully Diluted Shares		253.8m
Share Price at 3 November 2025	$1.00	
Undiluted Market Cap		$127.0m
Fully Diluted Market Cap		$253.8m
Cash in the Bank at 30 October 2025*		$3.24m

* Current cash balance is expected to be sufficient through Scoping Study completion

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

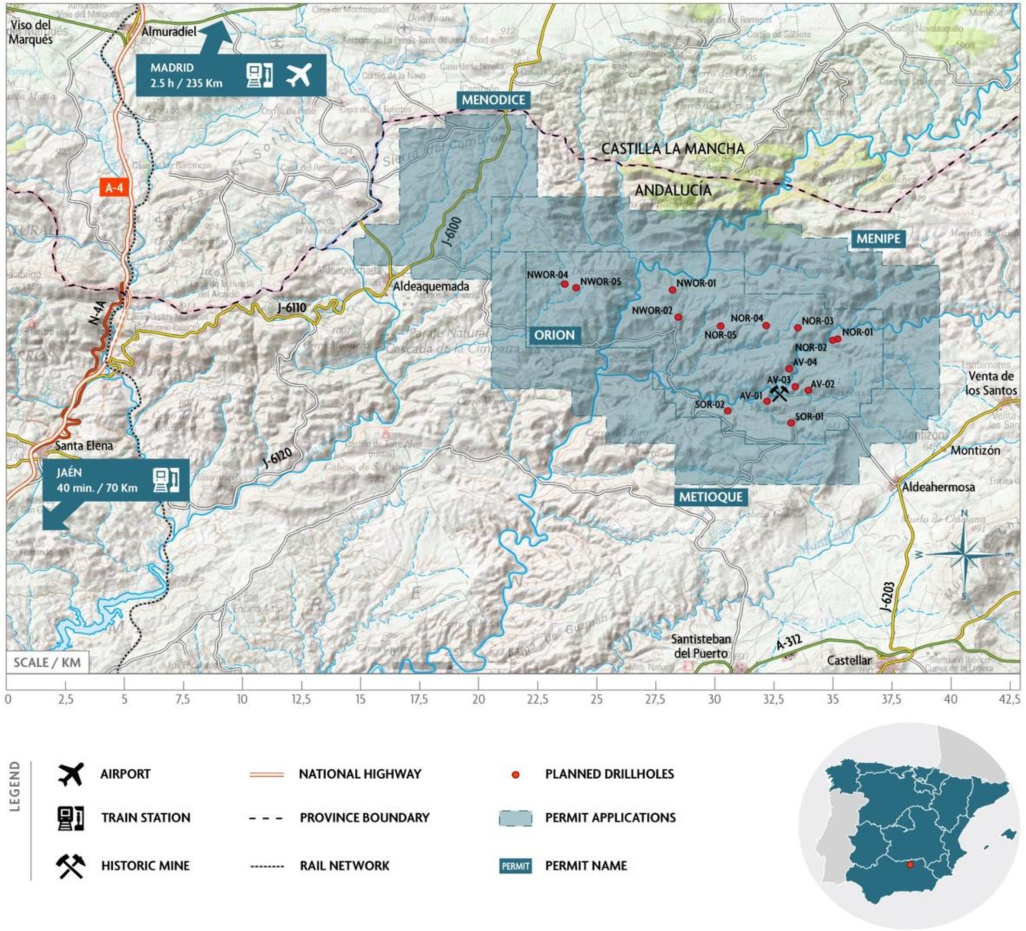
Spanish national with over 45 years of experience in the mining industry, including seven international mining companies whilst based in Spain.

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^2
- 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)
- Unsuccessfully explored for uranium and thorium in the 1950's and 1960's
- Initial target areas are within Orión Permit
- Historic galena (lead) mine in permit area located directly below mineralised outcrops
- Geological mapping has confirmed two primary seams that appear to be pervasive across the Orión Permit
- Staged acquisition; upon Scoping Study OSM will own 80% of Company owning 95% of the Project*



Map showing Orión EU Critical Minerals Project location highlighting planned drillholes

*Refer ASX Release dated 29 July 2025

2. Orión EU Critical Minerals Project

3. High-Grade and Value Potential

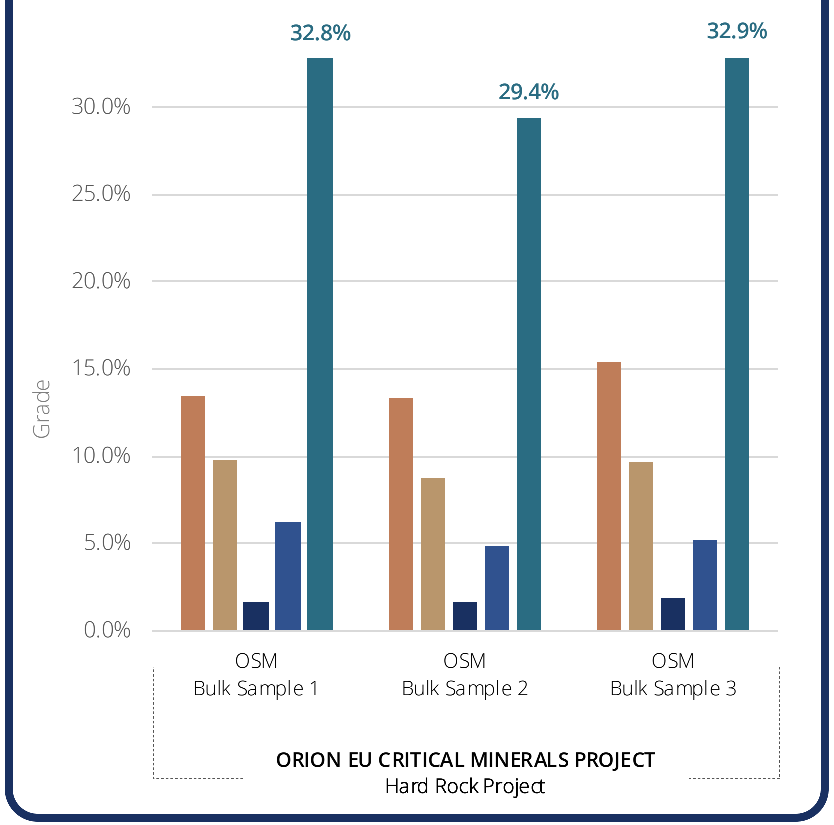
Differentiated project has high-value rutile, zircon, hafnium and magnetic rare earths

Select Modals and Assay Results from Bulk Samples*						Pricing
Element	Mineral	Unit	Sample 1	Sample 2	Sample 3	Spot Price – 28 Oct 25 (source: metals.com)
Titanium	TiO_2	%	15.16%	14.04%	15.84%	
	Rutile	%	13.49%	13.36%	15.35%	$1,885/t
	Ilmenite	%	6.19%	4.82%	5.14%	$522/t
Zirconium	ZrO_2	%	5.57%	5.07%	5.65%	
	Zircon	%	9.79%	8.77%	9.64%	$1,659/t
Rare Earths	Monazite	%	1.62%	1.56%	1.77%	
	Allanite	%	0.24%	0.02%	0.04%	
	Xenotime	%	0.04%	0.03%	0.04%	
	TREO%***	%	1.18%	1.07%	1.17%	
Heavy Minerals**		**%**	**32.8%**	**29.4%**	**32.9%**	
Element	Oxides	Unit	Sample 1	Sample 2	Sample 3	
Hafnium	HfO_2	ppm	1,204	1,178	1,295	$5,080,400/t#
Lanthanum	La_2O_3	ppm	2,154	1,964	2,113	
Cerium	CeO_2	ppm	5,305	4,815	5,270	
Praseodymium	Pr_6O_{11}	ppm	575	520	568	$68,641/t
Neodymium	Nd_2O_3	ppm	2,049	1,858	2,039	$68,331/t
Samarium	Sm_2O_3	ppm	366	331	364	
Terbium	Tb_4O_7	ppm	33	30	33	$817/kg
Dysprosium	Dy_2O_3	ppm	155	142	154	$191/kg
Ytterbium	Yb_2O_3	ppm	79	72	77	
Yttrium	Y_2O_3	ppm	689	628	684	

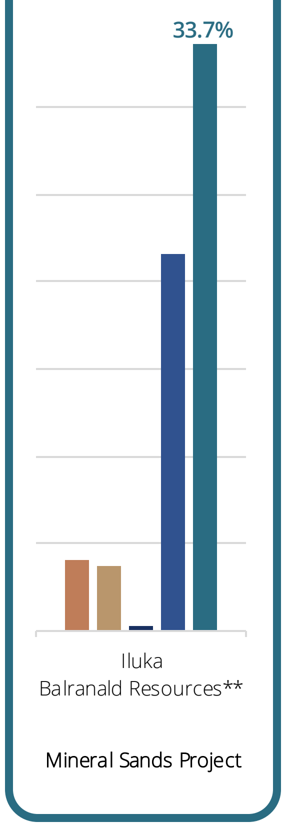
* Refer ASX Release dated 6 September 2024. ** THM includes other minor minerals.
*** TREO: Total Rare Earth Oxides - Y_2O_3, La_2O_3, CeO_2, Pr_6O_{11}, Nd_2O_3, Sm_2O_3, Eu_2O_3, Gd_2O_3, Tb_4O_7, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3 # n.b. metals price not representative of likely concentrate sales price.

3. High-Grade and Value Potential

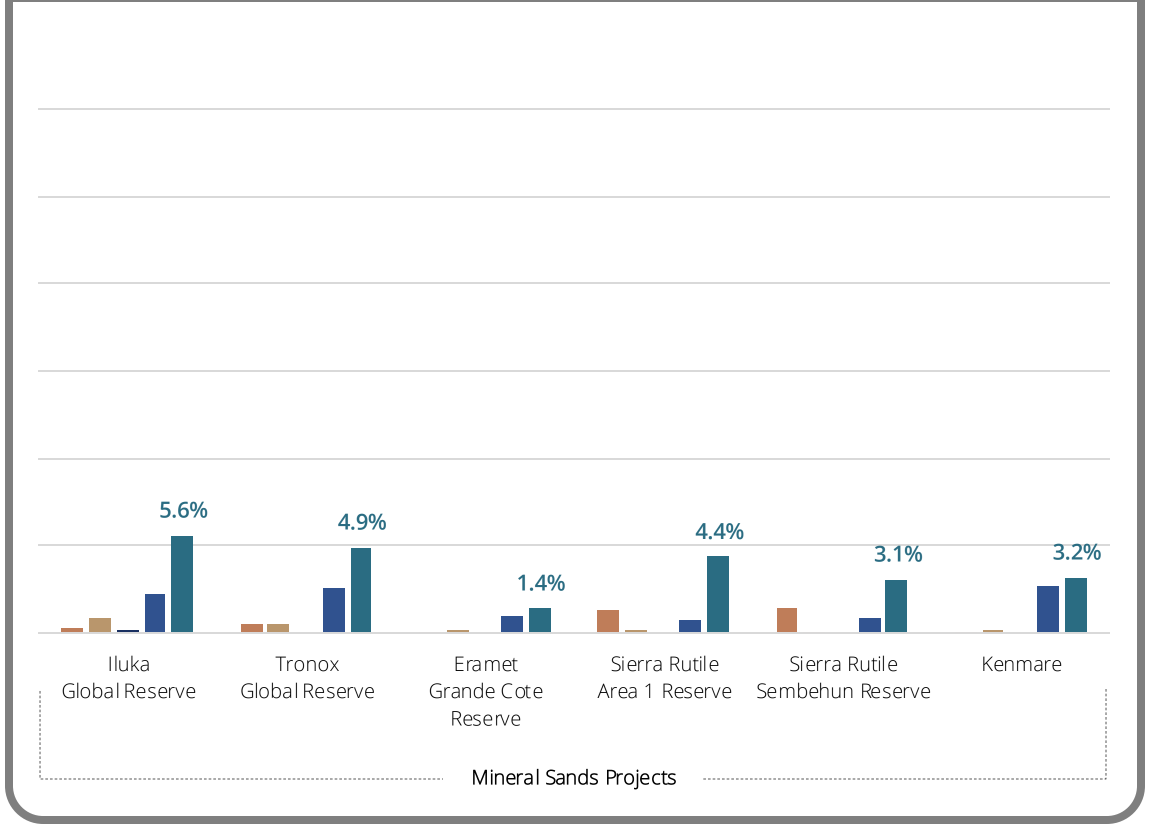
Potential for unrivalled in-situ grade and THM assemblage*



Rutile Rich Project**



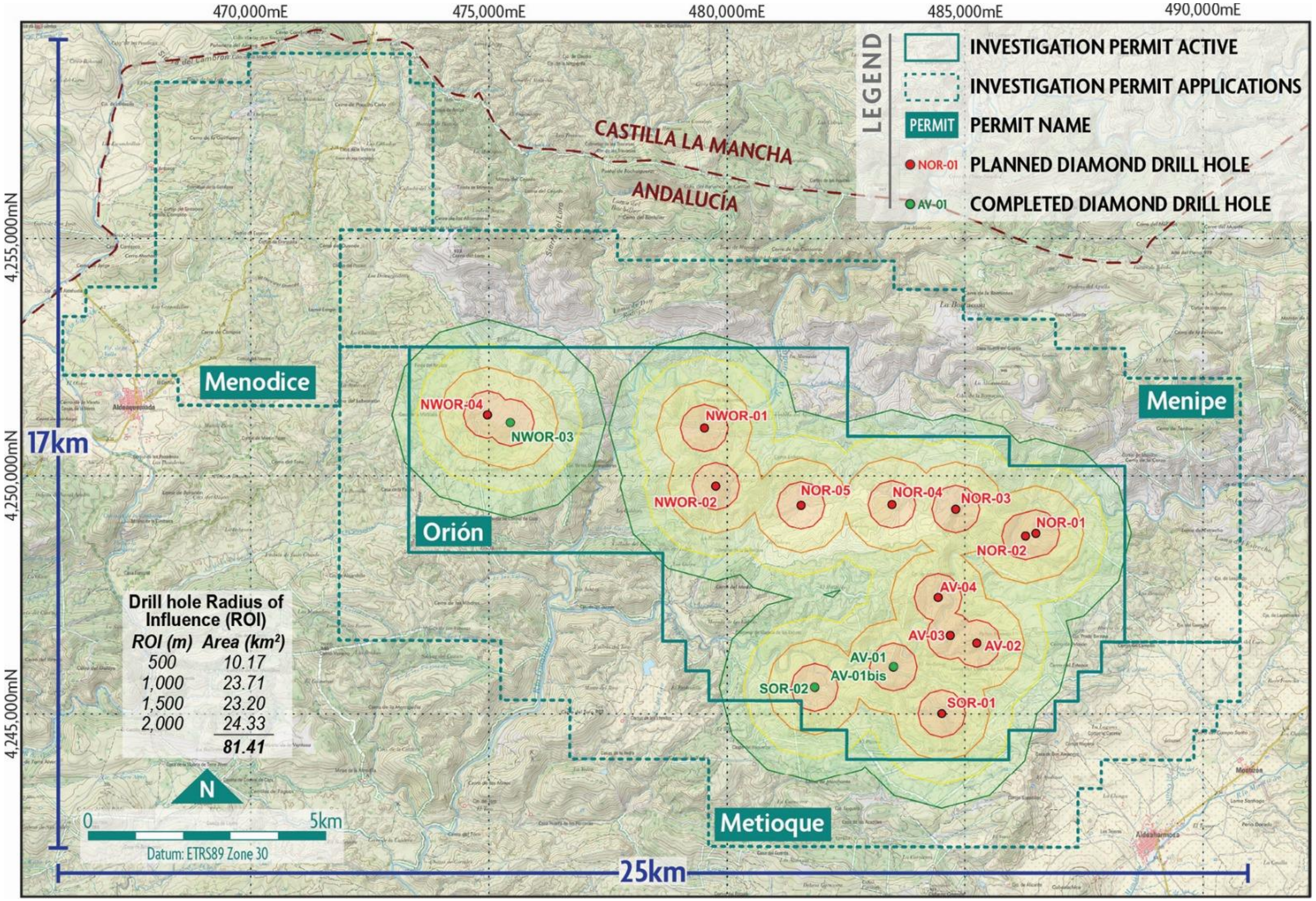
Producers



Rutile | Zircon | Monazite | Ilmenite | THM (Total Heavy Metals)***

* Refer to results in ASX Release dated 15 October 2025 (table 3)
** Balranald is Iluka's "Rutile Rich" project https://www.iluka.com/operations-resource-development/resource-development/balranald
*** THM includes other minor minerals

4. High-Tonnage Potential



Map of Orion Project showing distances from East to West and North to South, and the location of initial 15 drill hole campaign and indicative potential for ROI / km^2

5. EU Critical Minerals

EU focus on Critical Raw Materials likely to fast-track development, financing and production

Strategic Raw Materials
bauxite/alumina/aluminium
bismuth
boron - metallurgy grade
cobalt
copper
gallium
germanium
lithium - battery grade
magnesium metal
manganese - battery grade
graphite - battery grade
nickel - battery grade
platinum group metals
rare earth elements for permanent magnets (Nd,Pr,Tb,Dy,Sm)
silicon metal
titanium metal
tungsten

Critical Raw Materials	
antimony	light rare earth elements
arsenic	lithium
bauxite/alumina/aluminium	magnesium
baryte	manganese
beryllium	graphite
bismuth	nickel - battery grade
boron	niobium
cobalt	phosphate rock
coking coal	phosphorus
copper	platinum group metals
feldspar	scandium
fluorspar	silicon metal
gallium	strontium
germanium	tantalum
hafnium	titanium metal
helium	tungsten
heavy rare earth elements	vanadium

Source: EUR-LEX - Document 32024R1252
Regulation (EU) 2024/1252 of the European Parliament and of the Council of 11 April 2024 establishing a framework for ensuring a secure and sustainable supply of critical raw materials and amending Regulations (EU) No 168/2013, (EU) 2018/858, (EU) 2018/1724 and (EU) 2019/1020. Text with EEA relevance.

5. EU Critical Minerals

EU Critical Raw Materials Act framework will underpin key support for Osmond's Spanish project

The Orion Critical Minerals Project has the potential to help the EU to meet its 2030 Extraction Goals

Nil or Negligible Extraction in the EU of these *Critical Materials*

100% Import Reliance

- **TITANIUM**
- **ZIRCON**
- **HAFNIUM**
- **LIGHT RARE EARTHS**
- **HEAVY RARE EARTHS**

OSMOND RESOURCES

EU Critical Raw Materials Act	
EXTRACTION	**At least 10% of annual EU consumption from domestic extraction**
REFINING	At least 40% of domestic processing
RECYCLING	At least 25% of domestic recycling
NON EU SUPPLY	No more than 65% of annual EU consumption imported from a single non-EU country
PERMITTING	No more than 27 months for extraction projects

Source: EUR-LEX - Document 32024R1252 / Regulation (EU) 2024/1252 of the European Parliament and of the Council of 11 April 2024 establishing a framework for ensuring a secure and sustainable supply of critical raw materials and amending Regulations (EU) No 168/2013, (EU) 2018/858, (EU) 2018/1724 and (EU) 2019/1020. Text with EEA relevance.
n.b. Extraction view based on information from Solutions for Critical Raw Materials - a European Expert Network (SCRREEN), Company data and estimates.

6. Spain's Mining Province: Andalusia

Major Mining Operations in Andalusia, Spain

- Andalusia's Iberian Pyrite Belt has been mined since ancient Roman times, making it one of the oldest and richest mining regions in Europe.
- Andalusia is Spain's leading mining region and one of the major copper-producing areas in Europe, with significant activity in the Iberian Pyrite Belt.
- Key active mines include Cobre Las Cruces, Rio Tinto (Atalaya Mining), and the MATSA mines (Aguas Teñidas, Magdalena, and Sotiel).
- Spain had over 2,600 active mines and quarries as of 2023.
- The Andalusia region has the highest concentration, with nearly 500 active mines.

7. Future Facing Technologies

Future facing technology demand drivers

	Space Tech	Drones	Robotics	3D Printing	Aerospace	Computing
Ti TITANIUM	○	○	○	○	○	○
Zr ZIRCONIUM	○		○	○	○	○
Hf HAFNIUM	○		○			○
Si SILICON	○	○	○	○	○	○
REE (60 Nd, 59 Pr, 62 Sm, 64 Gd, 65 Tb, 66 Dy, 71 Lu, 39 Y)	○	○	○		○	○

Humanoids, Robots and High-Tech Electronics

- Titanium alloy important in robotics for strength, low weight, and corrosion resistance
- Hafnium and rare earths are vital for semiconductors and advanced computing

Defence & Aerospace

- Titanium, zirconium, and rare earths provide strength, heat resistance, and precision for aircraft, satellites, and defence systems

Renewable Energy

- Rare earth magnets drive wind turbine generators

Electric Mobility

- Rare earths (Nd, Pr, Dy, Tb) enable high-performance EV motors

8. Milestones

Key Milestones to drive shareholder value

1. Geological Mapping — Complete
2. Establish Drill Targets — Complete
3. Permit Awarded — Complete
   - Orión Permit Awarded
4. Initial Drilling — Commenced
   - Maiden Drilling Program commenced Q3, to confirm continuity and grade of mineralisation across all three zones.
5. Resource Drilling
6. Scoping Study
7. EU Critical Project Status
8. Enhanced Studies
9. Mining and Permit Application

9. Summary

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Uniquely positioned with possibility for THREE ECONOMIC MINERALS

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Appendix 1 - High-Value Potential

150kg Bulk Sample results show unrivalled THM assemblage – multiple times higher than peer average

Select Modals and Oxides from 150kg Bulk Sample Results*

	Sample 1	Sample 2	Sample 3
Style:	*Hard rock (lithified min. sands)*		
Insitu grade			
Rutile	13.49%	13.36%	15.35%
Leucoxene	-	-	-
Ilmenite	6.19%	4.82%	5.14%
Zircon	9.79%	8.77%	9.64%
Mz+Xn	1.66%	1.59%	1.81%
Total Heavy Mineral (THM)**			
THM	32.8%	29.4%	32.9%
THM Assemblage			
Rutile	41.1%	45.4%	46.6%
Leucoxene			
Ilmenite	18.9%	16.4%	15.6%
Zircon	29.8%	29.8%	29.3%
Mz+Xn	5.1%	5.4%	5.5%

HIGH VALUE

Company	Iluka		Tronox[3]	Eramet[4]	Sierra Rutile[5]		Kenmare[6]
Location	Balranald[1]	Global[2]	Global	Grande Côte	Area 1	Sembehun	
Category	Resource	Reserve	Reserve	Reserve	Reserve	Reserve	
Style:	*Min. sand*	*Min. sand*	*Min. sand*	*Min. sand*	*Min. sand*	*Min. sand*	*Min. sand*
Insitu grade							
Rutile	3.7%	0.3%	0.5%	0.04%	1.34%	1.46%	0.06%
Leucoxene	-	-		0.05%	-	-	-
Ilmenite	19.7%	2.2%	2.6%	1.03%	0.75%	0.91%	2.67%
Zircon	3.4%	0.9%	0.5%	0.15%	0.13%	0.11%	0.17%
Mz+Xn	0.3%	0.2%	-	-	-	-	-
Total Heavy Mineral (THM)							
THM	31.2%	5.6%	4.9%	1.43%	4.36%	3.08%	3.2%
THM Assemblage							
Rutile	12.0%	5.0%	9.8%	2.5%	30.7%	47.4%	1.9%
Leucoxene	-	-		3.2%	-	-	-
Ilmenite	63.0%	40.0%	53.5%	72.0%	17.2%	29.5%	83.3%
Zircon	11.0%	16.0%	10.3%	10.7%	3.0%	3.6%	5.3%
Mz+Xn[7]	0.9%	2.7%	-	-	-	-	-

1 ILU Mineral Resources ASX release dated 31 Dec 2024
2 ILU ASX release dated 19 Feb 2025
3 TROX NYSE release dated 12 Feb 2025
4 ERA 2023 Annual Financial Report, release dated 9 Apr 2024; Assumed THM assemblage from MDL MRE update dated 19 Feb 2018
5 SRX ASX release dated 24 Mar 2023
6 KMR 2023 Annual Report dated 4 Apr 2024
7 Mx+Xn = monazite + xenotime

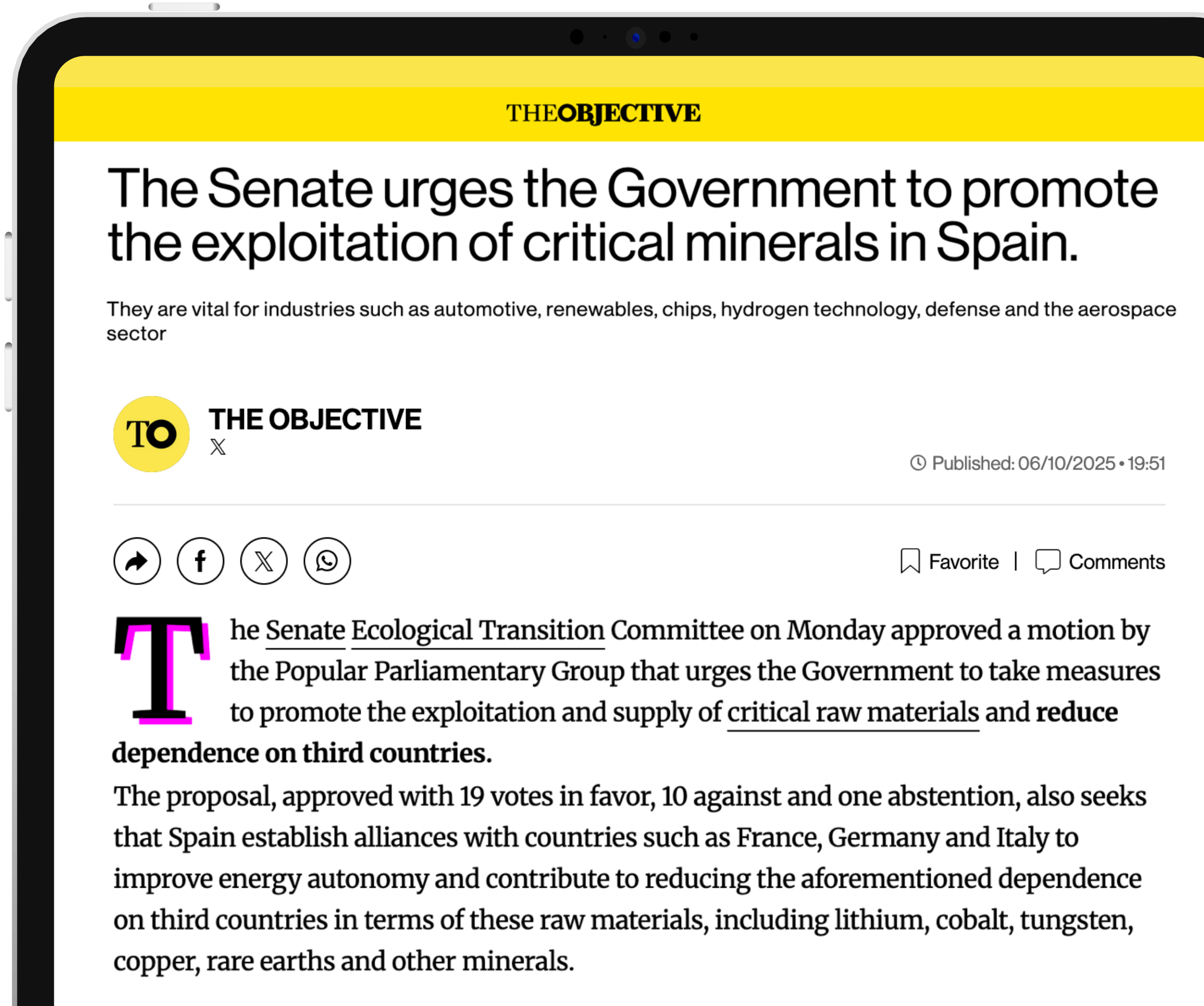
*Refer ASX Release dated 23 April 2025
** THM includes other minor minerals.

Appendix 2 - Spain 2025–29 Mineral Strategy

Strategic Priorities for Sustainable Mineral Exploration and Resource Recovery

- Targeting high-value critical minerals to strengthen European resilience and reduce reliance on imports
  - Rare earths and other strategic resources
  - Supports Europe's clean energy and technology goals
- Advancing Spain's sustainable mineral strategy with a focus on exploration and processing opportunities
- €400 million fund allocated for soil and mining rehabilitation supporting resource recovery
  - Funding for equipment, technology and operational costs for resource recovery
- Embedding circular economy principles to recover metals from landfills, tailings and industrial waste
- Streamlining approvals through collaboration with regional and national authorities, including single-point-of-contact permitting.

Spain is in the midst of a Critical Minerals Push


THEOBJECTIVE

The Senate urges the Government to promote the exploitation of critical minerals in Spain.

They are vital for industries such as automotive, renewables, chips, hydrogen technology, defense and the aerospace sector

TO THE OBJECTIVE

Published: 06/10/2025 • 19:51

Favorite | Comments

The Senate Ecological Transition Committee on Monday approved a motion by the Popular Parliamentary Group that urges the Government to take measures to promote the exploitation and supply of critical raw materials and **reduce dependence on third countries.**

The proposal, approved with 19 votes in favor, 10 against and one abstention, also seeks that Spain establish alliances with countries such as France, Germany and Italy to improve energy autonomy and contribute to reducing the aforementioned dependence on third countries in terms of these raw materials, including lithium, cobalt, tungsten, copper, rare earths and other minerals.

Source: https://theobjective.com/espana/2025-10-06/senado-gobierno-minerales-criticos-espana/

Appendix 3 – Location Pictures

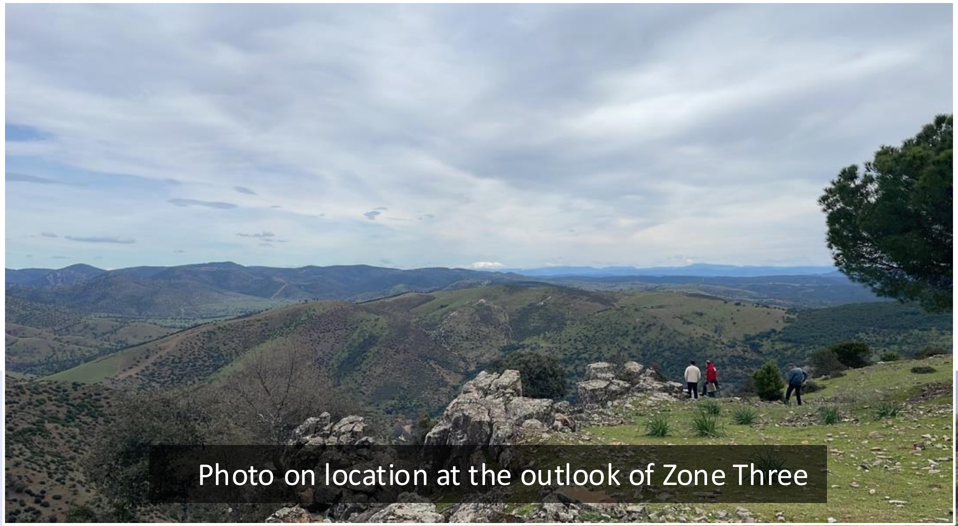


Photo on location at the outlook of Zone Three


Mineralised Seam Outcrops from Zone Three

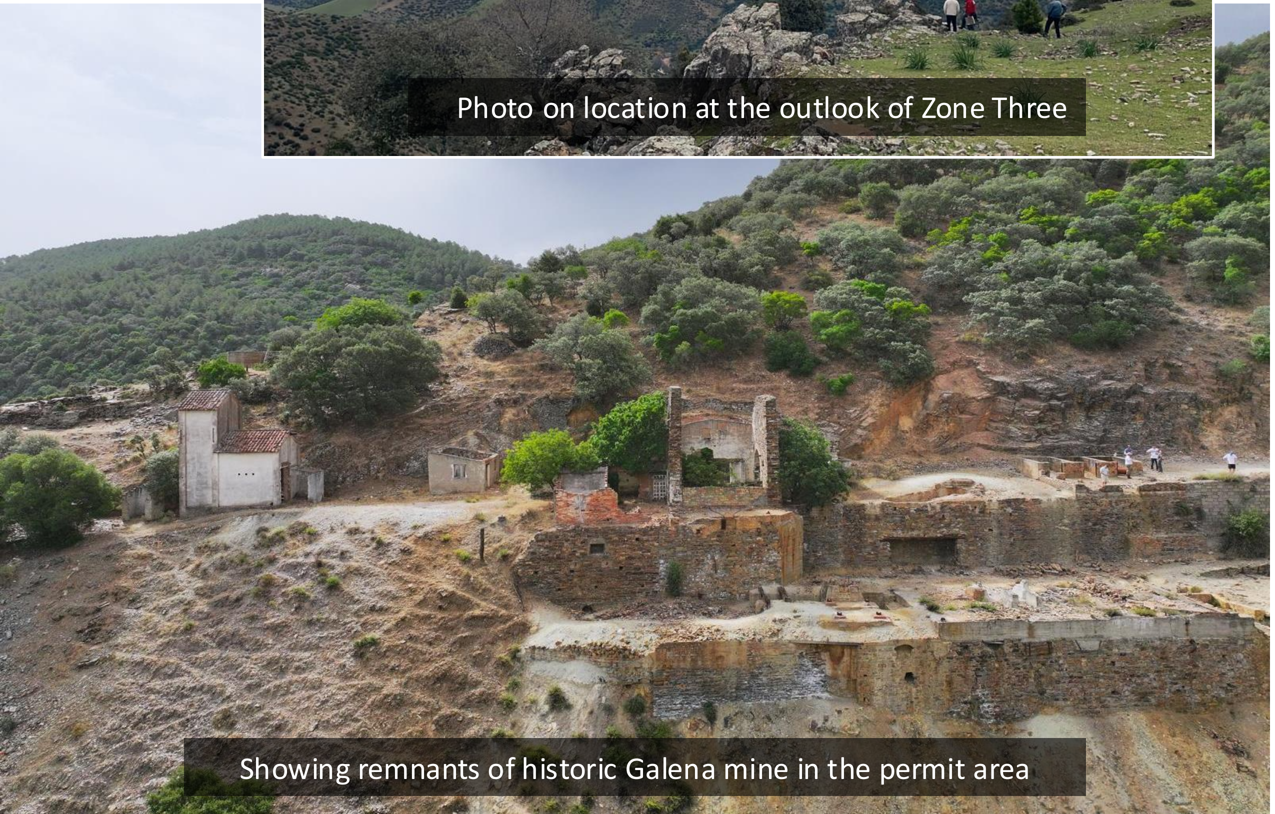

Showing remnants of historic Galena mine in the permit area


Photo showing the large scale of Outcrops

Appendix 4 – Balranald Project MRE

Iluka Balranald Mineral Resource Estimate (MRE)

MURRAY BASIN MINERAL RESOURCE BREAKDOWN BY DISTRICT, DEPOSIT AND JORC CATEGORY AT 31 DECEMBER 2024													
Summary of Mineral Resources for Murray Basin(1,3,6,7,8)				2024	2023	Diff	2024		HM Assemblage(4)				
District	Deposit	Mineral Resource Category(2)	Material Tonnes Mt	In Situ HMTonnes Mt	In Situ HMTonnes Mt	In Situ HMTonnes Mt	HM Grade (%)	Clay Grade (%)	Ilmenite Grade (%)	Zircon Grade (%)	Rutile Grade (%)	(M+X)(5) Grade (%)	Comments on Change of Resource
Balranald	Endeavour	Inferred	7.6	1.9	1.9	-	25.5	2	58	9	13	0.7	No Change
	Nepean	Indicated	8.4	2.3	2.3	-	27.5	4	60	14	15	1.1	No Change
		Inferred	0.8	0.1	0.1	-	11.2	7	57	15	14	1.2	No Change
	West Balranald	Measured	5.9	2.6	2.6	(0.0)	43.9	8	64	12	13	0.9	Updated model
		Indicated	26.3	8.6	8.6	0.0	32.7	6	64	11	12	0.9	Updated model
		Inferred	4.5	1.2	1.2	-	26.2	6	62	8	9	0.4	No Change
Balranald	**Measured Total**		**6**	**2.6**	**2.6**	**(0.0)**	**43.9**	**8**	**64**	**12**	**13**	**0.9**	
Balranald	**Indicated Total**		**35**	**10.9**	**10.9**	**0.0**	**31.4**	**5**	**63**	**12**	**12**	**0.9**	
Balranald	**Inferred Total**		**13**	**3.2**	**3.2**	**-**	**24.9**	**4**	**60**	**9**	**12**	**0.6**	
Balranald	**Total**		**54**	**16.7**	**16.7**	**0.0**	**31.2**	**5**	**63**	**11**	**12**	**0.9**	

Source: Iluka Resources 6 February 2025 - Murray Basin Mineral Resource Breakdown By District, Deposit And JORC Category at 31 December 2024

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