



**Minco Exploration**

**Corporate Presentation  
March 2025**



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# Minco Exploration – At a Glance



History of Discovery of Zinc in Ireland



Geologically Favourable Licences with  
Drill-Ready Targets



Strategic Exploration Relationship  
with Boliden Tara Mines



Strong Shareholder Support



Experienced Management Team



# Minco's Historical Background

*"Minco Exploration is the successor to Minco plc, Ennex, and Northgate Exploration in Ireland"*

**Irish Base Metals  
Northgate Exploration  
1960 - 1980**

Discovered Tynagh,  
Gortdrum and Tara;  
established Irish Orefield

**Minco Ireland Limited  
1996**

Discovered Pallas Green in JV  
with Noranda/Xstrata Inc.

**Minco plc  
2017**

Curraghinalt Royalty Sold to Dalradian  
C\$29M

*Approximately C\$21.75M (75% of Total Transaction Value was distributed to the Minco plc shareholders upon closing).*



1



3



5



2



4



6

**Ennex International plc  
1984**

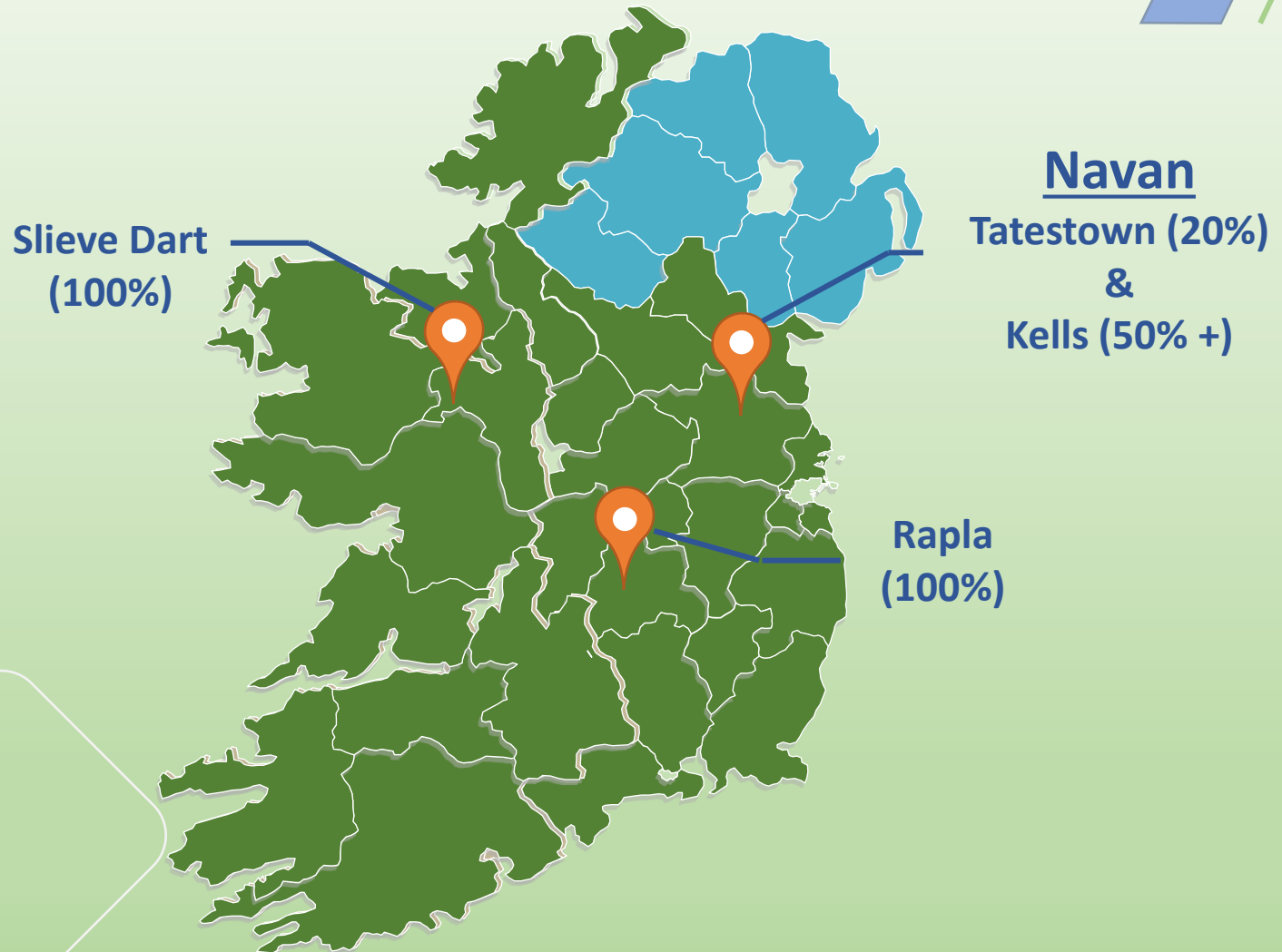
Discovered Curraghinalt Gold  
Deposit in Northern Ireland and  
Cononish in Scotland

**Minco Ireland Limited  
2011**

Pallas Green Sold to Xstrata  
US\$19.4M

**Minco Exploration plc  
2020**

# Minco Project Locations



# Rapla Drill-Ready Project

Minco Exploration plc

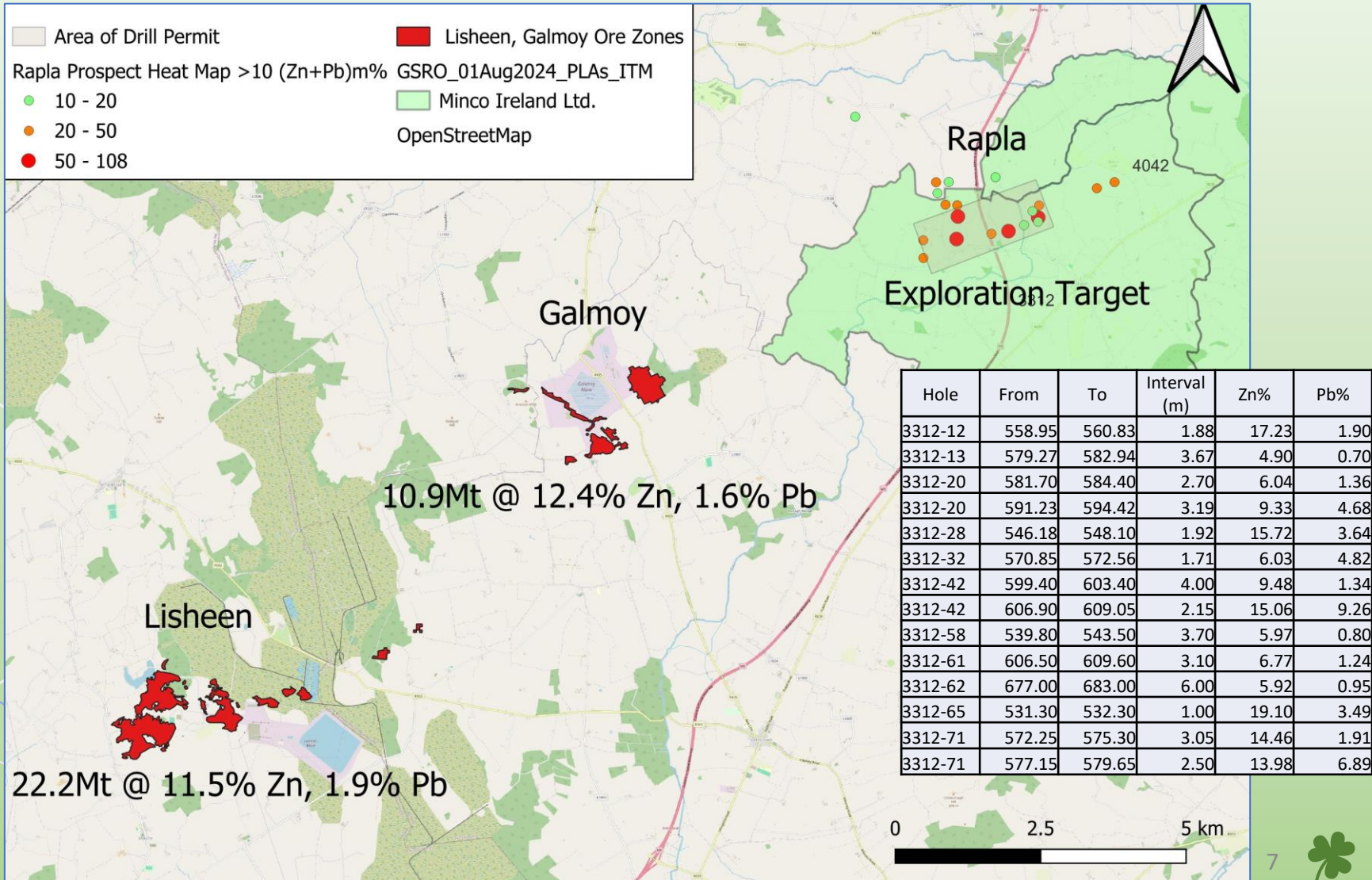
ISIF/Lionhead

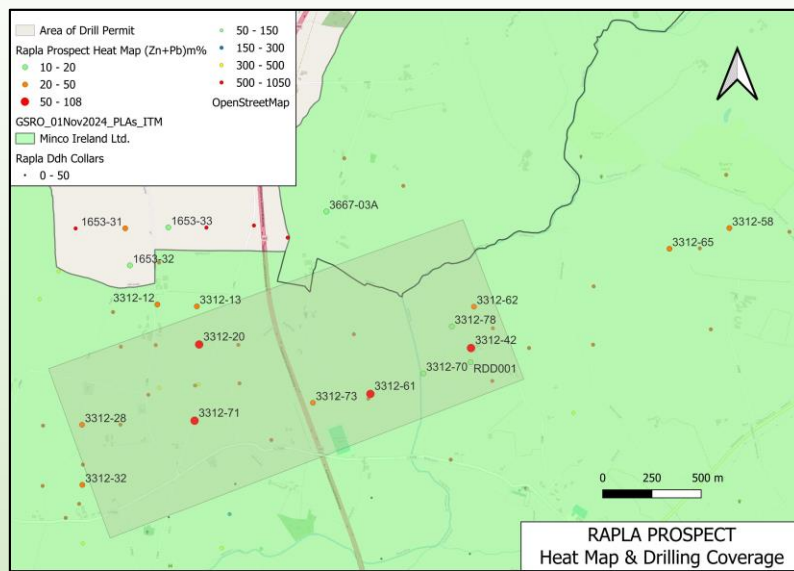
SAUTON  
No Entry  
Drill Site

Rapla Project	
Ownership	100% Minco
Stage	Advanced Exploration
Property Size	75.26 km <sup>2</sup>
Proposed Exploration	Drilling, PEA



# Rapla Drill-Ready Project (Minco 100%)





# Significant Intercepts



## Intercepts Cut-off 4% Zn, >1m

## Mineralized Envelope >20(Zn+Pb)m%

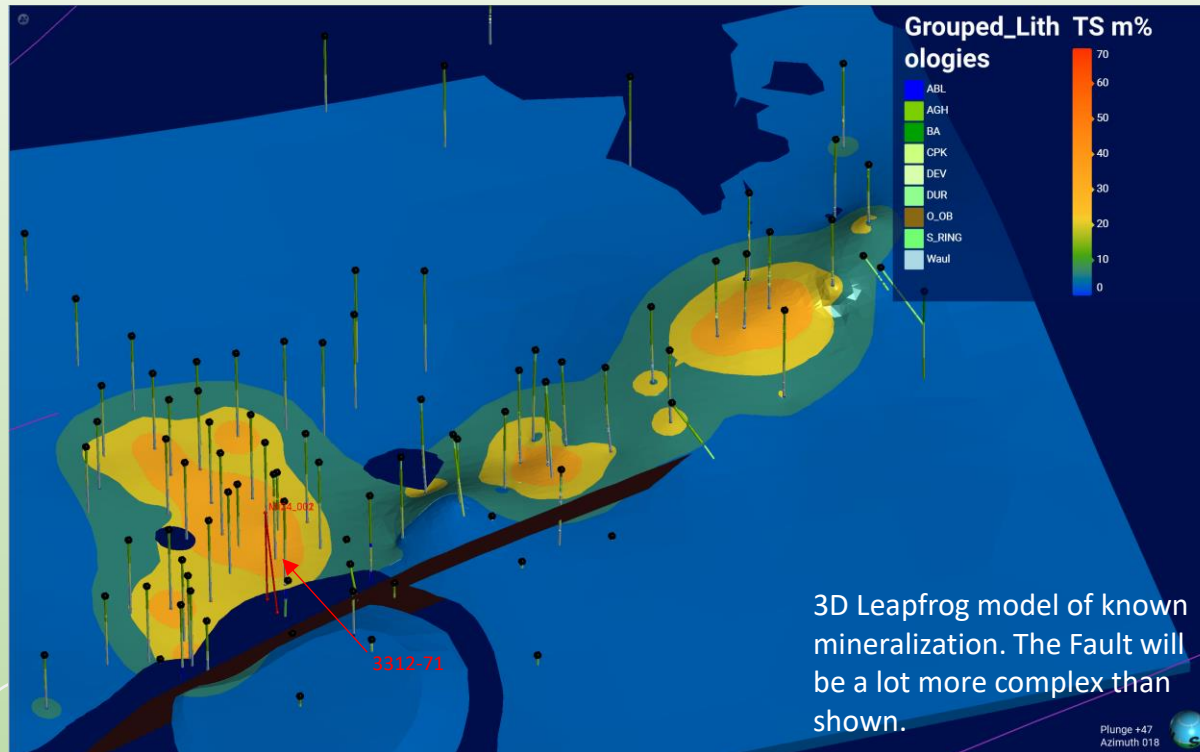
Hole	From	To	Interval (m)	Zn%	Pb%
3312-12	558.95	560.83	1.88	17.23	1.90
3312-13	579.27	582.94	3.67	4.90	0.70
3312-20	581.70	584.40	2.70	6.04	1.36
3312-20	591.23	594.42	3.19	9.33	4.68
3312-28	546.18	548.10	1.92	15.72	3.64
3312-32	570.85	572.56	1.71	6.03	4.82
3312-42	599.40	603.40	4.00	9.48	1.34
3312-42	606.90	609.05	2.15	15.06	9.26
3312-58	539.80	543.50	3.70	5.97	0.80
3312-61	606.50	609.60	3.10	6.77	1.24
3312-62	677.00	683.00	6.00	5.92	0.95
3312-65	531.30	532.30	1.00	19.10	3.49
3312-71	572.25	575.30	3.05	14.46	1.91
3312-71	577.15	579.65	2.50	13.98	6.89

Hole	From	To	Interval (m)	Zn%	Pb%
3312-12	558.95	563.00	4.05	7.70	0.90
3312-13	579.27	582.94	3.67	4.90	0.70
3312-20	581.00	594.40	13.40	4.00	1.50
3312-28	545.08	548.70	3.62	9.79	1.99
3312-32	567.50	572.60	5.10	4.00	2.30
3312-42	598.00	610.00	9.10	8.80	1.60
3312-58	539.30	543.50	4.20	5.60	0.70
3312-61	606.50	622.00	7.80	5.93	1.20
3312-62	649.40	684.20	9.60	4.10	0.07
3312-65	529.60	532.30	2.70	8.08	1.39
3312-71	572.25	579.65	7.40	11.34	3.25





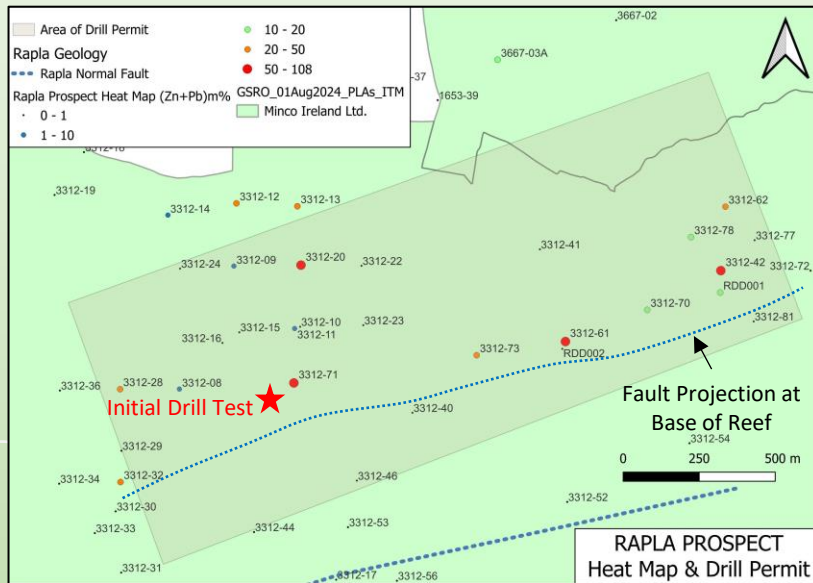
# Rapla Prospect: Leapfrog Model



- Located 15km and 6km north-east of Lisheen and Galmoy orebodies respectively;
- Drill defined mineralized footprint over 3.6km of strike, with grassroots potential in wider area;
- Waulsortian-hosted mineralisation (550-650m depth) indicated by wide-spaced drilling (150 – 700m) adjacent to Rapla Fault.
- Best intercept 7.4m @ 14.59% Zn+Pb in Ddh 3312-71 open over 600m to the south-west and to the east.



# Rapla Prospect: Drilling Plan

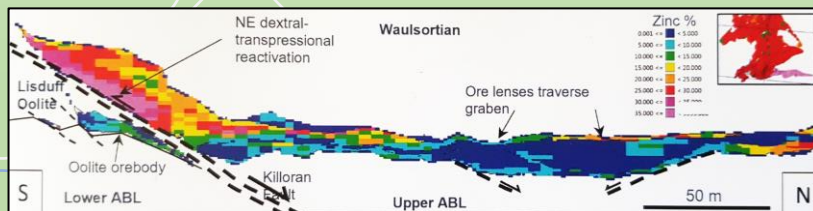


A Drilling Permit, allowing for up to 10 holes within a 2km<sup>2</sup> area around Ddh 3312-71 (7.4m @ 14.59% Zn+Pb) has been issued by GSRO. The Permit is valid until August 29<sup>th</sup> 2026.

The intention, in the first instance, is to site a vertical hole 100m to the south-west of 3312-71. Then, if warranted by results, to drop the mast 10<sup>0</sup>, angling to the south, to provide a second test circa 100m closer to the fault.

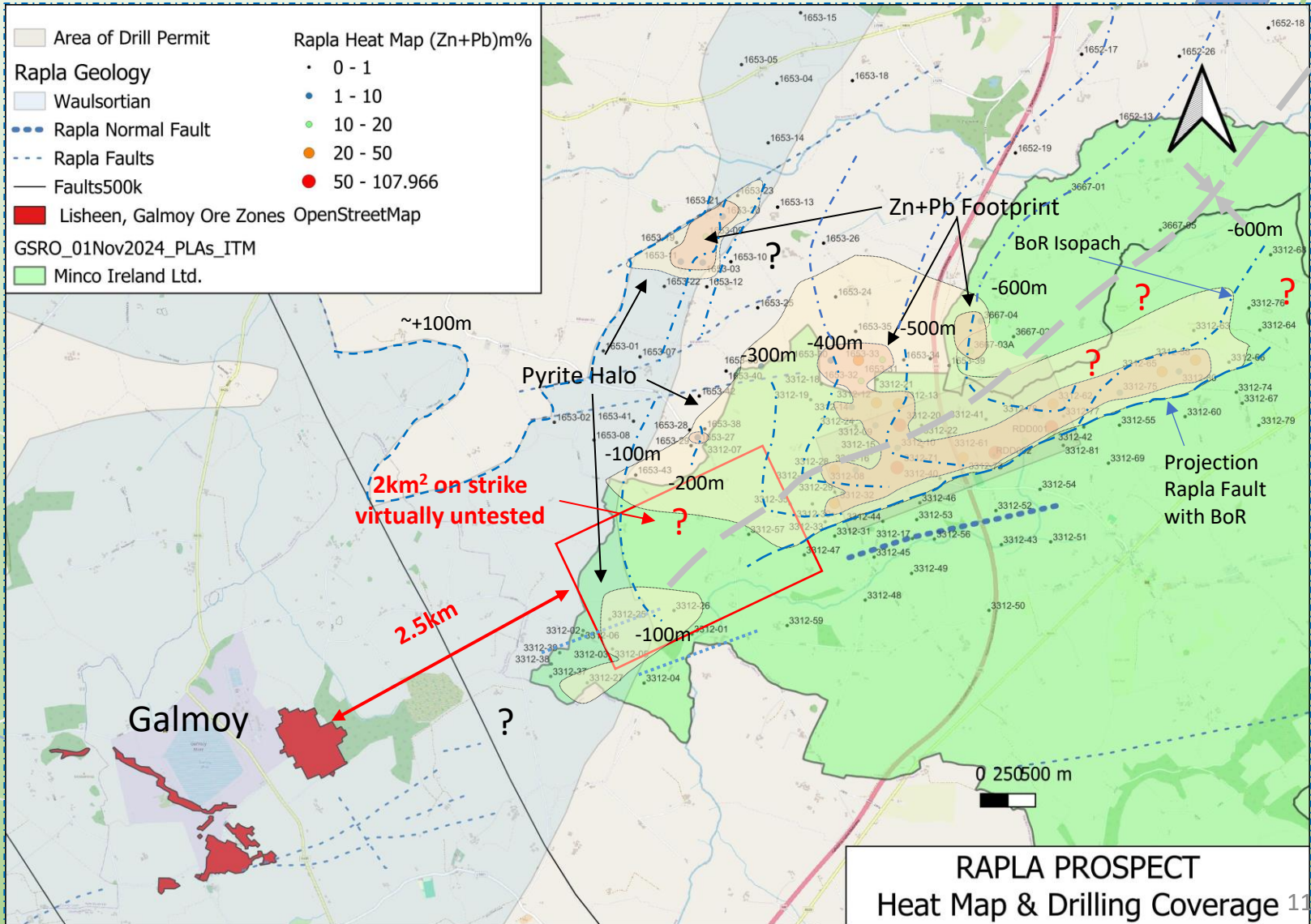
Siting of further drilling will be dictated by results and will be designed to provide the database to complete a PEA.

The importance of the fault, and its influence on grade – thickness, is illustrated by the cross-section from the Lisheen Main Zone



Ref: J. Güven, 2023

# Rapla Blue Sky



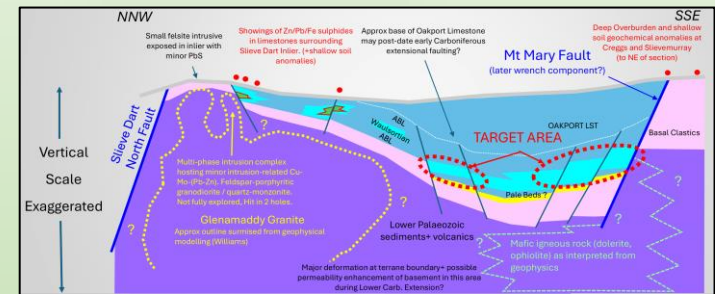
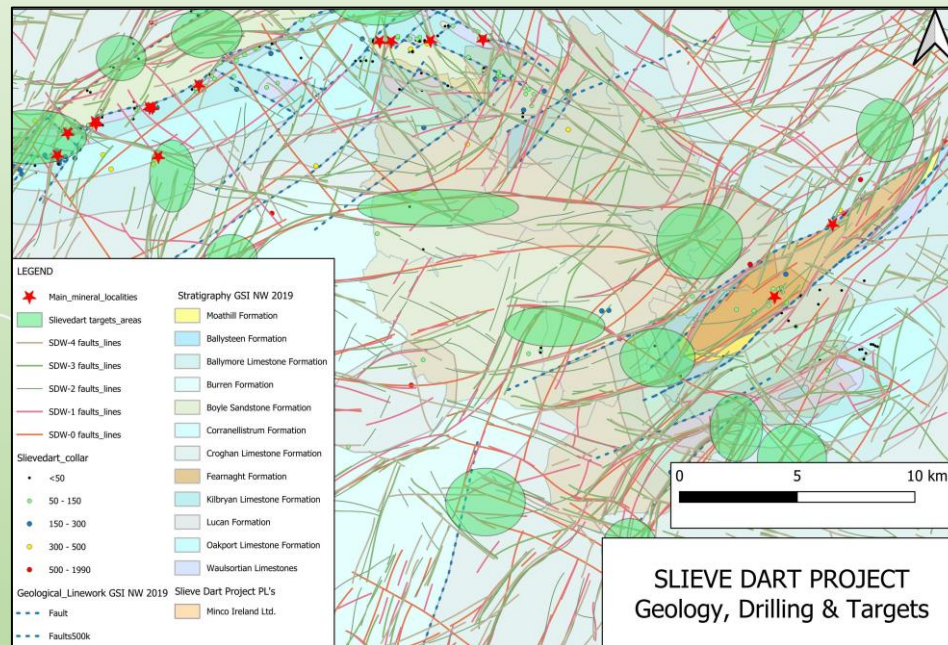
# Other Projects



# Slieve Dart Project



Slieve Dart Project	
Ownership	100% Minco, subject GSRO approval of title transfer
Stage	Grassroots Exploration
Property Size	271.6 km <sup>2</sup>
Current Exploration	Target testing



**Slieve Dart:** Rosmearan (1m @ 8.0% Zn+Pb); Sinking River (1.4m @ 5.2% Zn+Pb); Darrary North (0.75m @ 9.4% Zn+Pb); Ballymoney Bridge ( 1.0m @ 9.25% Zn+Pb); Gortnalea (0.6m @ 16.0% Zn+Pb); Cappagh (1.5m @ 3.95% Zn+Pb); Flaskagh More (1.5m @ 5.4% Zn); Cloonmaghaura (10m @ 1.4% Zn+Pb); Kilmore (15m @ 1.0% Pb); Polremon (0.6m Massive Py); Lisrivis (10m @ 50% Py).

Untested, blind, conceptual, targets spatially associated with basement penetrative structures defined by seismic, Tellus airborne magnetics and detailed gravity surveys down-dip from the Slieve Dart Fault.

Expenditure commitment of €175,000 over next 18 months to maintain title, of which €105,000 is already expended.



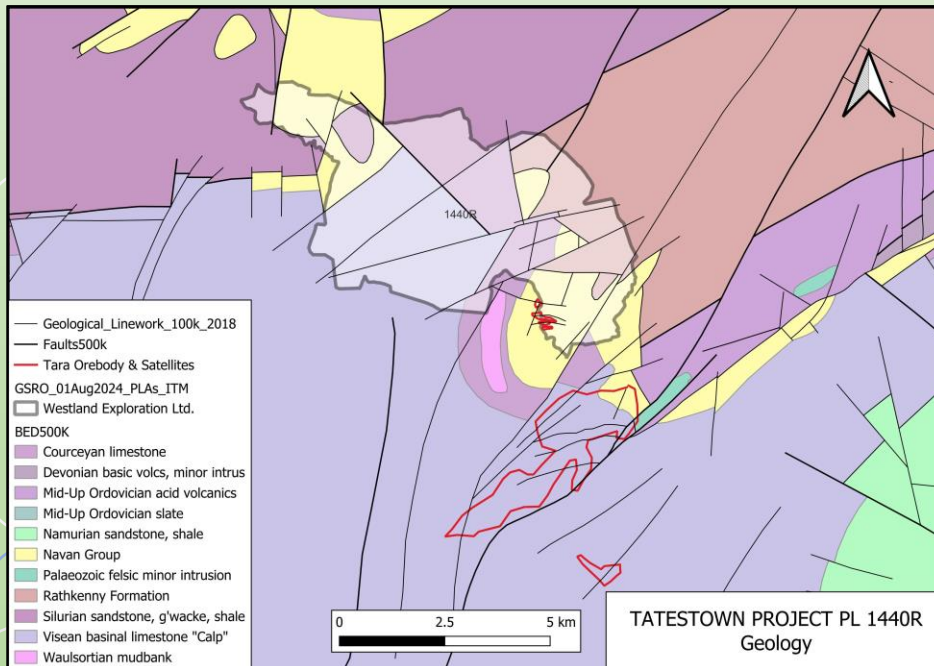
# Tatestown Project

Prospecting Licence 1440R. Expenditure commitment of €65,000 over next 2 years to maintain title



Tatestown Project	
Ownership	20% Minco; 80% Boliden
Stage	Advanced Exploration
Property Size	30.71 km <sup>2</sup>
Location	Adjacent to 159 Mt Tara Mine

- Proximal to World-class Tara Orebody (159.3 Mt @ 7.7% Zn, 1.7% Pb).
- Historic resource defined at Tatestown-Scallanstown in 1970's, estimated at 3.6 Mt @ 5.6% Zn, 3.2% Pb.
- Untested targets in similar structural setting as Tatestown present in the north-western part of the licence.
- Title in good standing
- Exploration programmes managed by Boliden.



# Kells Project

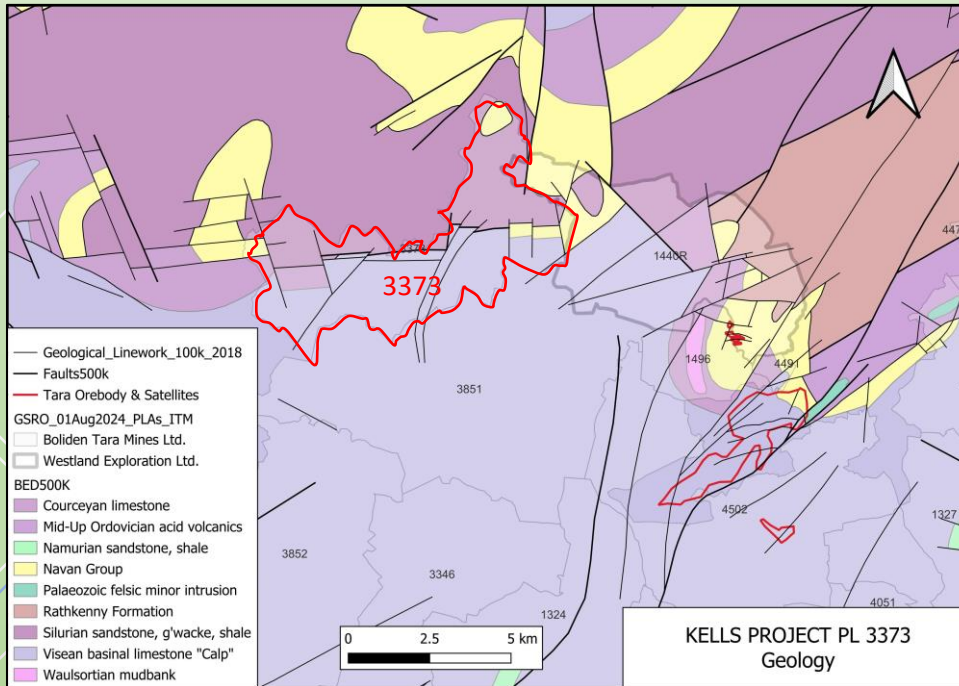
Prospecting Licence 3373.

Expenditure commitment of €65,000 over next 2 years to maintain title



Kells Property	
Ownership	Option to earn 75%: Minco 50%+; Boliden <sup>1</sup>
Stage	Advanced Exploration
Property Size	31.38 km
Location	Near the 159 Mt Tara Mine

<sup>1</sup> – Minco currently owns a 50% interest in PL 3373, and is in the process of earning a 75% interest through the additional expenditure of €46,991.



- Prospective stratigraphy is blind beneath 500m+ of cover rocks.
- Structural interpretation by Minco has identified untested targets within the same stratigraphic sequence as hosts the Tara Orebody, 15km to the east.
- Title in good standing.
- Exploration programmes managed by Boliden.



# Minco's Experienced Leadership Team

<p><b>John F. Kearney</b> <i>Chairman</i></p>	<p>John F. Kearney, Chairman, is a mining executive with over 45 years of experience in the mining industry. He has acted as a director or senior officer of numerous mineral ventures including Northgate Exploration, Buchans Resources, and Anglesey Mining. He holds degrees in law and economics from the University College Dublin and a Masters in Business Administration from Trinity College Dublin. He is a member of the Law Society of Ireland. He was Chairman of Minco plc until it was acquired in 2017.</p>
<p><b>Peter McParland</b> <i>Director &amp; CEO</i></p>	<p>Peter McParland is the founder and Managing Director of Quarry and Mining Equipment (QME) with over 40 years of experience in the Mining and Tunneling industries. QME is an International Mining Contractor, and a long-established Global Equipment Supplier of both new, and reconditioned, Mining and Tunneling Equipment. QME headquarters are in Navan, Ireland and also operate from offices in Toronto, Canada and Perth, Australia. Peter is also a Director of several other private companies, both in the base metals and medical fields, and was a Director of Minco plc until it was acquired in 2017.</p>
<p><b>John A. Clifford</b> <i>Director</i></p>	<p>John A. Clifford is a geologist with over 50 years of experience leading key growth initiatives in over 40 countries around the world. His experience includes discoveries in Argentina, Chile, Northern Ireland and Scotland and management of copper exploration projects in Europe, Central Asia and North America on behalf of Antofagasta Minerals SA. He holds an M. Sc. from London University, a Diploma in Mineral Exploration from the Royal School of Mines, Imperial College, London and a B. Sc in Geology from University College Cork. He is a member of the Irish Association for Economic Geology, a Senior Fellow of the Society of Economic Geology, and holds his P.Geol from the Institute of Geologists of Ireland and EurGeol from the European Federation of Geologists. He chairs the Technical Committee.</p>
<p><b>Patrick Downey</b> <i>Director</i></p>	<p>Patrick Downey is a Canadian chartered accountant and Institute of Corporate Directors Certified Director with over 30 years of experience in the mining industry. He has been a director, CEO and CFO of Toronto Stock Exchange and New York Stock Exchange listed companies, including Northgate Minerals Corp., The companies he has been associated with have been involved in numerous mining operations primarily involving gold and copper mines in Australia, Canada, Chile, Mexico and the USA. He is a member of the Audit Committee.</p>
<p><b>Garth Earls</b> <i>Director</i></p>	<p>Garth Earls is a Consulting Economic Geologist and Professor in the Department of Geology, University College Cork. He has been a Board Member and Managing Director of both AIM and TSX listed companies and has worked globally on a wide range of gold and base metal projects. In the 1980s he was part of the team that discovered the Curraghinalt gold deposit in Co. Tyrone and later, as the Managing Director of Dalradian Gold Limited, managed the \$20M exploration programme which increased the gold resource by 1.2M oz. He is a Director of Conroy Gold and Natural Resources and a former Director of the Geological Survey of Northern Ireland. He holds a B. Sc. (Hons) in Geology from the Queens University of Belfast, his P.Geol from the Institute of Geologists of Ireland and EurGeol from the European Federation of Geologists. He is a member of the Technical Committee.</p>
<p><b>Terence McKillen</b> <i>Director</i></p>	<p>Terence N. McKillen is a retired professional geologist with over 50 years of experience in the mining industry. He holds degrees in geology from the University of Dublin (Trinity College) and the University of Leicester. He is a lifetime honorary member of the Association of Professional Geoscientist of Ontario. Mr. McKillen is a director of Buchans Resources Limited and Conquest Resources Limited. He was Chief Executive of Minco PLC from 2007 until April 2013, leading the Minco technical team involved in the discovery of the Pallas Green zinc-lead deposit in Co. Limerick, Ireland. Mr. McKillen previously was Vice President Exploration for Northgate Exploration Limited and Westfield Minerals Limited, having started his career in Ireland as a geologist with Irish Base Metals Limited. He is a member of the Technical Committee.</p>
<p><b>Michael Power</b> <i>Director</i></p>	<p>Michael Power is a Chartered Financial Analyst and also a Professional Engineer registered in Ontario with over 50 years of experience in the mining industry in Canada and worldwide. Mr. Power is a director of Buchans Resources Limited, Canterra Minerals Corporation, Highrock Resources Ltd., and Minerex Drilling Contractors Limited. He was formerly Vice-President and Secretary of Moydow Mines International Inc., Vice-President of Corporate Development at Hemlo Gold Mines Ltd. and Noranda Mines. He is a member of the Audit Committee, and Chairman of the Remuneration Committee</p>



# Contact Us

## **Peter McParland**

*Chief Executive Officer*

Coolfore Road, QME  
Ardraccon,  
Navan, Co. Meath  
Ireland  
+353 46 907 9210

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## **John F. Kearney**

*Chairman*

181 University Avenue, Suite 1413  
Toronto, Canada  
M5J 2H7  
+1 (416) 362-6686

## **John A. Clifford**

*Director - Exploration*

Coolfore Road, QME  
Ardraccon,  
Navan, Co. Meath  
Ireland  
+353 87 957 3754

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[www.MincoExploration.com](http://www.MincoExploration.com)

[investors@MincoExploration.com](mailto:investors@MincoExploration.com)

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