

ASX Code: ZMI
November 2018



THE RIGHT COMMODITY IN THE RIGHT PLACE

Kildare Zinc Project – On the clear pathway to development

Building Blocks for Success

The Right Ingredients for Success

- **Existing Resource** of 5.2Mt @ 8.6% Zn+Pb; ultimate proof of concept
- **Scale** – Landholding of 250km²; Rathdowney Trend hosts other zinc mines (Lisheen, Galmoy)
- **Mineralisation Style** – “Irish Type” zinc mineralisation –thick, flat-lying, high-grade, multiple zones
- **Large mineralised system** – multiple phases of large volumes of mineralising fluids
- **Metallurgy** – typically favourable for “Irish Type” deposits; metallurgical testwork commenced
- **Jurisdiction** – Numerous mines have operated; good fundamentals for miners
- **100% Ownership** of all Projects including Kildare
- **Commodity Price** – ~ US\$2,500 per Zn tonne
- **Strong Board** – strengthened by appointment of two experienced mining executives in 2018
- **Cash position** - ~\$2.75m to advance exploration and development plans

Corporate overview (ASX code: ZMI)

Broad experience, track record & own 13% of ZMI

Richard Monti Non Executive Chairman

Corporate geologist with over 30 years experience in the international resource industry. Over 42 “director years” experience for 13 ASX and TSX listed companies.

Patrick Corr Executive Director

Corporate lawyer with considerable legal and management experience with private, public and ASX listed companies.

Julian Barnes Non Executive Director

Geologist with extensive experience in major exploration and development projects. Previously, he was Executive Vice President Dundee Precious Metals, founded and led Resource Service Group which ultimately became RSG Global then sold to Coffey Mining.

Thomas Corr Non Executive Director

10 years’ experience in the finance and resource sectors in both Australia and Europe. Resides in Ireland.

NB: Peter van der Borgh has resigned effective 30 November 2018

Corporate Snapshot

Shares
1,945M

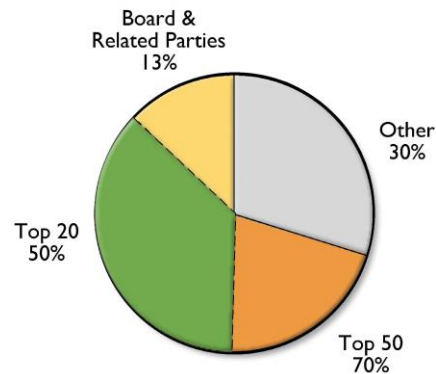
Market Cap
~A\$10M

Options
1,600M
(ex prices from
1.5c to 6c)

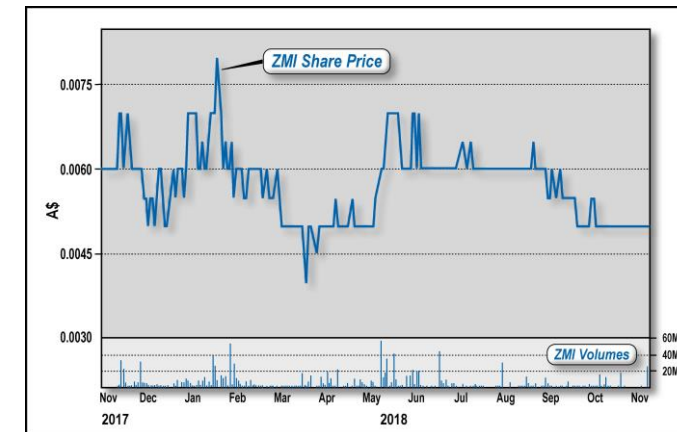
Cash at Bank
~A\$2.75M

Ave Volume
~5.7M Shares

Shareholder Breakdown



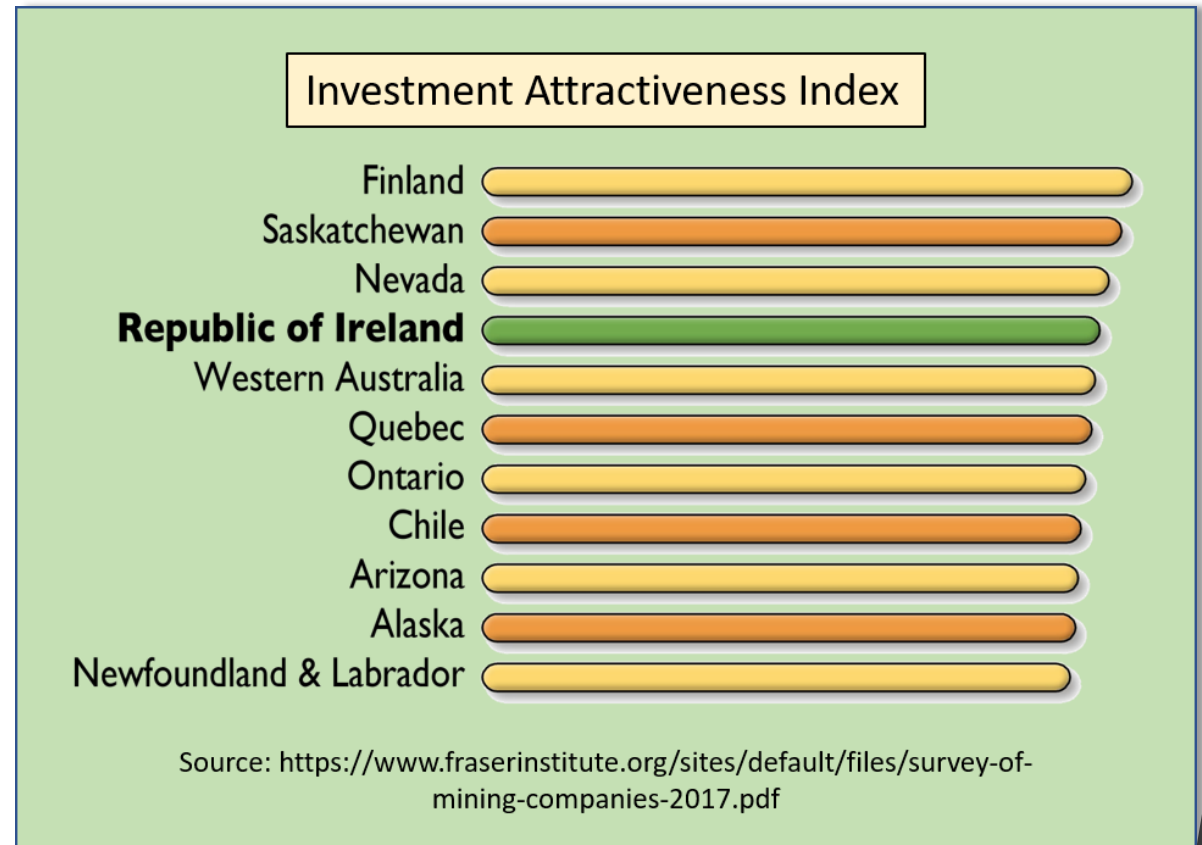
YTD Share Price Chart



Ireland, a Place Where Zinc Mines can be Built

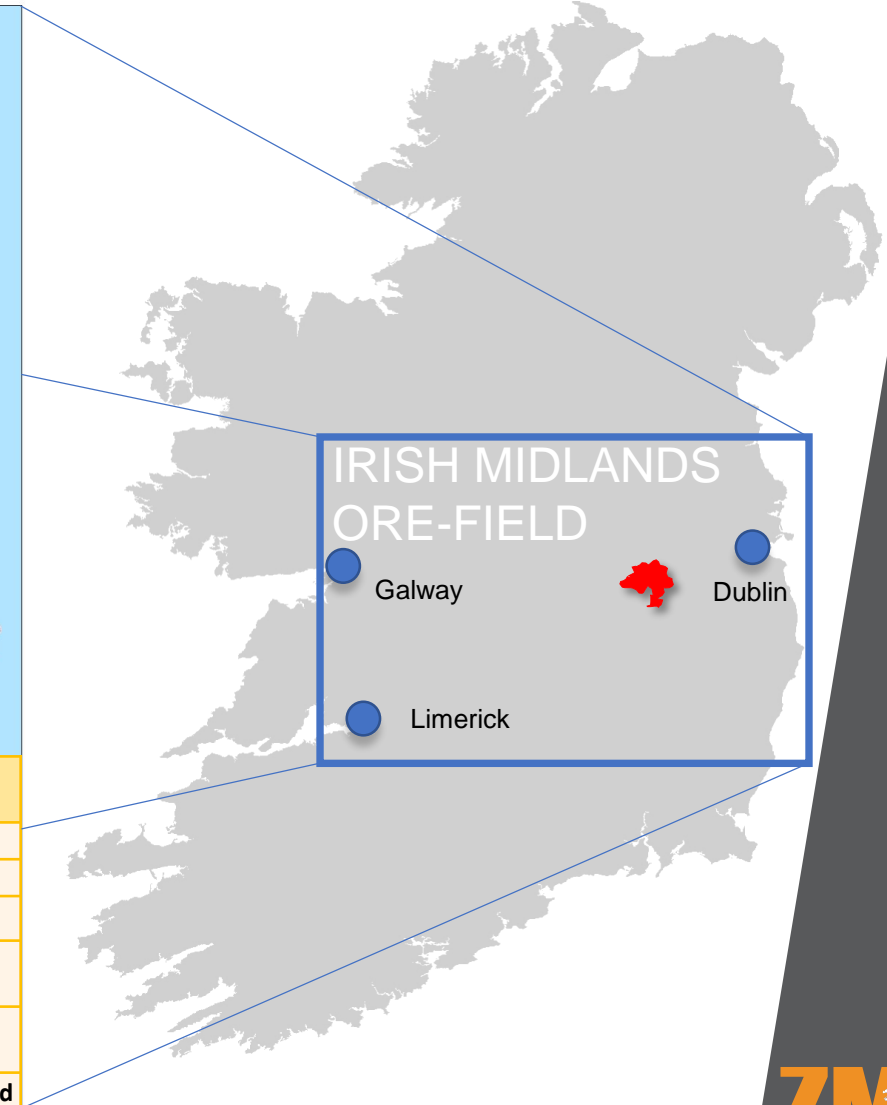
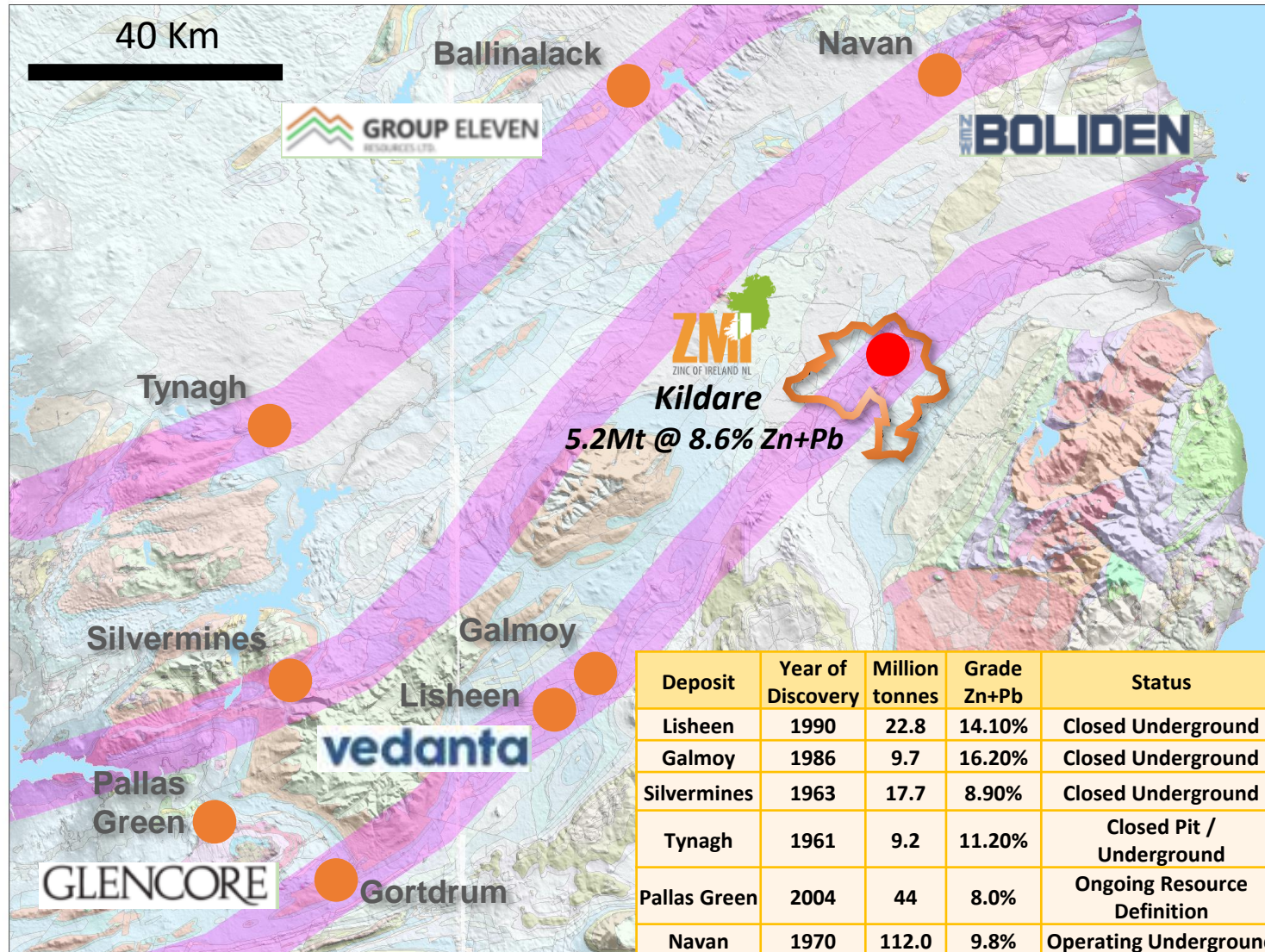
A strong history of zinc mining continuing into the present

- Home to large, high-grade zinc mines
 - *Navan, Lisheen, Galmoy, Tynagh & more*
- Low political risk, mining friendly
- Cheap grid power, mains water
- Roads/railways/ports
- Skilled workforce, no FIFO
- Numerous smelters within Europe
- Favourable fiscal regime (Corporate Tax = 12.5% transaction, 25% production, royalty examples: Lisheen 1.5-3.5%; Galmoy 1.5-2.25%)



Ireland, Home of Zinc Mining

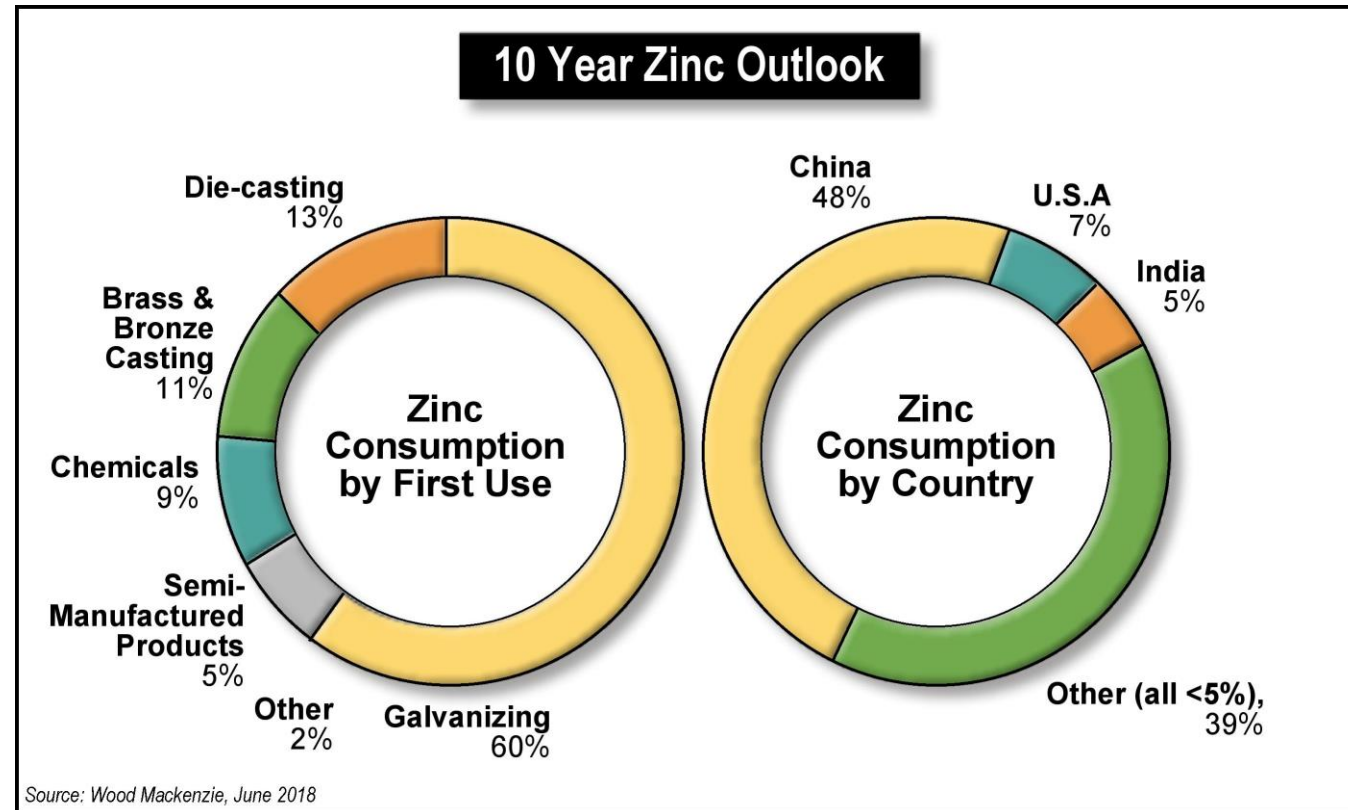
Ranked first in the world in terms of zinc discovered per square metre



Zinc, the World's Fourth Most Consumed Metal

Demand Fundamentals Remain Strong – 10 Year Outlook

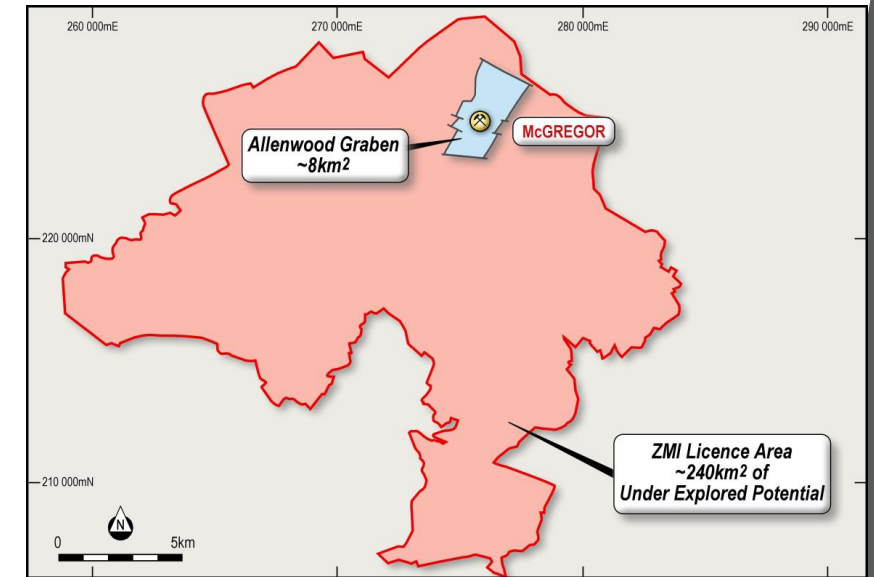
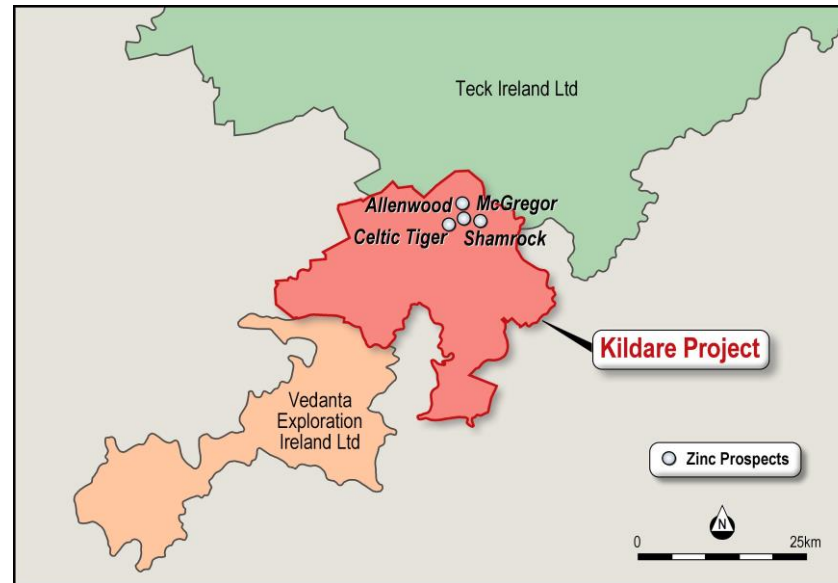
- Global demand forecast to grow by 2% annually
- Consumption dominated by China and growing living standards
- 2028 consumption forecast – 17.5Mt of zinc metal
- 287,000t additional metal per annum required to meet demand



Kildare Project (100% ZMI)

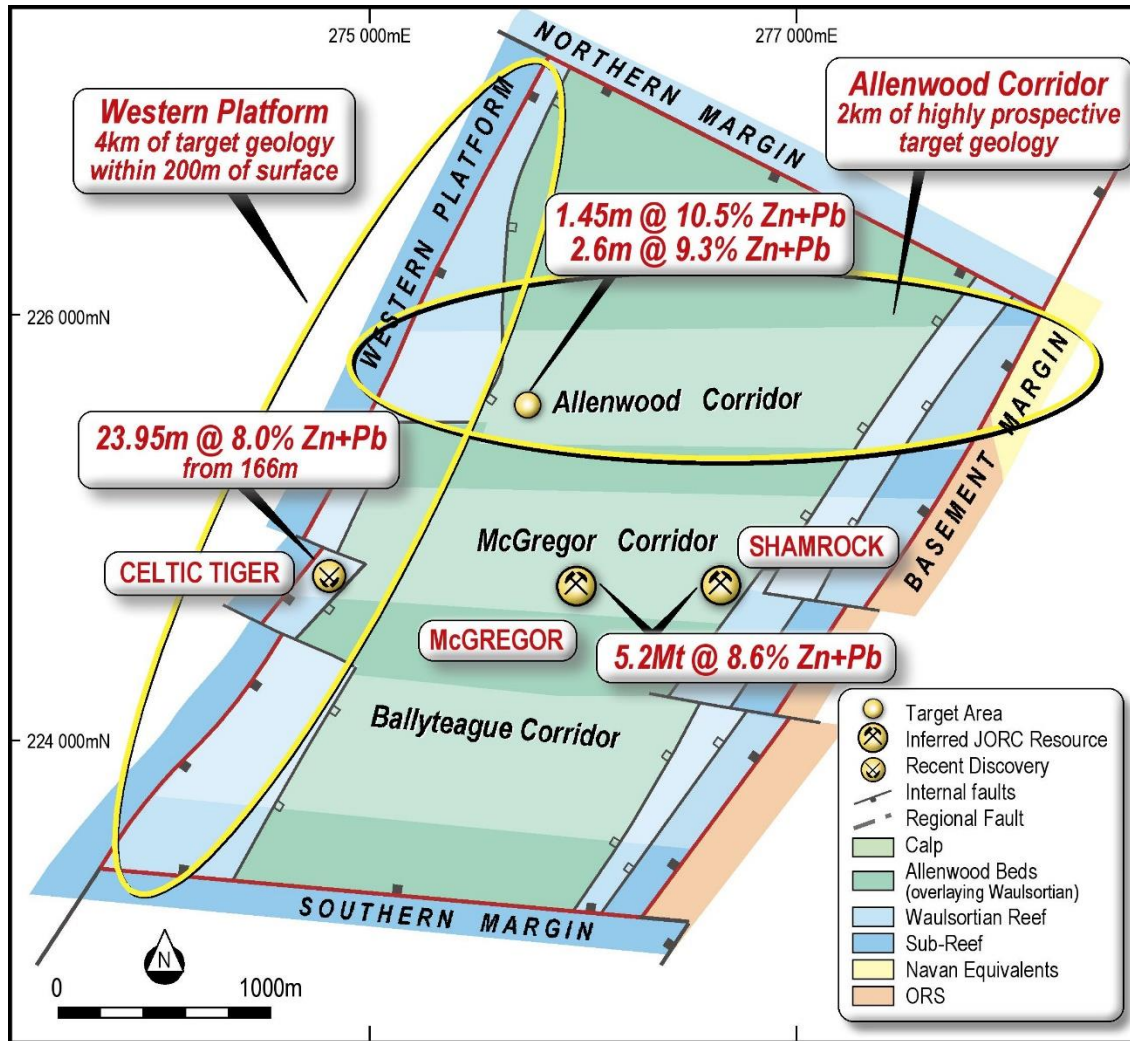
The Right Postcode; A History of Zinc Mining Nearby

- Large (250km²) project in the heart of the Rathdowney Trend:
 - ~ 60km from Lisheen
 - ~ 54km from Galmoy
- Located 40km SW of Dublin
- Exploration focussed on the 8km² Allenwood Graben; ~ 4% of whole project
- Majors as Neighbours: Teck & Vedanta



Allenwood Mineralised Block

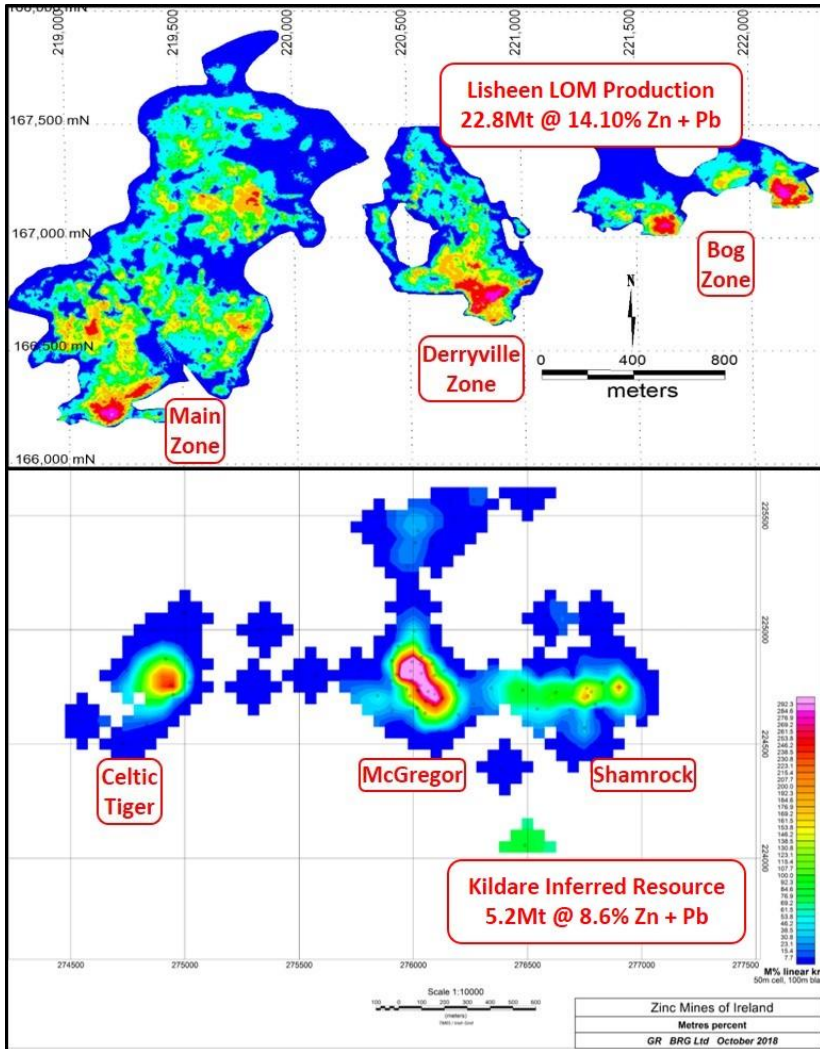
Critical Mass in Centralised Location



- **McGregor & Shamrock Resource Zones:**
 - Resource of **5.2Mt @ 8.6% Zn+Pb**
 - high-grade in recent drilling - **19.89m @ 17.64% Zn+Pb** (Z_4069_027)
- **Celtic Tiger:**
 - high-grade, shallow zinc – inc **23.95m @ 8.0% Zn+Pb from 166m** (Z_4069_007)
 - mineralisation over strike of 160m
- **Allenwood Corridor:**
 - Newly discovered high-grade zinc inc **2.6m @ 9.3% Zn+Pb** from 171.9m (Z_3846_003)
 - genuine 2km long exploration target
- **Western Platform:**
 - 4km of potential for shallow Zn-Pb mineralisation

McGregor Corridor – The Development Focus

Significant “Irish Type” deposits, scope for more.....

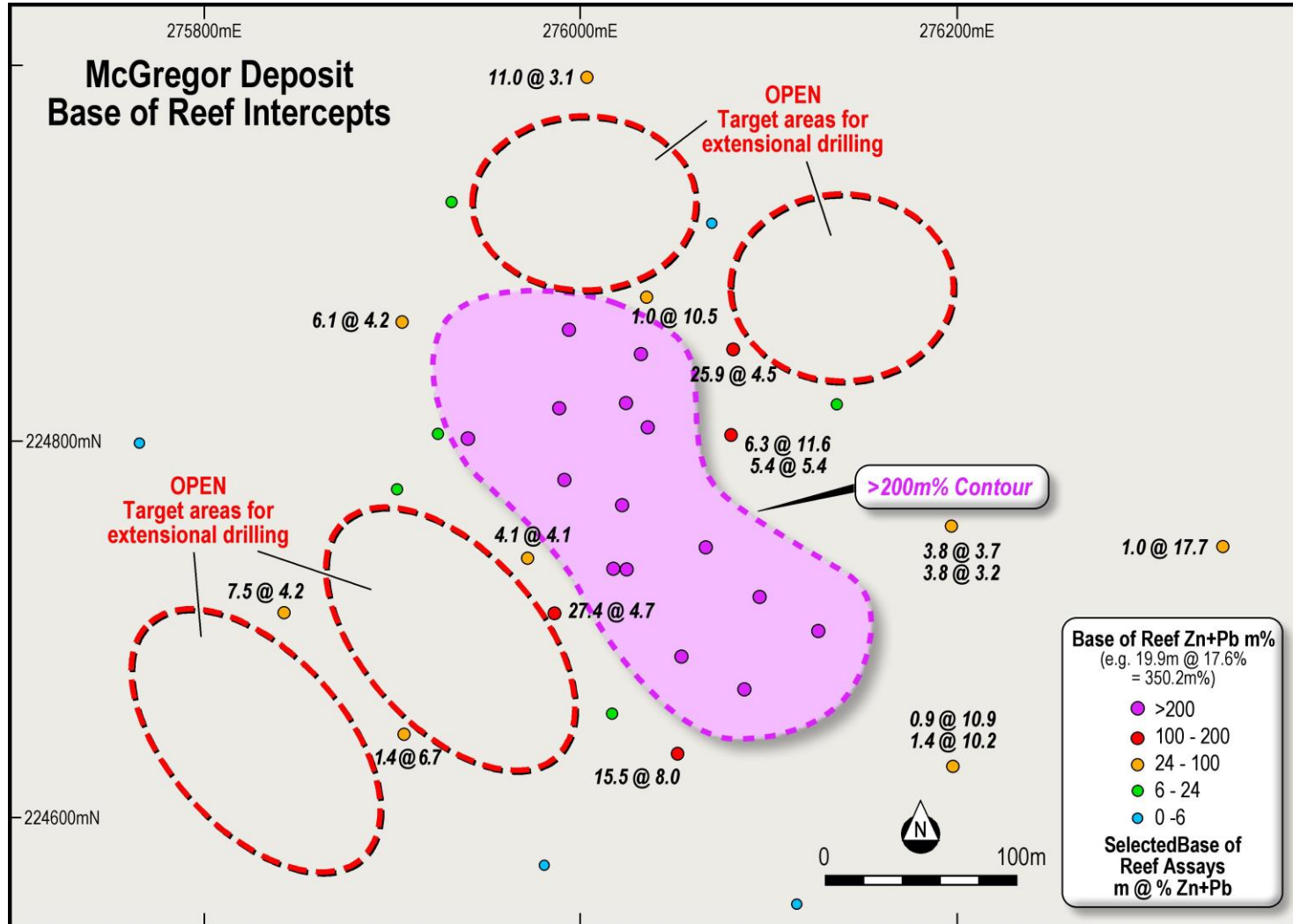


- Hosting multiple deposits (McGregor, Shamrock, Celtic Tiger)
- Similarities to Lisheen & Galmoy clusters
- Recent drilling results at McGregor include:
 - **19.89m @ 17.64% Zn+Pb** from 390.44m (Z_4069_027)
 - **23.25m @13.5% Zn+Pb** from 396.53m (Z_4069_003)
- Extensional drilling underway – focused on McGregor and Shamrock
- Base of Reef horizon remains open
- Potential for additional discoveries

Zinc Metal Distribution Heatmaps at Lisheen (top), and along the McGregor Corridor, both at the same scale. Note the comparable ‘cluster’ nature of mineralisation typical of Base of Reef hosted Irish Type deposits.

McGregor Resource

High-Grade Centre of deposit cluster; Focus of Development



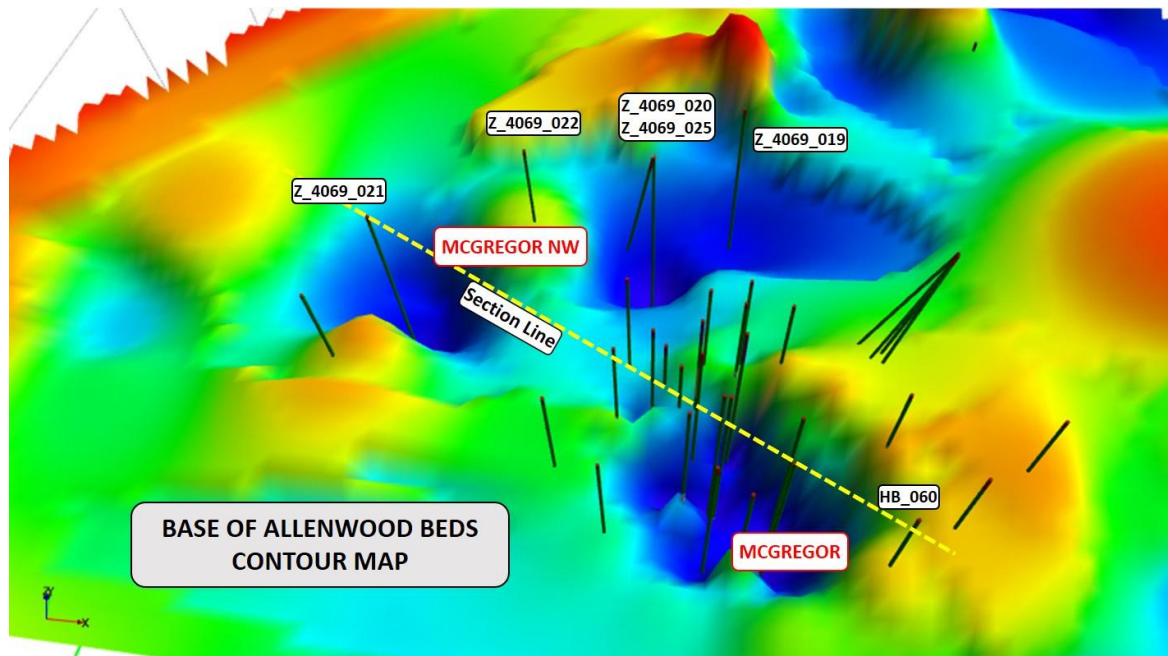
- Existing Resource - **4Mt @ 8.8% Zn+Pb**; considerable scope for growth
- Outstanding development potential - High-grade (zones of **>15% Zn+Pb**), thick (zones of **>20m**), consistent **>200m% Zn+Pb**; flat-lying
- Resource extension drilling results inc:
 - 19.89m @ 17.64% Zn+Pb** from 390.44m (Z_4069_027)
 - 23.25m @ 13.5% Zn+Pb** from 396.53m (Z_4069_003)
- Metallurgical testwork underway

McGregor Northwest

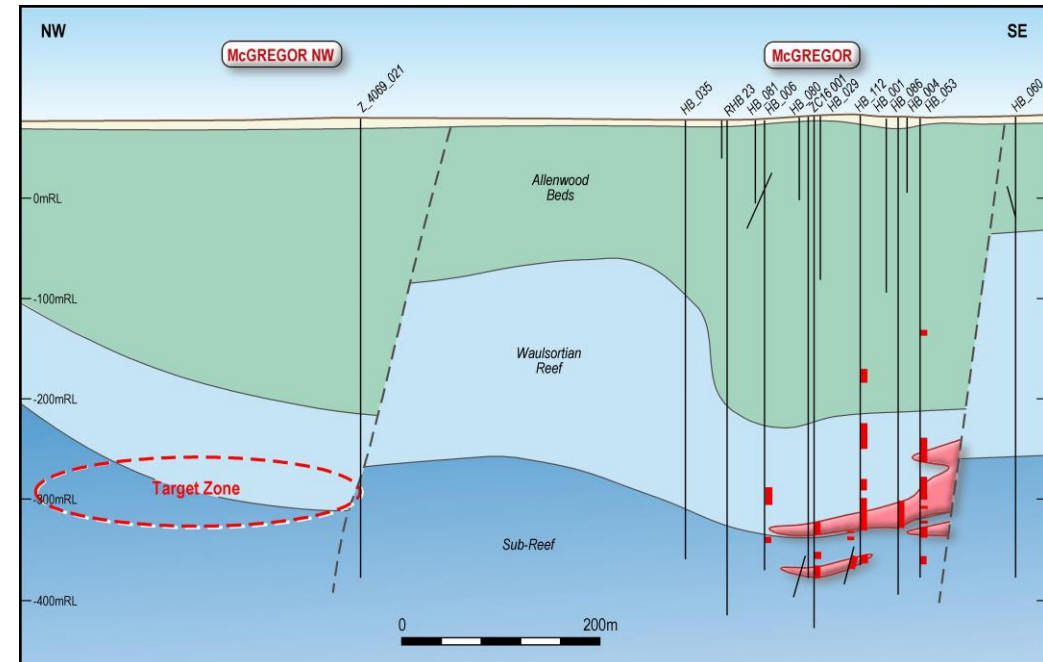
The same features as McGregor – The next “pod” ?

- Similar stratigraphic and structural features to McGregor
- High-grade in upper levels (Z_4069_019) :
 - **0.65m @ 11.1% Zn+Pb** from 281.35m
 - **1.7m @ 6.62% Zn+Pb** from 288.8m
- Base of Reef remains untested

- Thickened Allenwood succession
- Dramatic drop in upper reef contact
- Intense brecciation
- Marcacite and sphalerite mineralisation becoming more intense at depth
- Localised development on northern side of fault



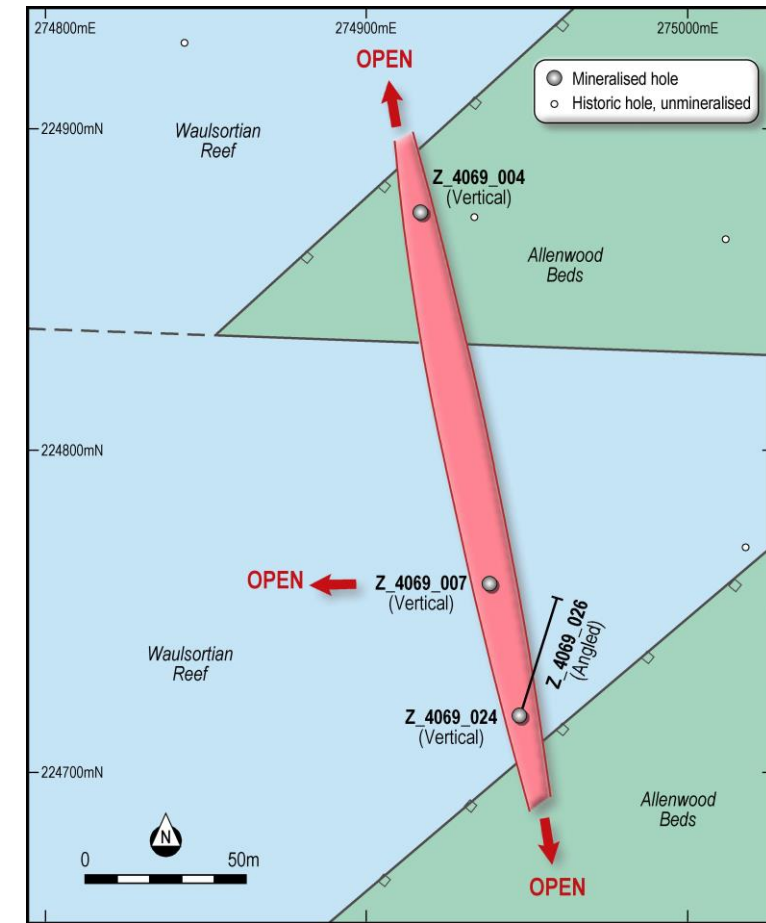
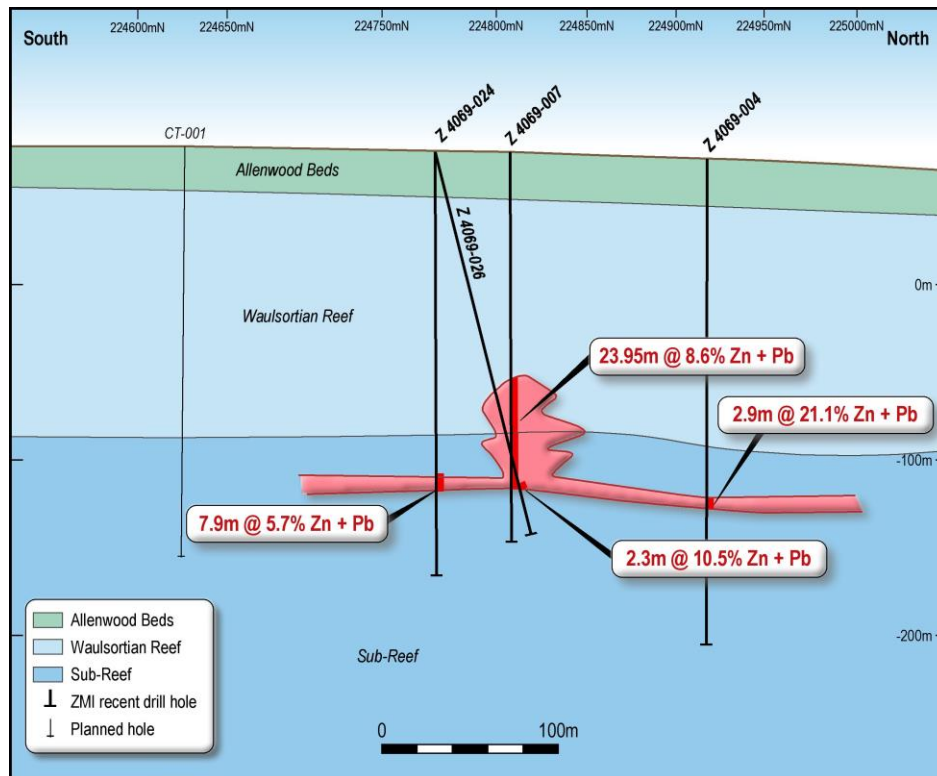
Base of Allenwood Beds contour map highlighting the rapid thickness variations in Allenwood beds observed at the McGregor deposit, and discovered to the NW in recent drilling



Celtic Tiger

Potential to add shallow tonnes

- Shallow zinc mineralisation over 160m strike
- Mineralisation occurs in sub-reef; new mineralised horizon
- Potential target at <200m depth
- Demonstrates lateral potential of McGregor Corridor

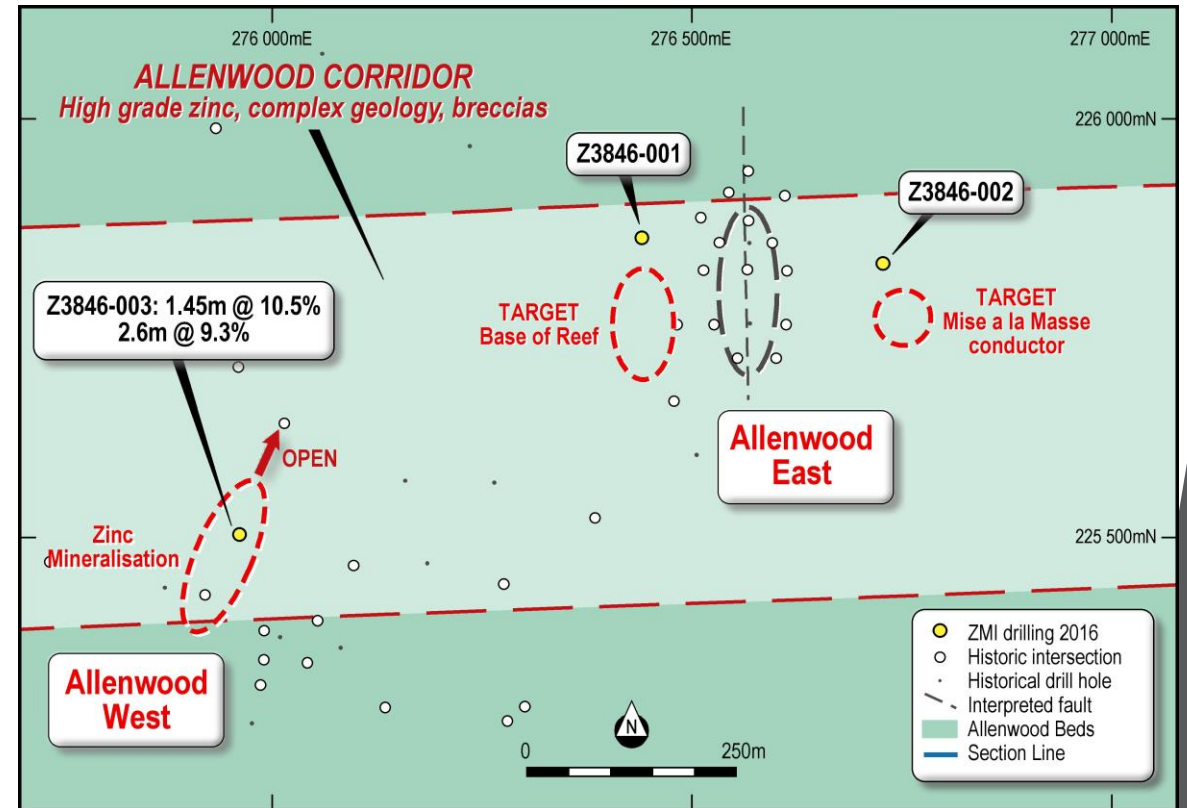


- Best drilling results:
 - **23.95m @ 8.0% Zn+Pb** from 166m (Z_4069_007)
 - **7.9m @ 5.7% Zn+Pb** from 185m (Z_4069_024)
 - **2.3m @ 10.5% Zn+Pb** from 197.5m (Z_4069_026)
- Favourable location for development

Allenwood Corridor

Potential north of McGregor; 2km long exploration target

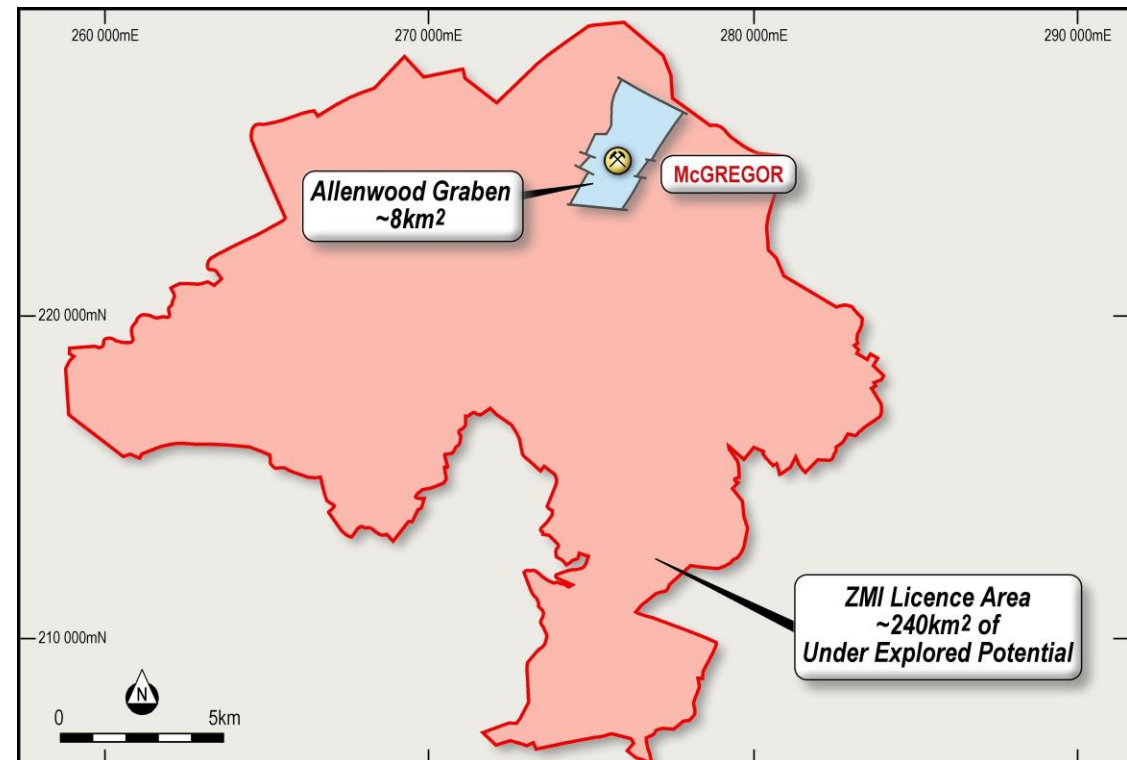
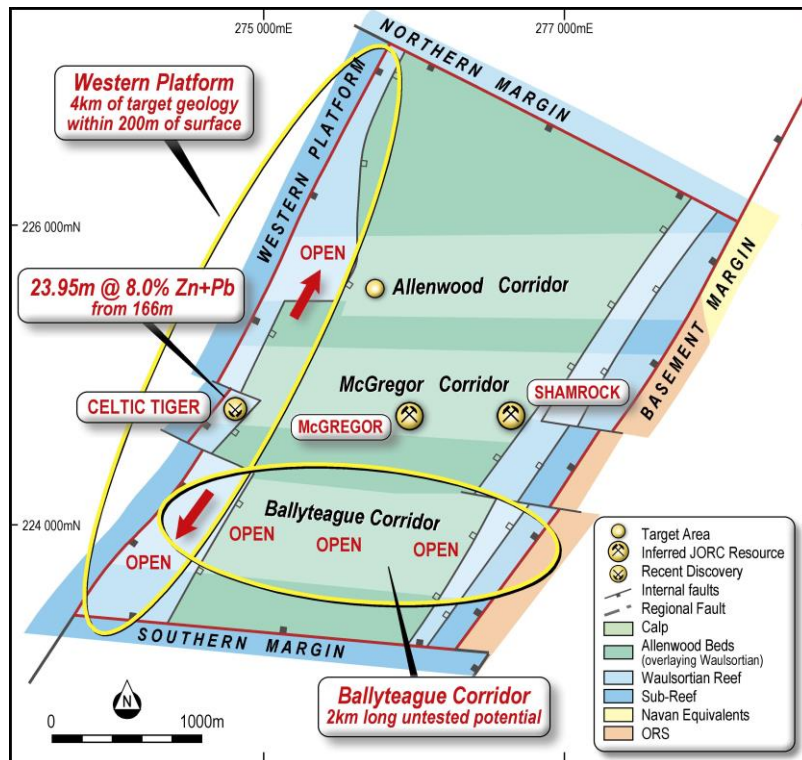
- Drilling confirms genuine 2km long “Irish Type” exploration target
- High-grade potential confirmed by drilling (Z_3846_003):
 - **1.5m @ 10.5% Zn+Pb** from 160.1m; and
 - **2.6m @ 9.3% Zn+Pb** from 171.9m
- Interpreted ~E-W controlling structure - similarities to McGregor Corridor and Lisheen/Galmoy
- Favourably Located ~1km north of McGregor
- Underexplored



Regional Exploration Potential

Regional potential overlooked, shallow & deeper prospectivity

- Exploration focus has been on and around McGregor – regional potential overlooked
- Potential remains at <200m depth
- Potential at >300m remains wide open
- Allenwood Graben = ~4% of greater Kildare package
- Overlooked exploration techniques being successfully used elsewhere in Ireland
- Multiple phases of large volumes of mineralising fluids



2019 Development Initiatives

Establish critical mass & continue on the development pathway

- Resource improvements
- Scoping study
- 3D modelling, deposit and mineralisation vectors = **BETTER TARGETING!**
- Extension and infill drilling
- Confirmatory metallurgy
- Additional sampling of available drill core

Competent Persons' Statements

The information in this presentation that relates to exploration results is based on information compiled by Mr Peter van der Borgh, a Competent Person who is a Fellow of the Geological Society of London. Mr van der Borgh is a director and shareholder of Zinc of Ireland NL. Mr van der Borgh has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been 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 (JORC Code). Mr van der Borgh consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

The information in this document that relates to mineral resource estimates is based on information compiled by Mr Phil Jones BAppSc (App Geol), MAIG, MAusIMM, a Competent Person who is a Member of the Australian Institute of Geoscientists and the Australasian Institute of Mining and Metallurgy. Mr Jones is a full-time employee of Al Maynard & Associates: Geological (AM&A) and does not hold any interest in Zinc of Ireland NL. AM&A invoiced ZMI and ZMI are expected to pay a fee for the preparation of the mineral resource estimate report. This fee comprises a normal, commercial daily rate plus expenses and the payment is not contingent on the results of the report. Mr Jones has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been 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 (JORC Code). Mr Jones consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this document that relates to mineral resource estimates is extracted from the ASX announcement entitled “High-Grade Zn-Pb Inferred Resource Estimate at Kildare” released on 1 June 2017 and is available to view on www.zincofireland.com. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which Competent Person’s findings are presented here have not been materially modified from the original market announcement.

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