

Investor Presentation – February/March 2017



ASX Code: ZMI



Drilling a world-class MVT zinc project in 2017

Exciting new phase of drilling commencing within weeks at Kildare zinc project to expand known mineralisation and test new targets



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The information in this presentation that relates to exploration results is based on information compiled by Mr Benjamin Sharp BSc MAIG, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Sharp is a director and shareholder of Zinc of Ireland NL. Mr Sharp 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 Sharp consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears.

The right commodity, the right time, the right place

Outstanding base metal exploration potential on the doorstep of Western Europe

- ✦ Exploring Ireland's zinc-rich Carboniferous Basin on the strong fundamentals and outstanding outlook for zinc
- ✦ Control of the Kildare Project on the Rathdowny mineralised trend, 80km along strike from Lisheen and amongst some of the world's key zinc players
- ✦ Unique opportunity for holistic approach to exploring Kildare following consolidation of licenses
- ✦ Geological and geochemical data 'overlooked' during 70's and 80's exploration driven by geophysical trends
- ✦ Regional database compiled by ZMI now comprises more than 650 drill holes and other key exploration datasets
- ✦ Exciting exploration program starting within weeks to expand known mineralisation and explore new targets



Corporate overview (ASX code: ZMI)

Highly leveraged to exploration success, strong and experienced board and management

CAPITAL STRUCTURE

Share price (at 17 February 2017)	\$0.011
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Fully paid shares on issue	914.1M
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Partly paid shares on issue	1.2M
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Quoted Options (Ex \$0.02, 21 July 2017)	330.8M
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Unquoted Options (Various issue prices and expiry dates)	511.5M
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Cash	~\$2.1M
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Market capitalisation	~\$10M
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DIRECTORS

Patrick Corr – Non-Executive Chairman

Barrister and Solicitor of the Supreme Court of WA, with considerable legal and management experience with private, public and ASX listed companies.

Peter van der Borgh – Managing Director

30 years' worldwide experience in the mining industry, as a geologist, Executive, and Non-Executive with several exploration companies. Resides in the UK.

Benjamin Sharp – Technical Director

Geologist with experience in hard rock exploration for base metals (Zn, Pb, Cu), precious metals (Au, PGEs, Ag) and bulk commodities.

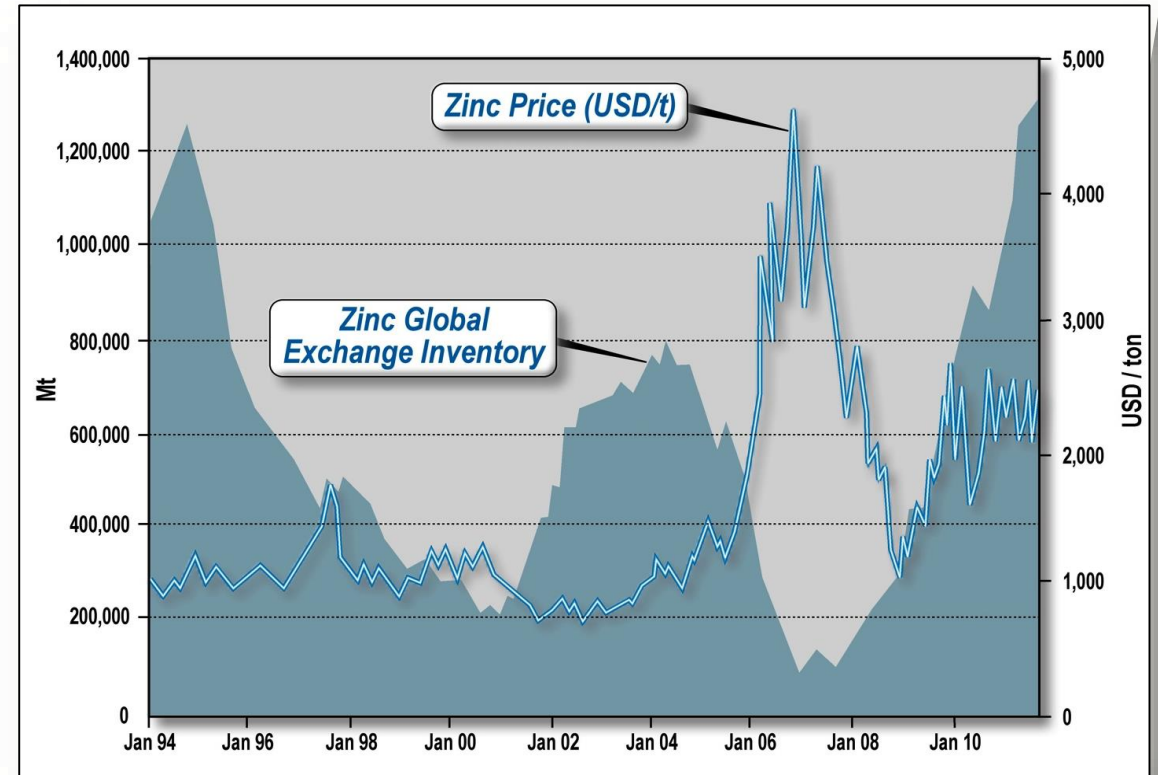
Thomas Corr – Non Executive Director

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

Ready to capitalise on zinc's exceptional growth outlook

The best performing metal of 2016 looks set to keep moving from strength to strength

- ✦ Zinc was the LME's best performer in 2016
- ✦ LME zinc stockpiles are at 12-year lows, declining for the past four years
- ✦ Forecast to be a large deficit for the next two years and beyond
- ✦ Additional 3.0 - 3.5Mt of zinc needed for the next 5 years to meet forecast demand and balance current deficit
- ✦ Zinc market fundamentals remain strong and continue to improve

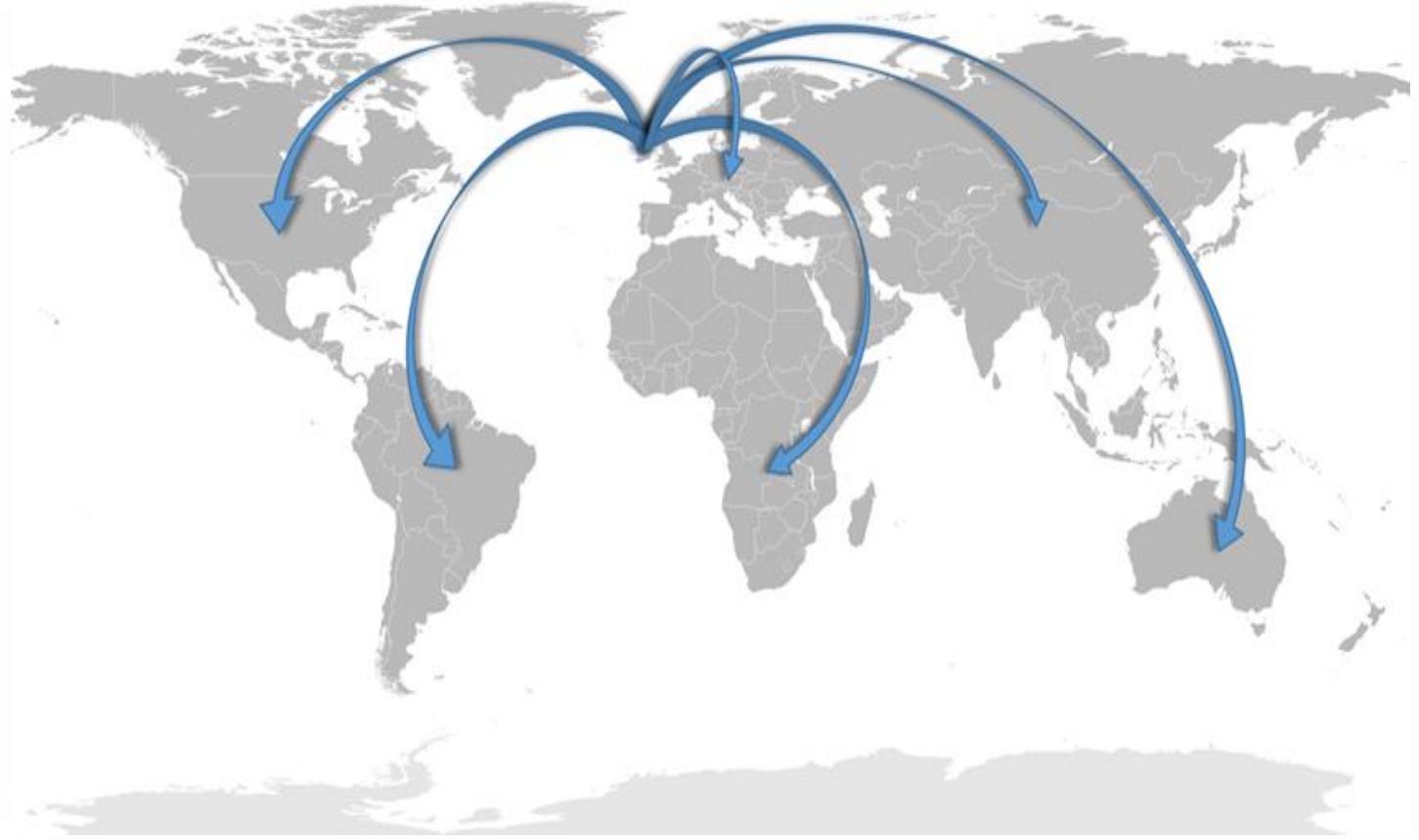


Shrinking Stockpiles = Increased Price

Why Ireland?

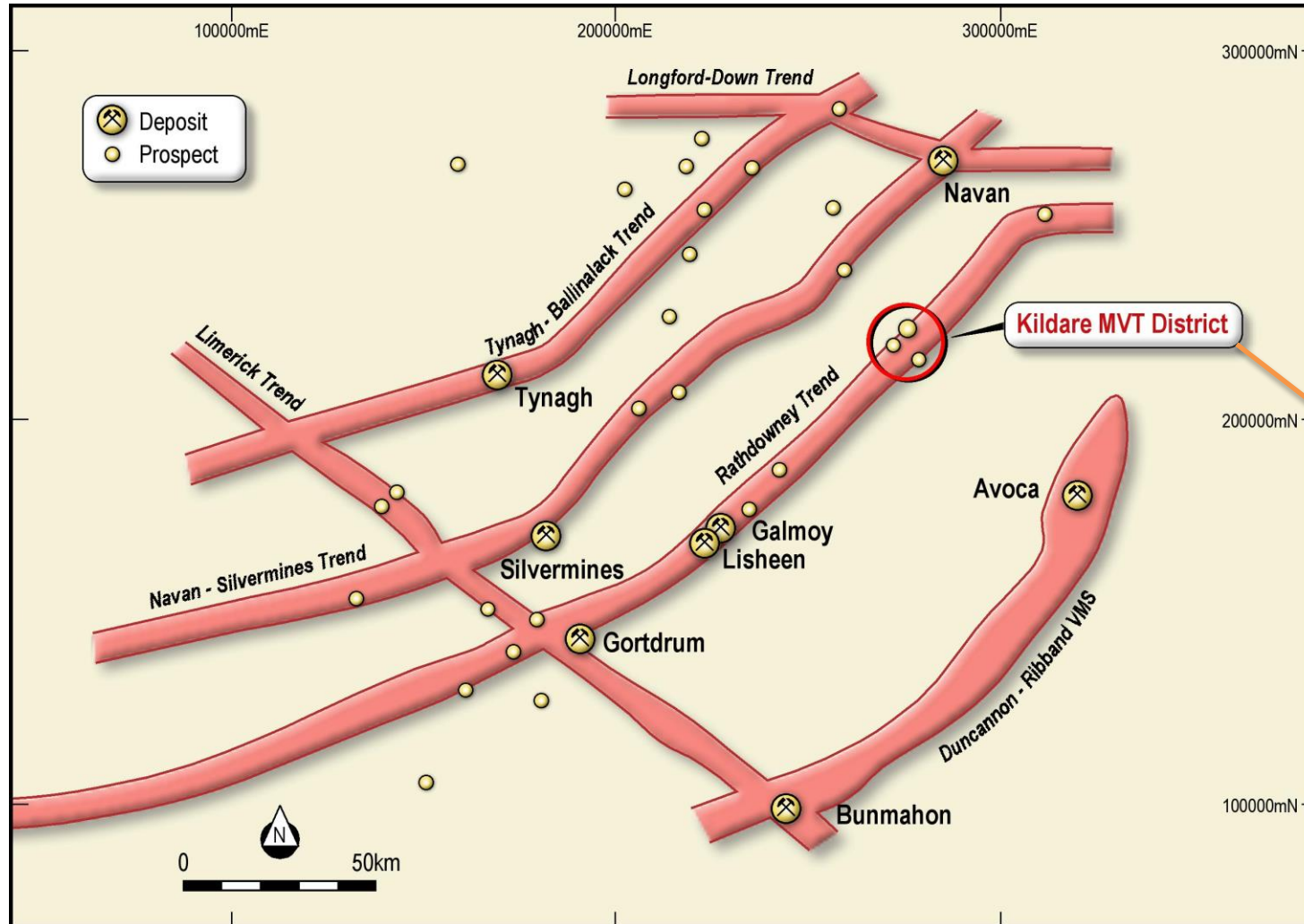
Home to some of the world's biggest zinc mines, Tier-1 jurisdiction, extensive infrastructure

- ♦ World's 10th largest zinc producer and Europe's largest
- ♦ Stable government and mining friendly
- ♦ Rail and port infrastructure
- ♦ Close to Europe with a ready demand within the Eurozone
- ♦ Low mining & corporate taxes
- ♦ In-country expertise
- ♦ Cost effective operations

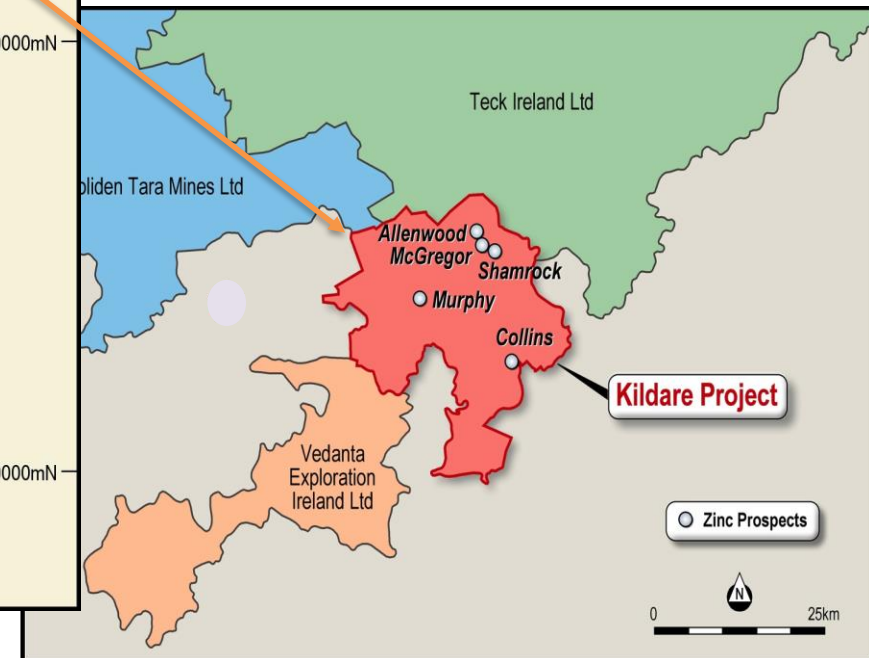


Kildare MVT District

Location, Location, Location.....

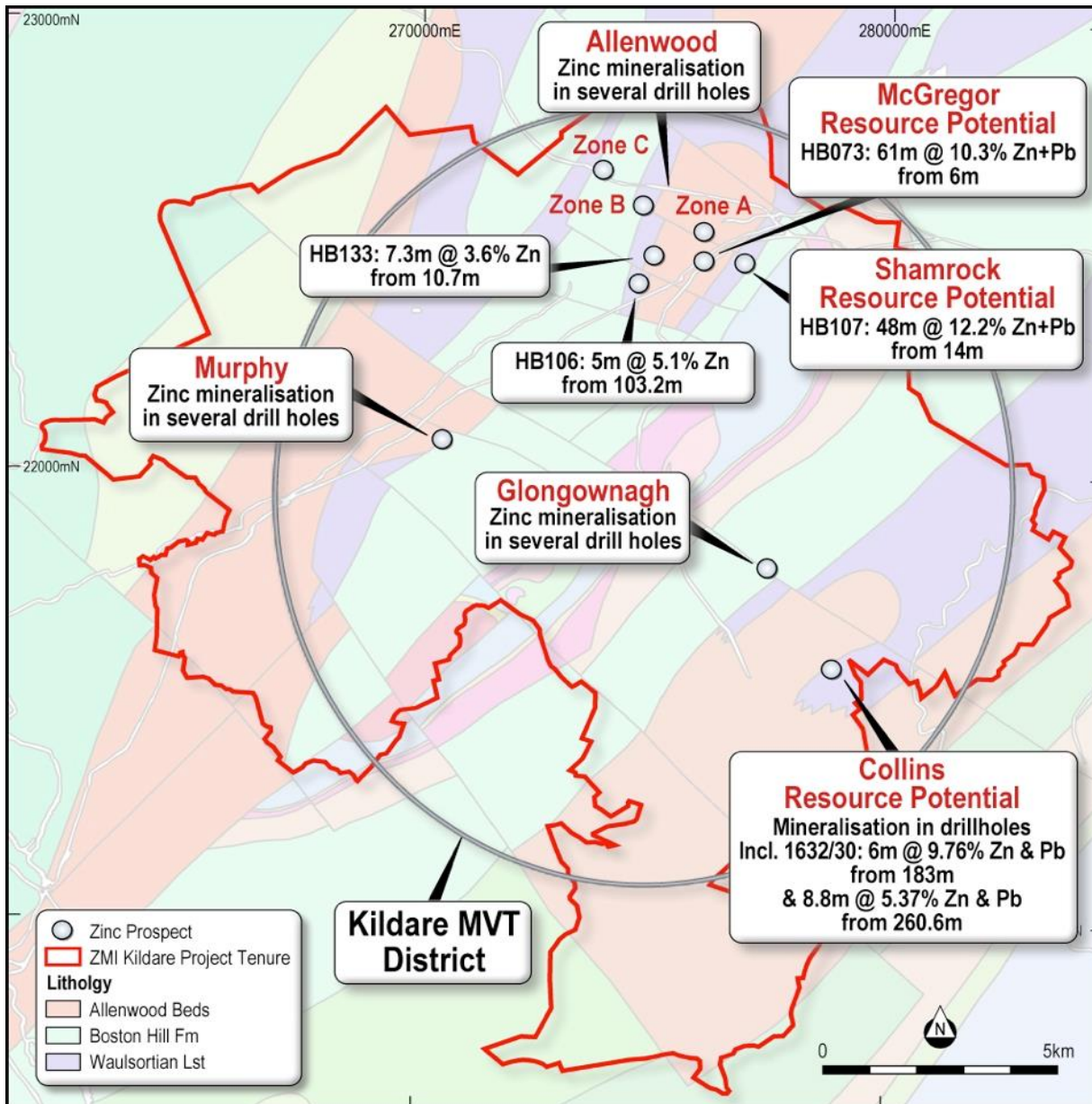


- ◆ Sits within the Rathdowney Trend, ~80km along strike from Lisheen (22.4Mt @ 11.63% Zn & 1.96%Pb)
- ◆ Neighbours include Teck, Vedanta and Boliden



Rich but fragmented history of exploration before 20-year hiatus

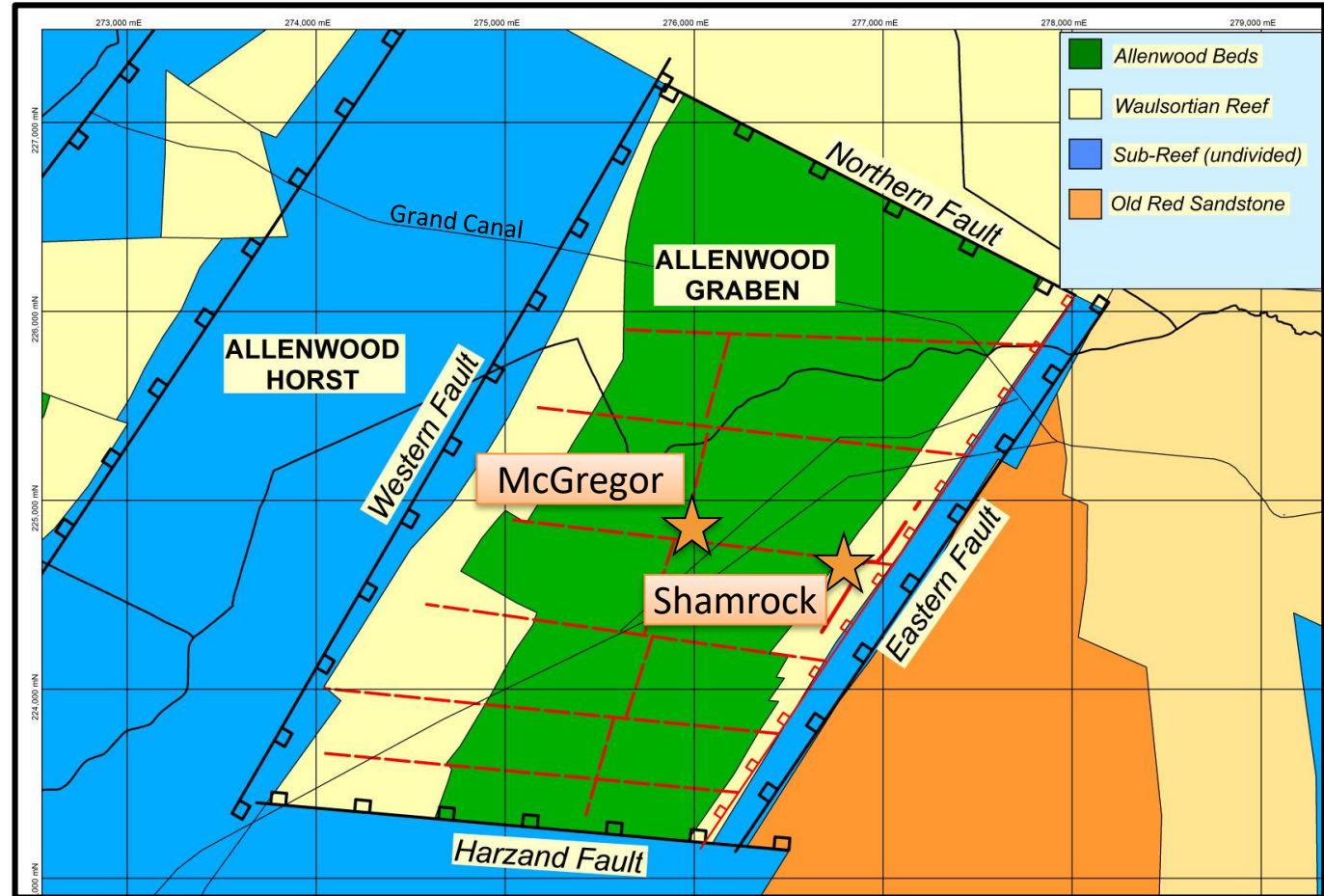
- ♦ Well established Mississippi Valley Type (MVT) mineralisation was the focus of considerable exploration in the 70's and 80's
- ♦ ZMI has combined a package of six licenses not previously held by a single party.....
- ♦and collated abundant data, allowing it to adopt an holistic approach to exploration of the district for the first time



Data-Capture reaches a milestone

All Kildare drill holes in the database (680), leading to a highly significant re-interpretation

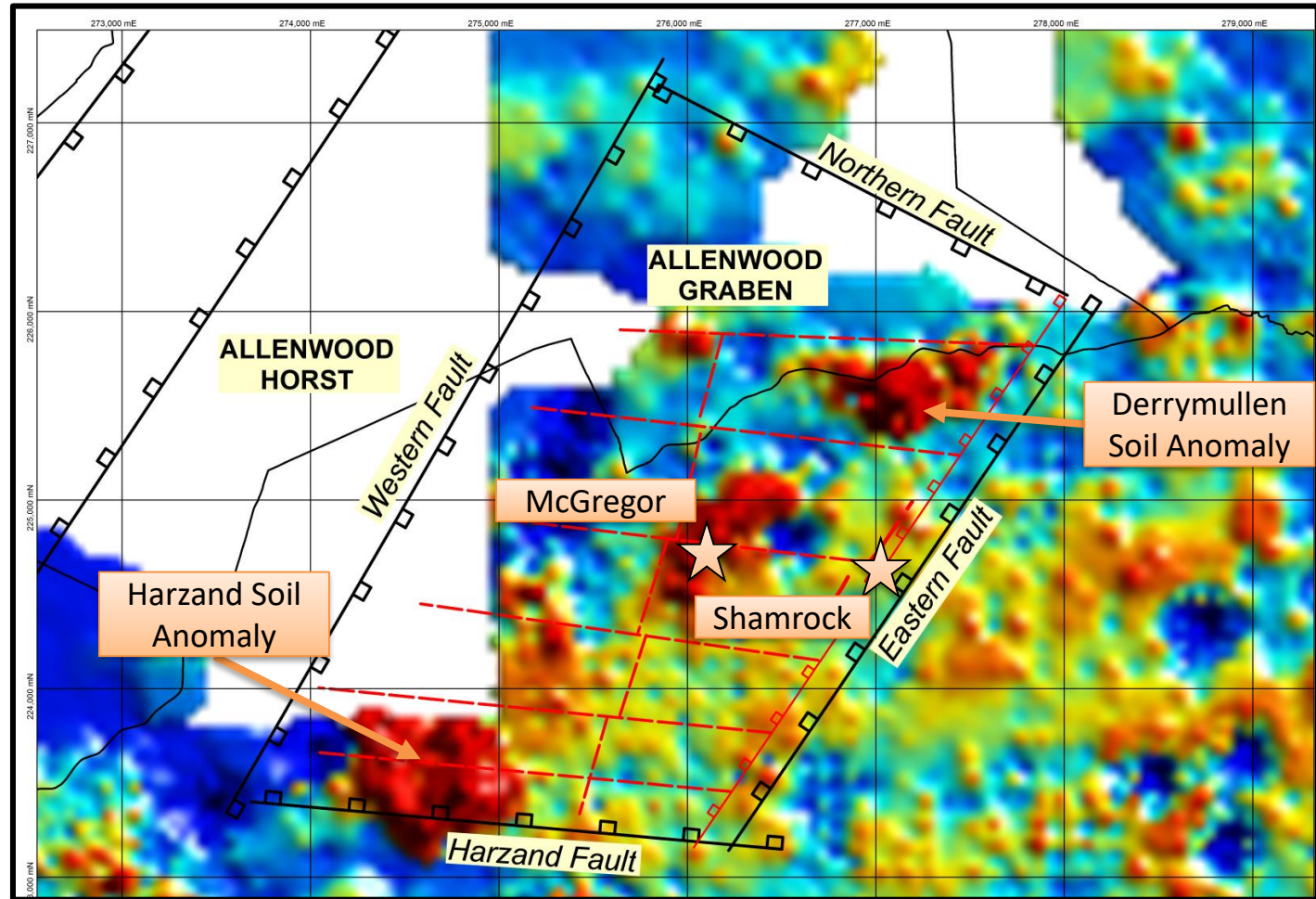
- ✦ Delineation of a fault bounded block (Allenwood Graben) comprising geological features seen in many Irish Zinc Deposits
- ✦ Regional host-rock 'Waulsortian Reef' is present across the graben (largely concealed beneath Allenwood Beds)
- ✦ Vertical displacements >300m on 'macro-scale' normal faults (i.e. Eastern and Harzand)
- ✦ Similar faults control mineralisation in many major Irish zinc deposits



Key historical datasets located

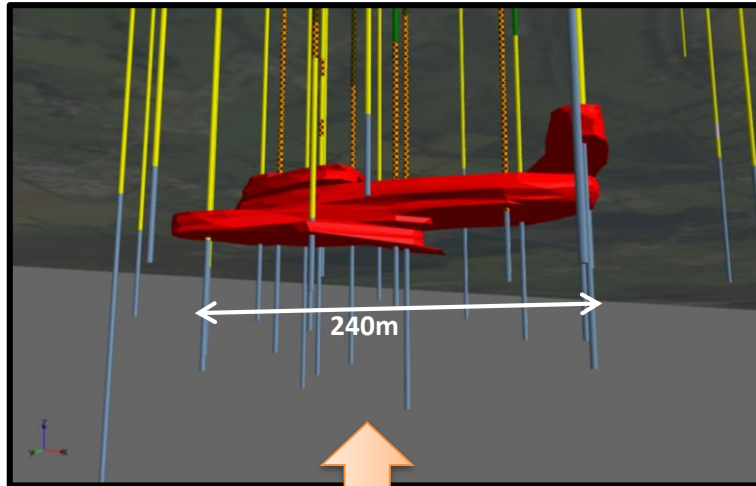
Regional soils geochemistry with proven discovery success

- ✦ Soil geochemistry successfully discovered the McGregor Prospect in the 1970s.
- ✦ Demonstrates the significance of regional soil anomalies, which appear to have been largely overlooked
- ✦ Derrymullen and Harzand soil anomalies to be drilled in the upcoming program



McGregor/Shamrock: A solid basis on which to build

Multiple zones of strong mineralisation; Resource potential

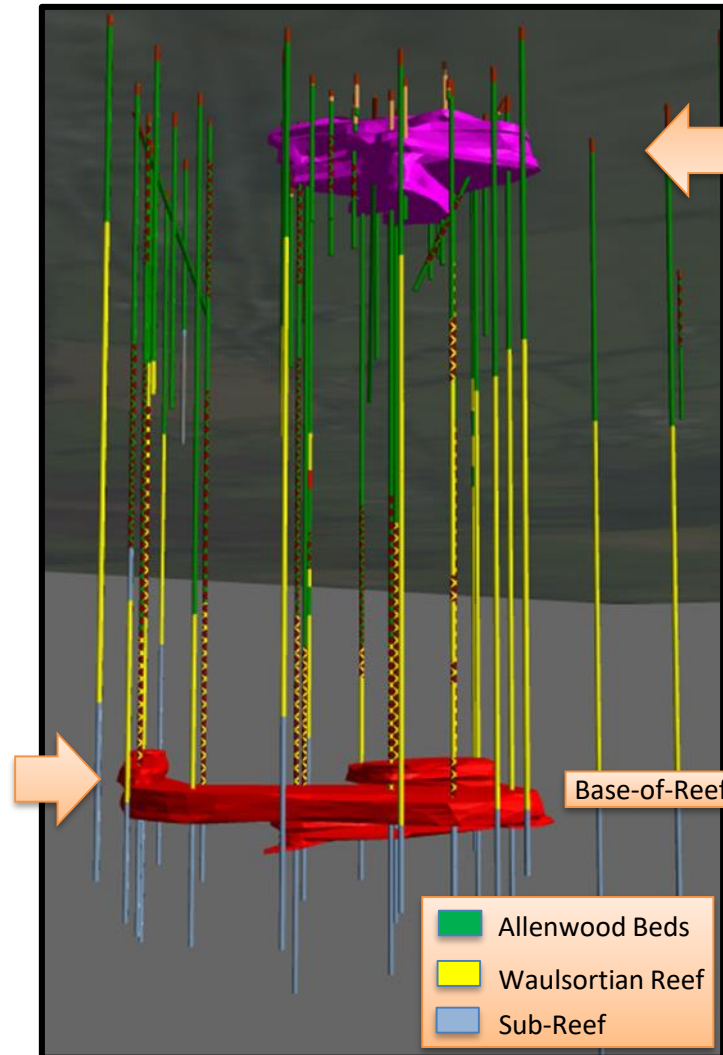


McGregor Base of Reef Intercepts Include:

11.0m @ 19.5% Zn + 2.6% Pb from 407m (HB83A)

17.4m @ 16.78 Zn + 4.34 Pb from 388.9m (HB33)

13.9m @ 12.2% Zn + 1.2% Pb from 391m (HB79A)

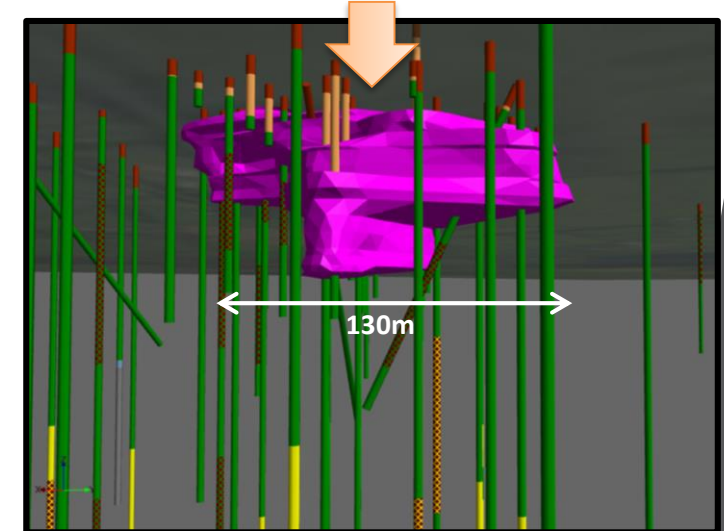


McGregor Shallow Zone Intercepts Include:

27m @ 29.7% Zn + 0.9% Pb from 19m (HB70)

25m @ 14.5% Zn and 1.0% Pb from 15m (HB71)

48.2m @ 11.1% Zn + 1.1 % Pb from 14m (HB107)





McGregor: Positive results

- ◆ Results from hole ZC16-001 include:
 - 2.00m @ 12.85% Zn & 0.76% Pb from 191.60m;
 - 9.15m @ 12.53% Zn & 2.17% Pb from 406.55m,
within 21.05m @ 7.35% Zn & 1.72% Pb from 405.45m
 - 3.10m @ 10.23% Zn & 0.12% Pb from 454.0m.
- ◆ Mineralisation occurs over multiple zones, consistent with historical results
- ◆ Supports ZMI's belief that historical results at McGregor can be used to calculate a resource
- ◆ Provides a better understanding of controls and siting of mineralisation for future exploration

Shamrock: More positive results



Up to
2% Zn

Coliform
Textures
5-10% Zn

Coliform
massive
sulphide
<30% Zn

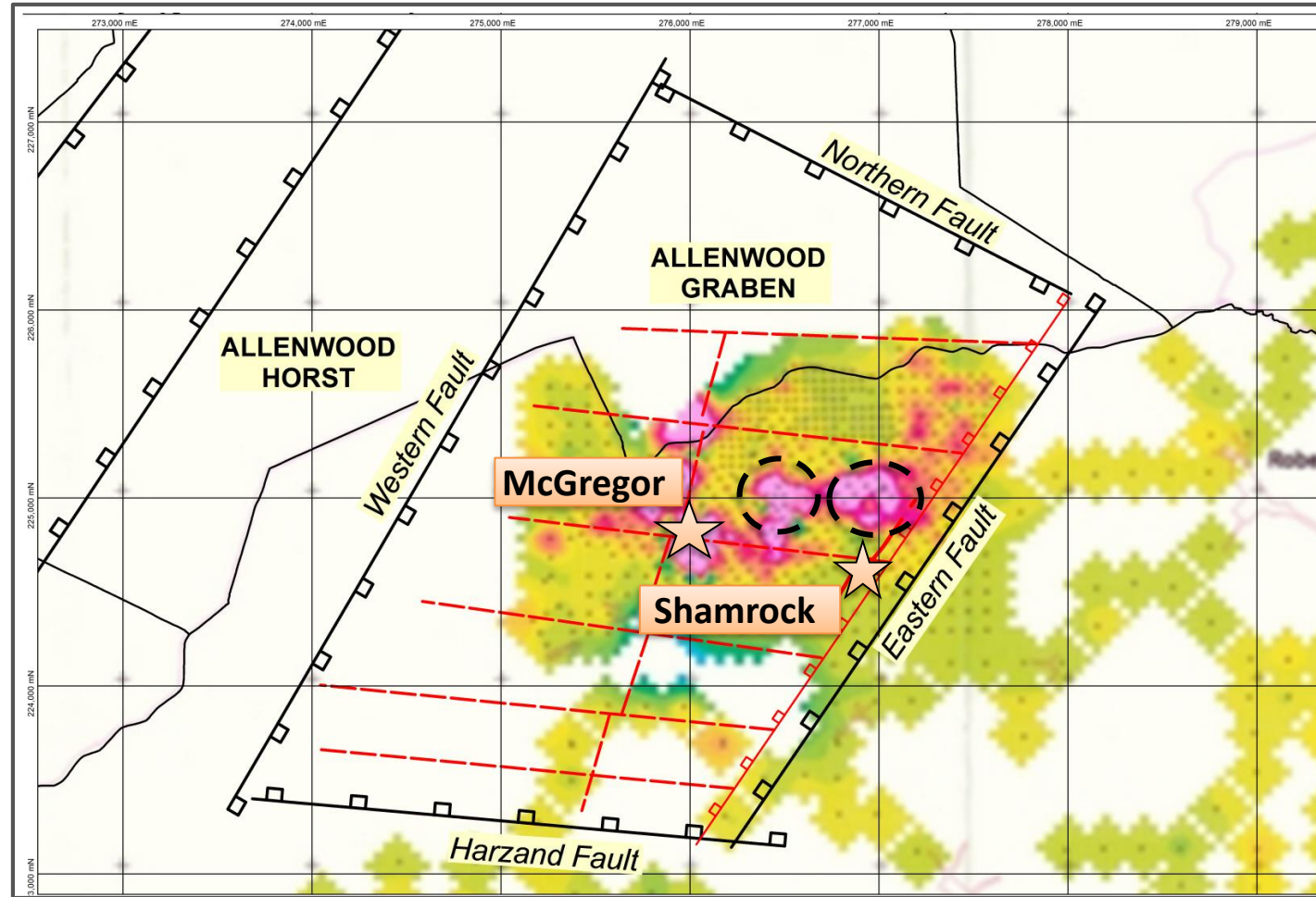
- ♦ Four Shamrock holes strongly mineralised
- ♦ ZB16-001: - 4.45m @ 4.87% Zn + Pb from 57.95m and
 - 11.3m @ 6.5% Zn + Pb from 67.5m incl.
 - 3.0m @ 12.75% Zn + Pb from 72.7m
- ♦ ZB16-002: - 15.65m @ 11.17% Zn + Pb from 417.15m
 within - 24.35m @ 8.9% Zn + Pb from 413.45m
- ♦ ZB16-003: - 13.5m @ 6.06% Zn + Pb from 19m
- ♦ ZB16-004: - 4.61m @ 9.45% Zn + Pb from 400.9m and
 - 14.19m @ 7.28% Zn + Pb from 435.9m incl.
 - 2.53m @ 18.52% Zn + Pb from 435.9m

Note: ZB16-004 intersections refer to a calculated true vertical width due to inclined drill hole

The benefits of hindsight

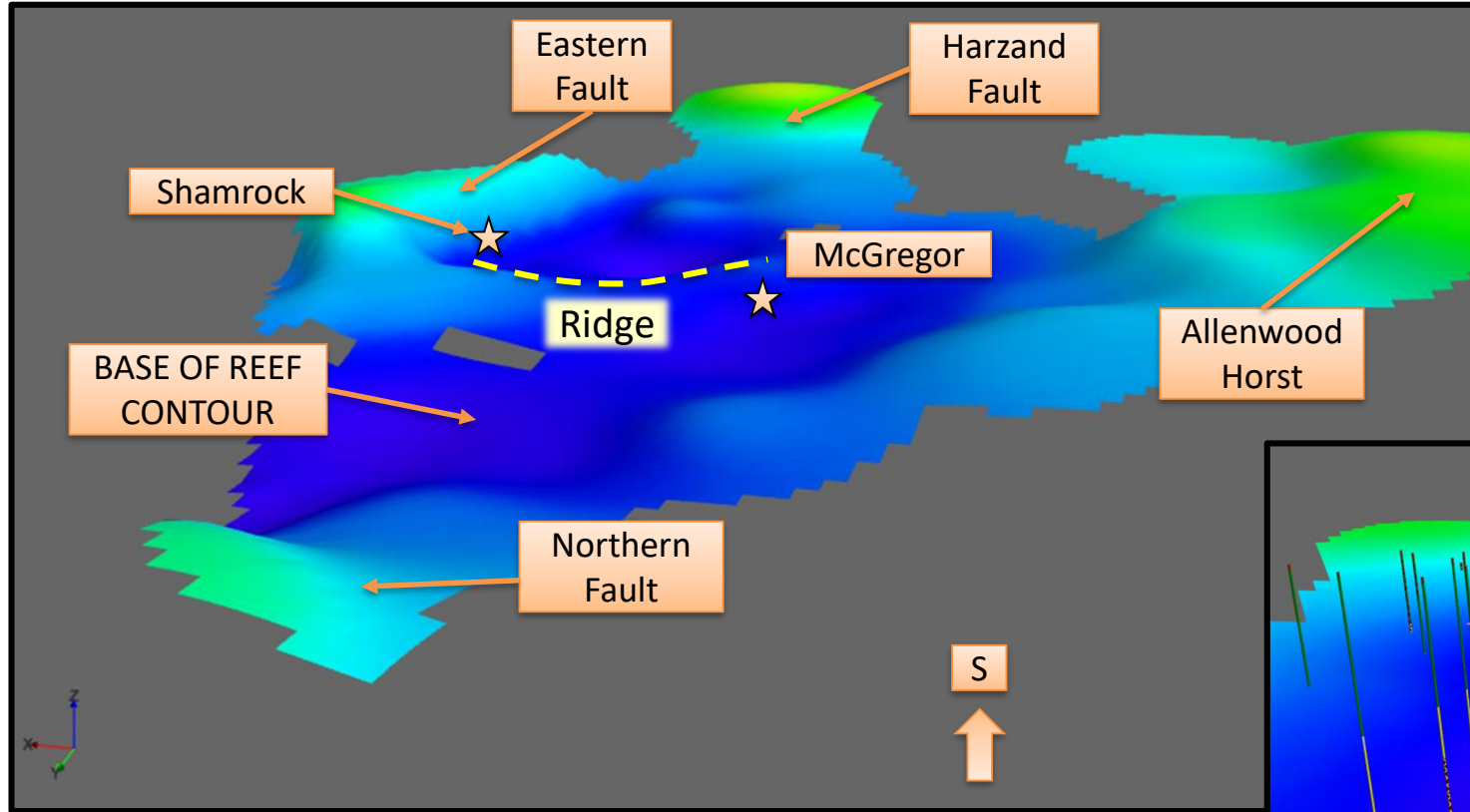
Consolidation of tenure, abundant data and advances in technology and knowledge

- ◆ Deep overburden sampling confirmed earlier soil results leading to the discovery of the McGregor prospect
- ◆ Ensuing exploration in the 70's and 80's was fragmented and driven by geophysical trends
- ◆ 'Stand-out' anomalies were bypassed and remain untested
- ◆ Considerable scope for further geochemical surveys if model proven



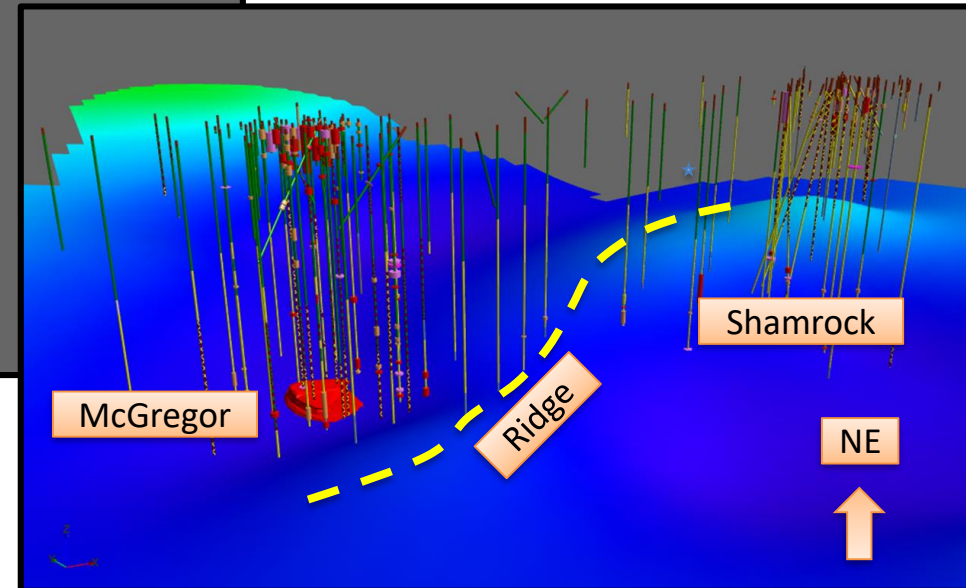
Key surfaces and structural features emerging

Prospective Waulsortian Reef contoured across the Allenwood Graben



- ♦ Shamrock mineralisation in the Sub-Reef adjacent to a highly significant macro-scale normal fault

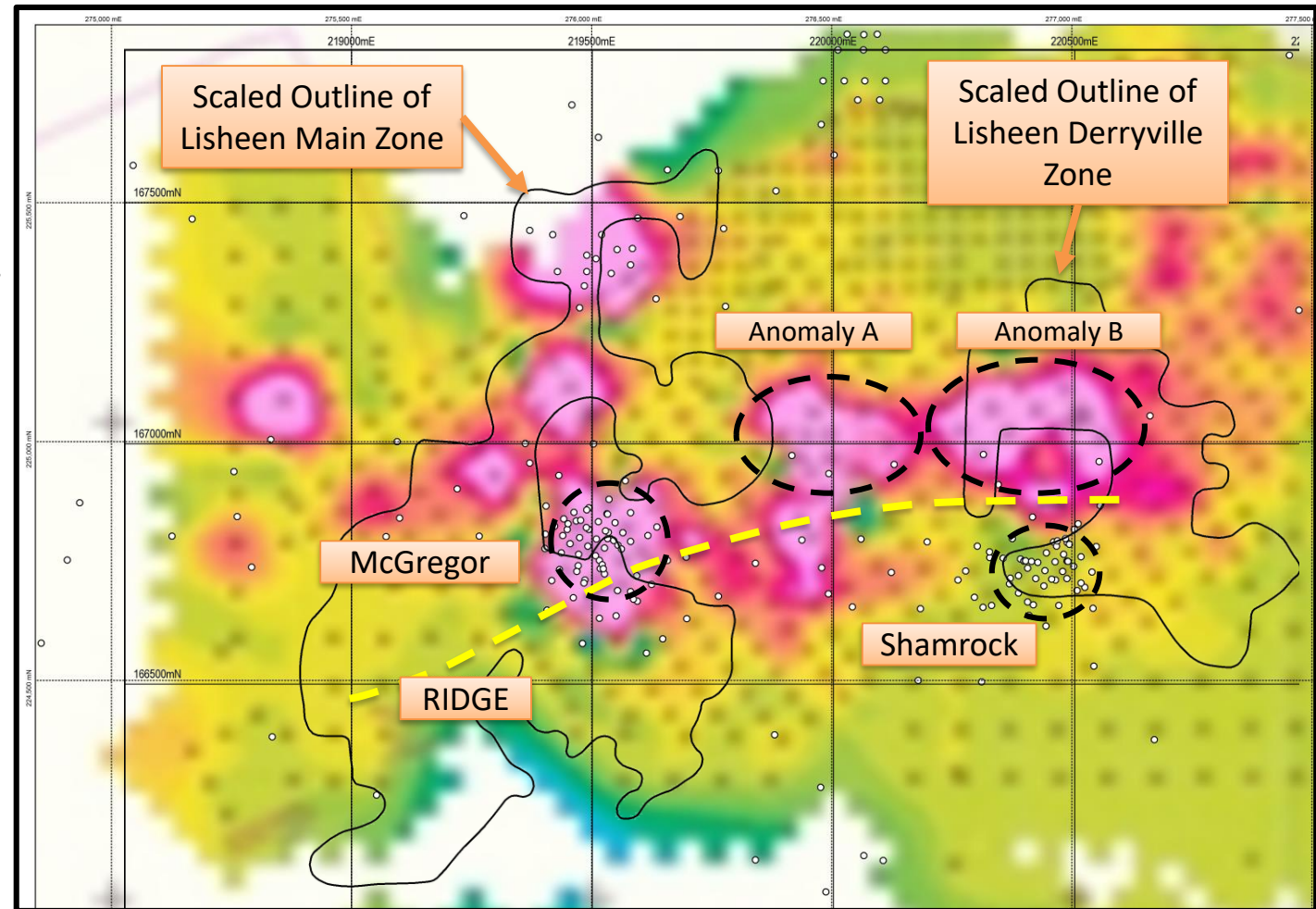
- ♦ The base of reef, as imaged here from drill hole data, is host to many Irish deposits (i.e. Lisheen)



Linking the old and the new

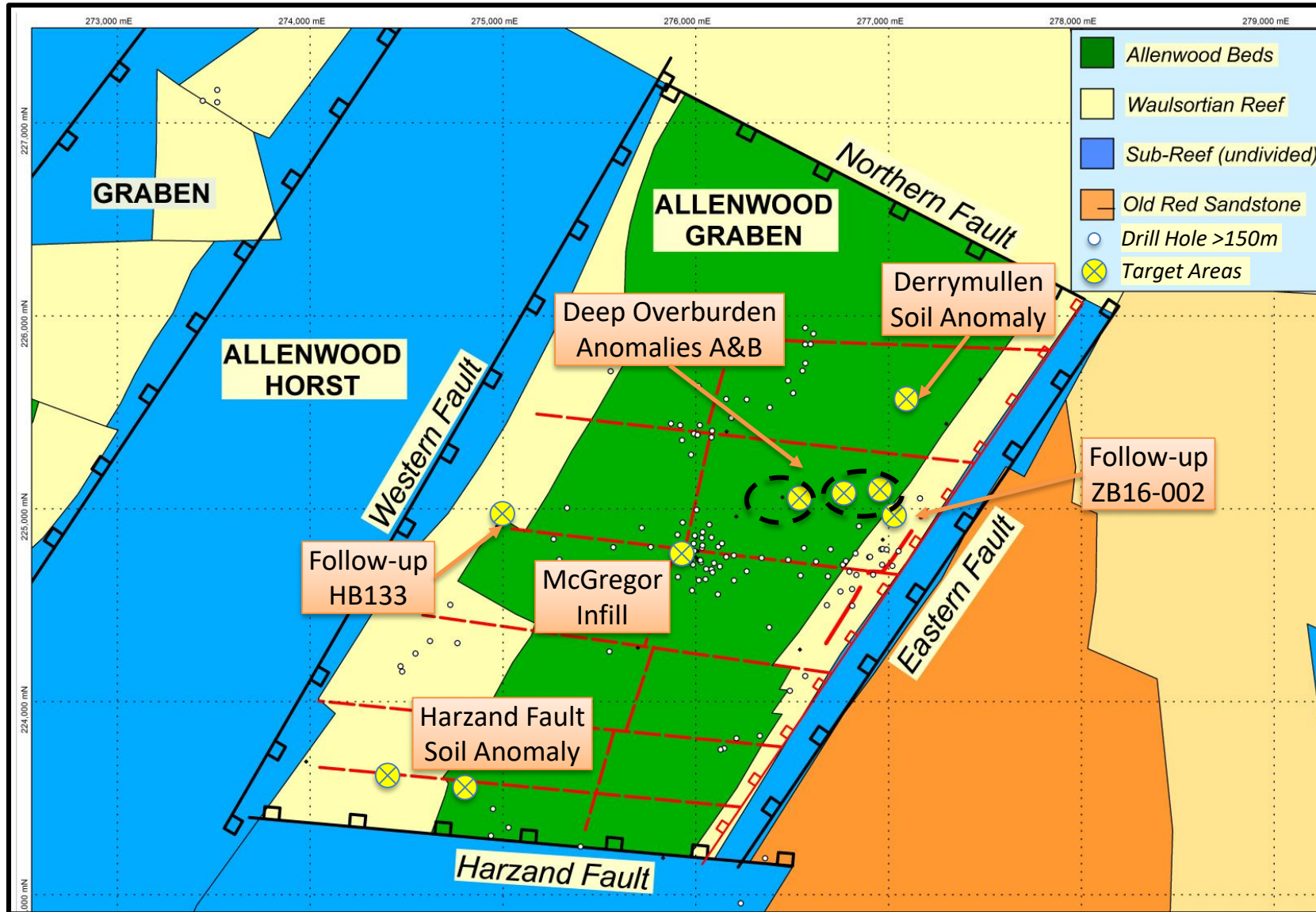
Untested deep overburden zinc anomalies in favourable structural settings

- Two sizeable deep overburden zinc anomalies east of McGregor in similar structural positions.
- Sparse historical drilling, none of which tested the Base of Reef.
- Considerable potential for McGregor-type, multi level zinc mineralization.
- Zinc dispersion on a significant scale
- Anomalies to be tested early in the upcoming program.



Upcoming drilling program

A range of holes designed to extend mineralisation and test new targets



- ♦ Infill drilling at McGregor designed to enable calculation of a maiden resource
- ♦ Strike extension drilling at Shamrock to test continuity of thick, high-grade mineralisation in ZB16-002
- ♦ Exciting 'blue-sky' geochemical and structural targets

ZMI: Key investment takeaways

A new growth opportunity in zinc....

- ✦ Strategic land-holding in one of Ireland's premier zinc provinces, with some of the world's biggest zinc producers on our doorstep
- ✦ Positive results from maiden drilling program at Kildare, with wide high-grade zinc intersections returned from both initial targets
- ✦ Regional data collated for the first time following the consolidation of licenses, enabling holistic approach to exploration which is delivering early results
- ✦ Aggressive drilling planned for 2017 to explore new targets and extend known mineralisation, commencing within weeks
- ✦ Experienced management team with strong track record of delivering growth within junior exploration companies
- ✦ Market capitalisation of just \$10M – exceptional leverage to new discovery and strong zinc market fundamentals



Thank you.



Suite 1, 56 Kings Park Road
West Perth
Western Australia, 6005
Facsimile: INT + (61 8) 9481 0655

info@zincofireland.com

www.zincofireland.com

