

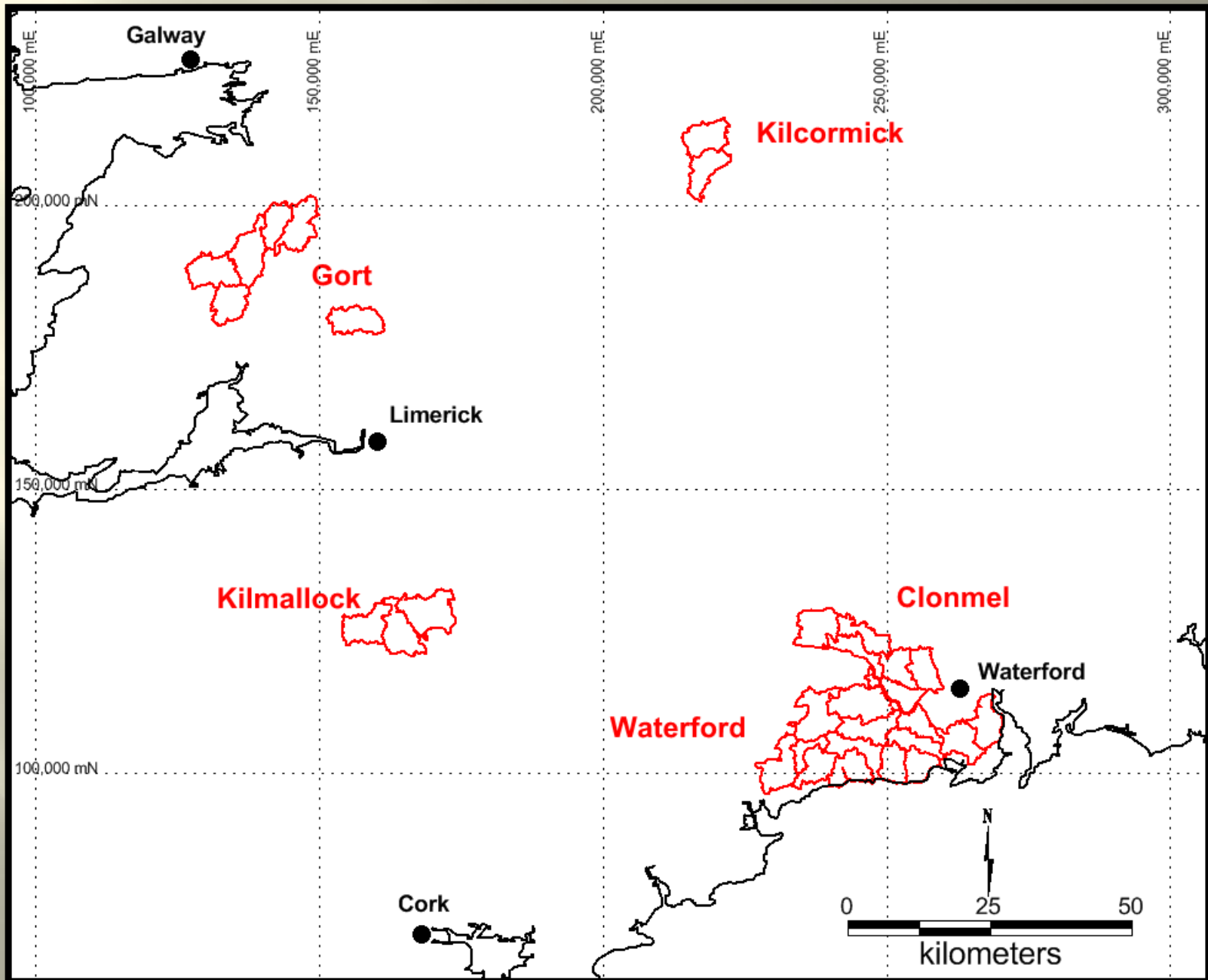


UNICORN MINERAL RESOURCES LIMITED

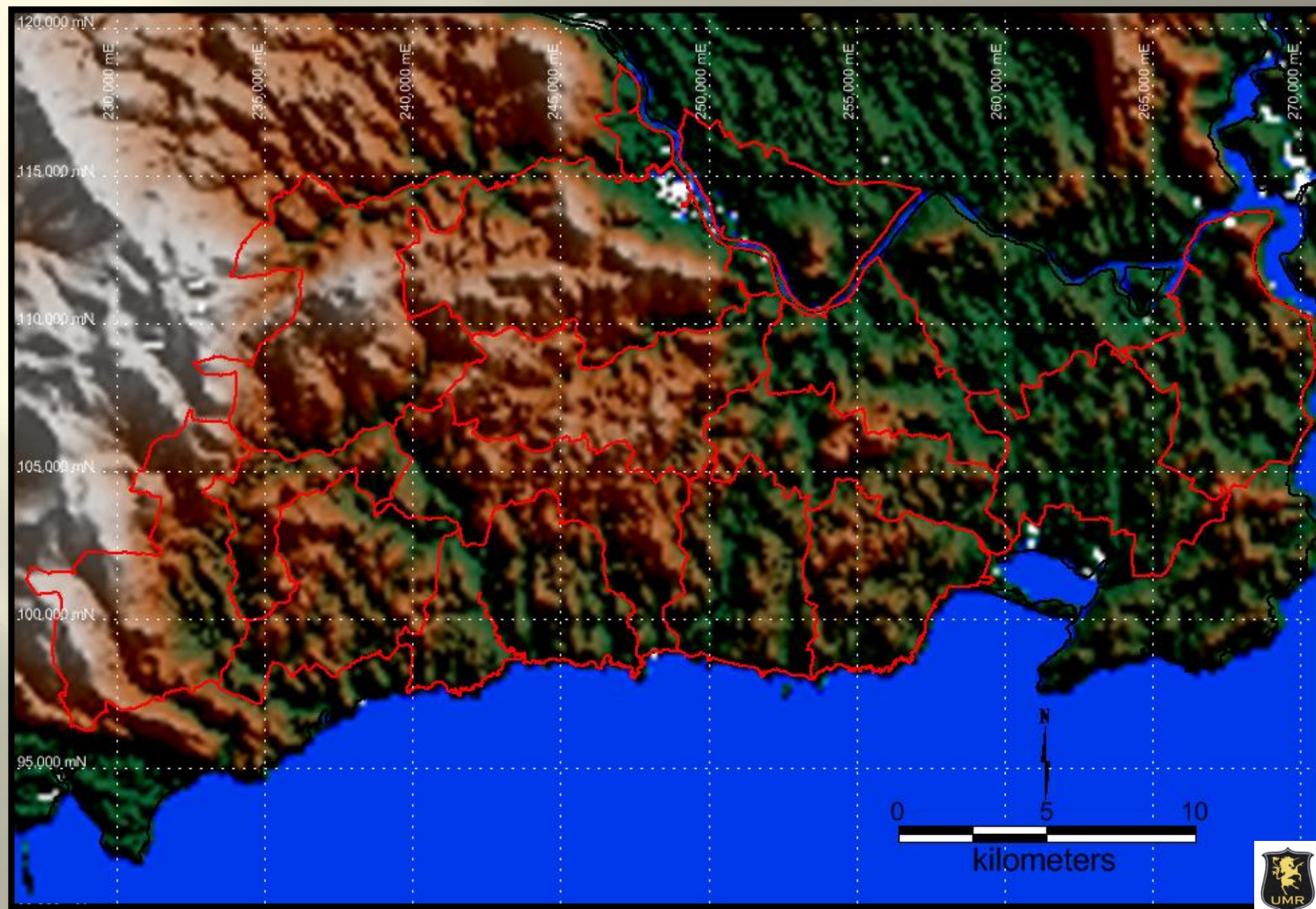
August 2016 Shareholders Update

WWW.UNICORNMINERALRESOURCES.COM

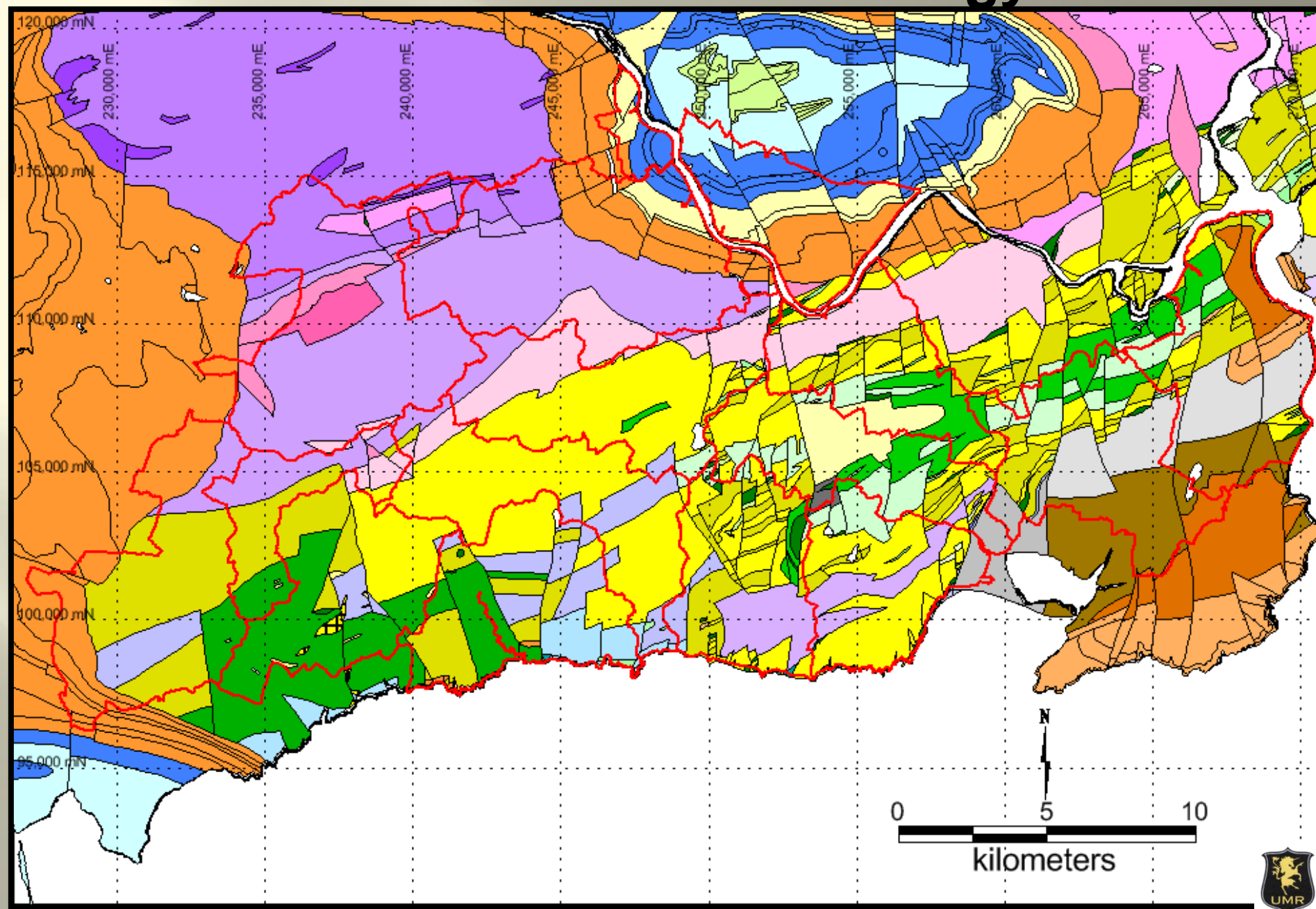
UMR – Ground Holding Aug 2016



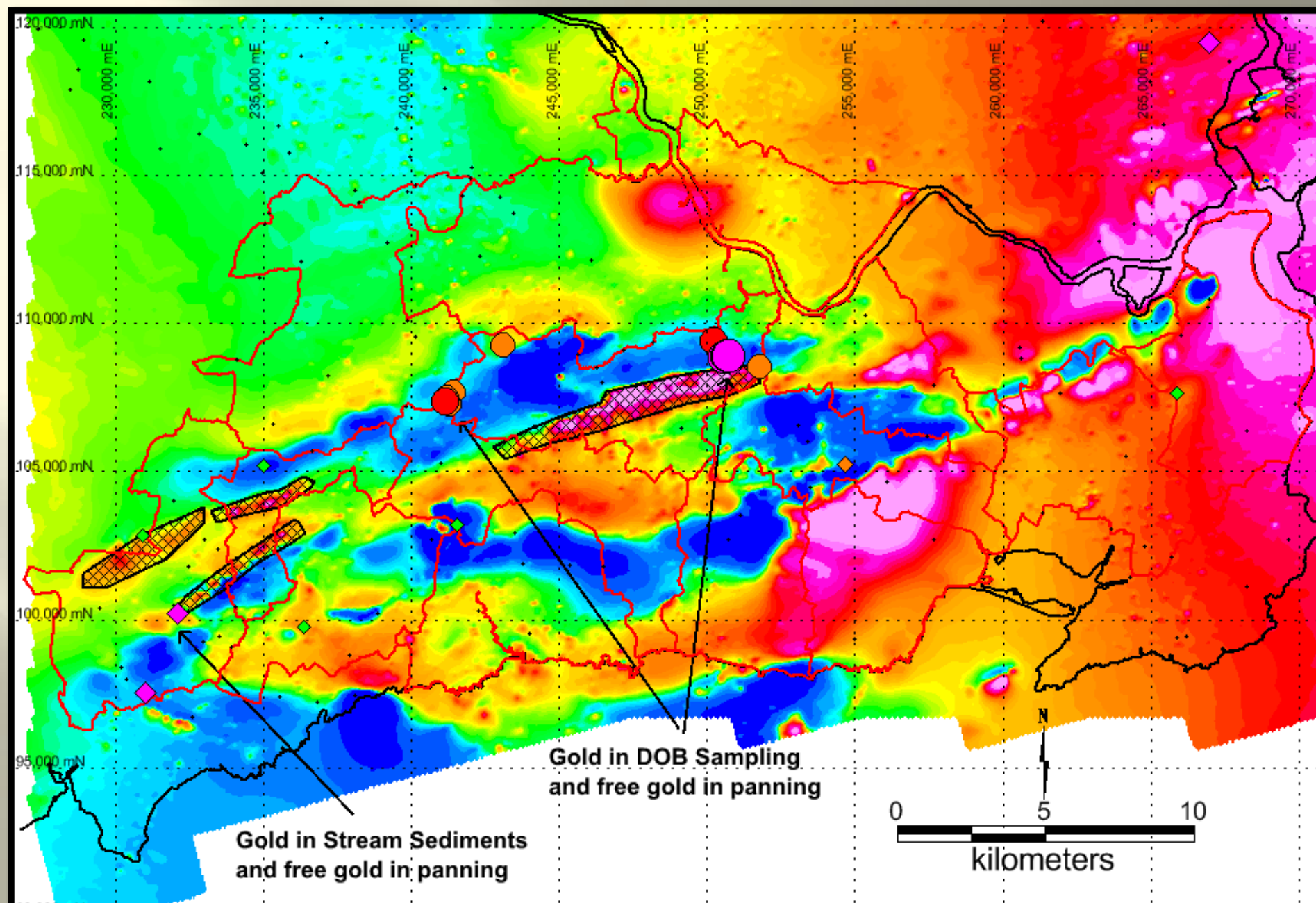
UMR – Waterford



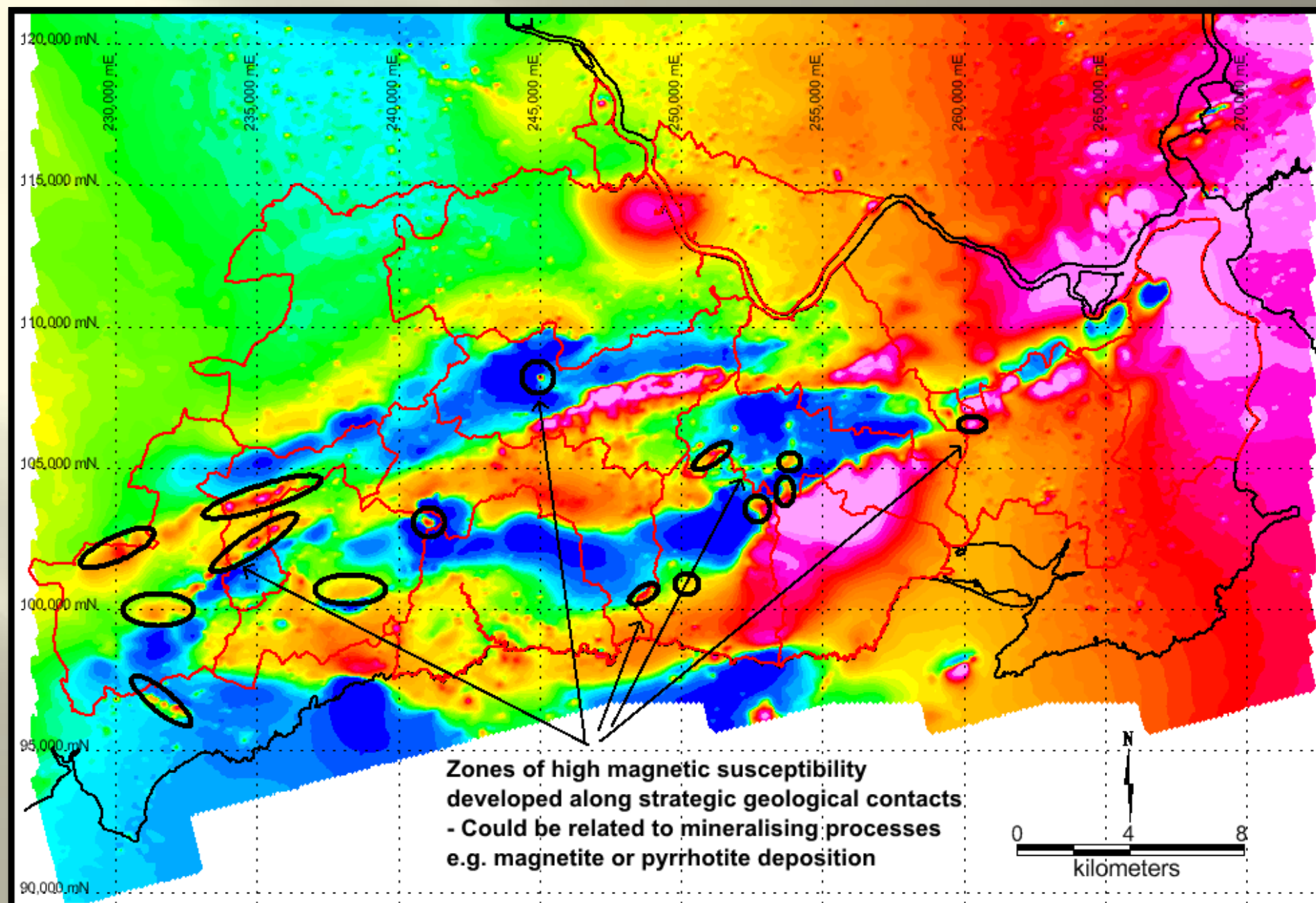
UMR – Waterford Geology



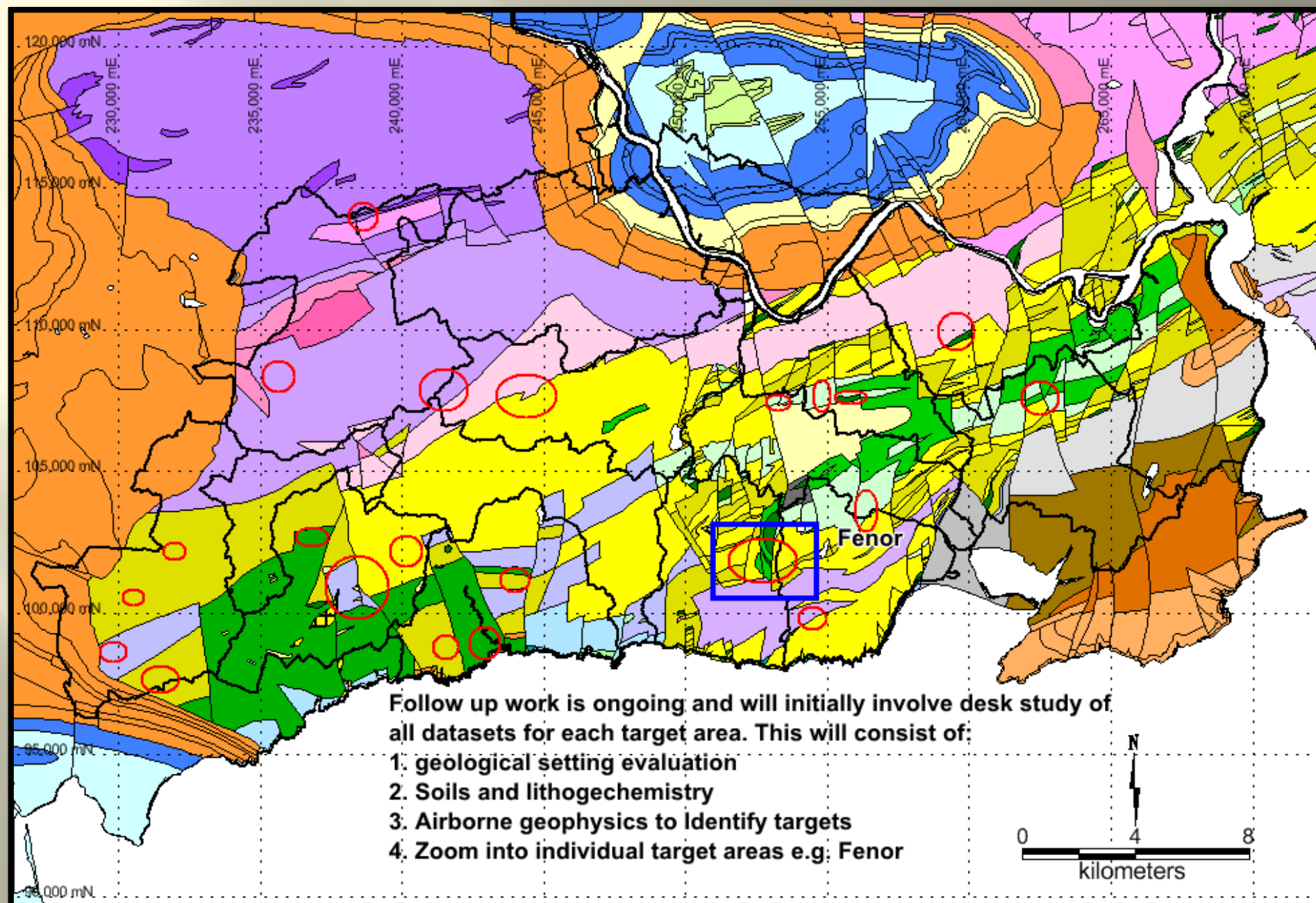
UMR –Airborne Survey Magnetics (reduced to pole)



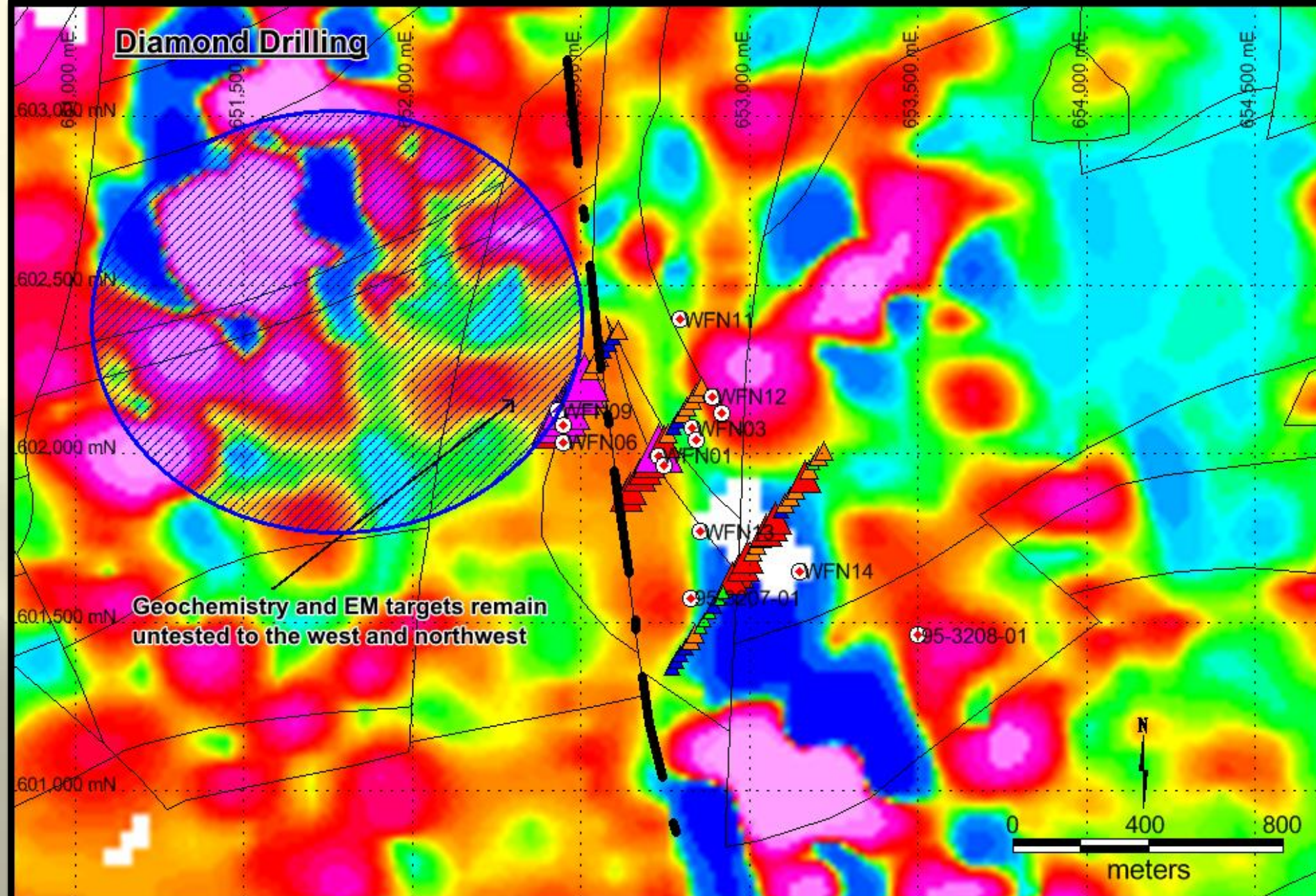
UMR – Magnetics: Preliminary Interpretation



UMR – Waterford Targets Aug 2016



UMR – Fenor Detailed Follow up work



UMR – Waterford

The Waterford Airborne survey and the historic data continue to be refined, modelled and assimilated into UMR's database. The objective is to build a comprehensive target suite for both base metals and gold exploration.

Potential Gold and Base Metal targets identified from preliminary observations

The airborne data is currently being processed which will allow for more accurate interpretation and targeting.

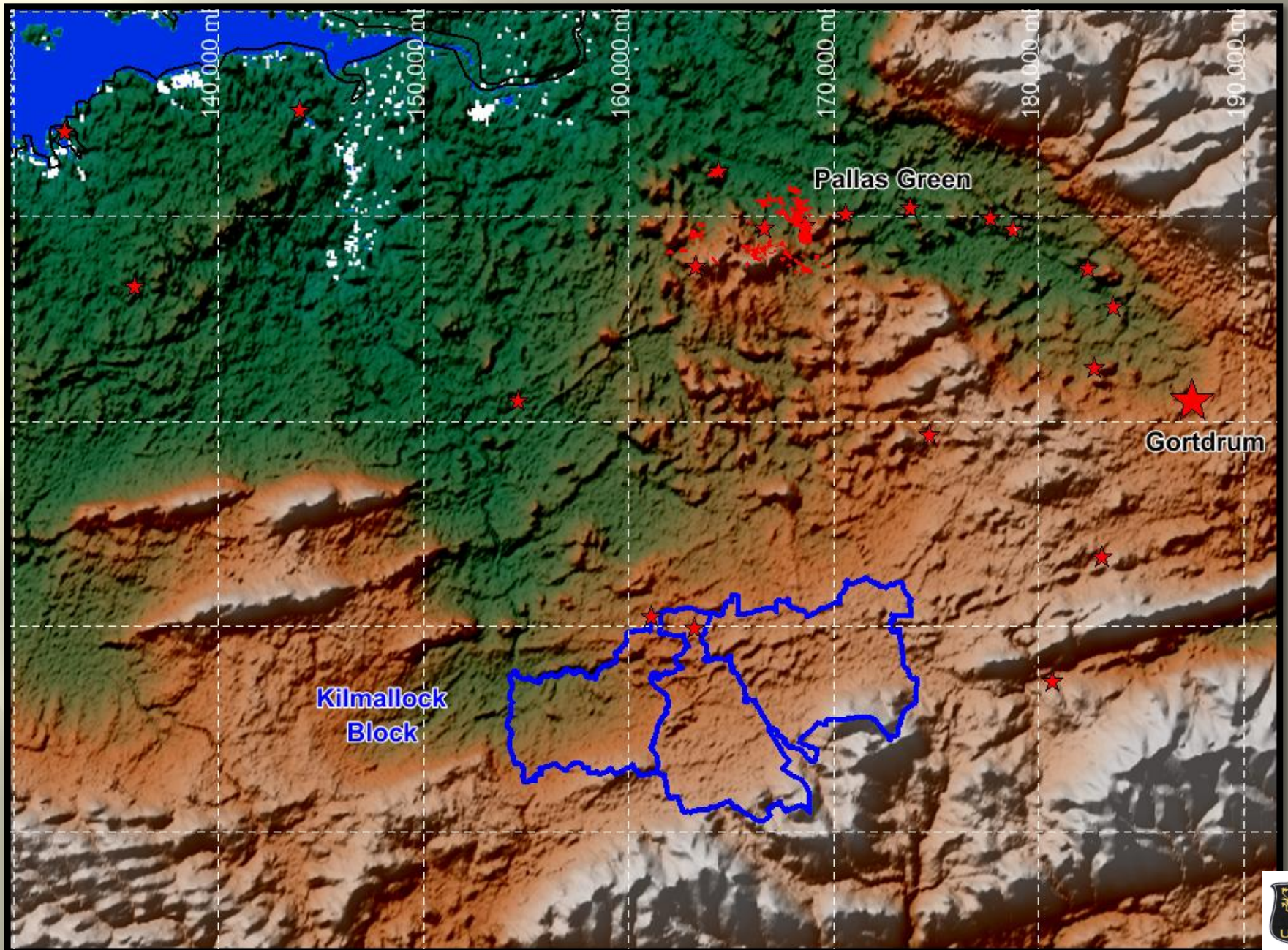
A Canadian “Stacked Layer” system is being employed that will use:

1. Geology
2. Magnetism
3. Electro-magnetics
4. Structural Mapping (DTM, Serial Photos etc...)
5. Soil Geochemistry
6. Lithogeochemistry
7. Deep Overburden Sampling
8. Ground Geophysics
9. Diamond Drilling

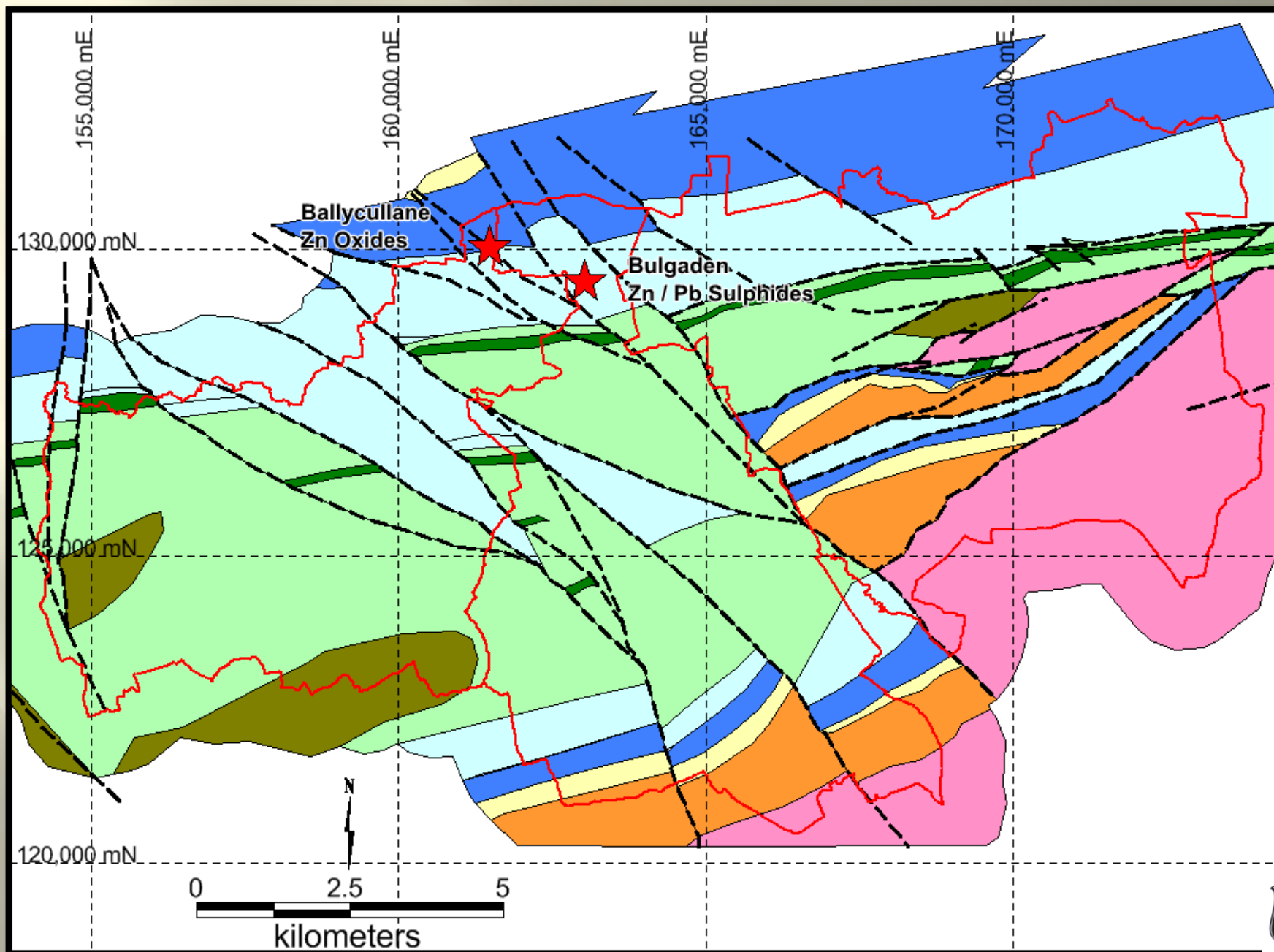
This will allow for the definition of quality targets (Ex: Fenor) and generation of a work proposal designed to bring the project to the next stage and expedite an economic discovery



UMR – Kilmallock



UMR – Kilmallock Geology



UMR – Ballycullane* Results

Project	Hole ID	Thickness	Zn %
Ballycullane	BC1	1.5m	3.50%
Ballycullane	BC3	1.5m	13%
Ballycullane	BC4	5.0m	20%
Ballycullane	BC5	3.0m	11%
Ballycullane	BC6	3.0m	13%

* Secondary oxide mineralisation – probably from an weathered deposit

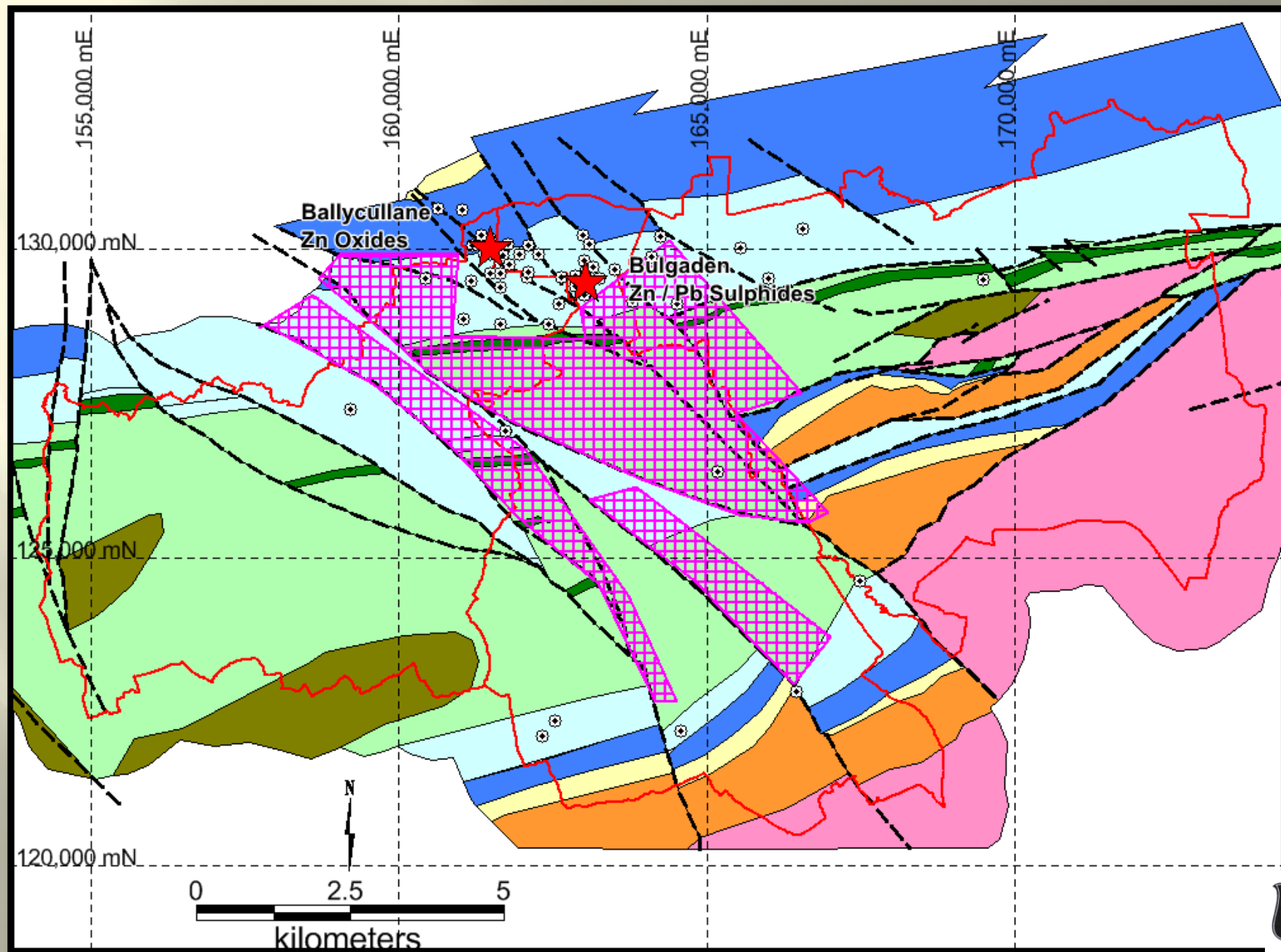
UMR – Bulgaden* Results

Project	Hole ID	Thickness	Zn %	Pb %
Bulgaden	3249-14	2.1m	25.00%	4.00%
Bulgaden	3249-16	6.0m	5.80%	0.50%
Bulgaden	3249-18	2.7m	4.40%	0.60%
Bulgaden	3249-19	5.3m	9.60%	2.10%
Bulgaden	3249-19	3.8m	14.70%	4.80%
Bulgaden	3249-23	1.5m	5.70%	1.20%
Bulgaden	3249-24	3.3m	19.74%	3.30%
Bulgaden	3249-24	3.0m	9.30%	1.80%

* Primary Sulphide Mineralisation



UMR – Preliminary Target Zones



UMR – Kilmallock

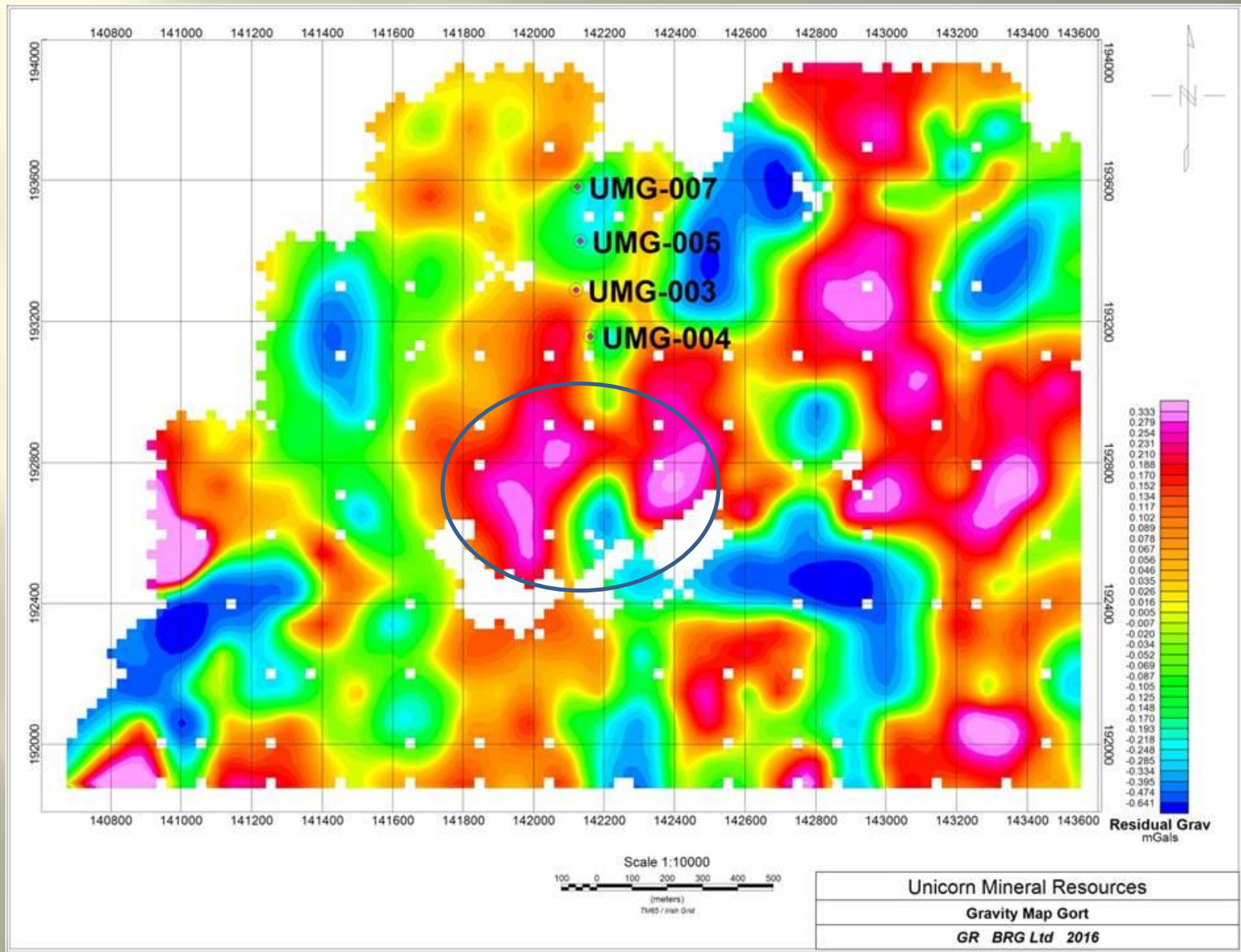
The Kilmallock Block is highly prospective for Irish Type Carbonate hosted Zn / Pb Sulphide Mineralisation.

Work to date has confirmed :

1. A prospective geological setting with well developed Waulsortian Reef (the principal host rock for Irish Type deposits) at shallow depths
2. Located along a major regional basement (Mineralising) trend – the extension of the Rathdowney Trend, which is the basement control at Lisheen and Galmoy
3. Well developed large scale structures that show evidence of movement during the important Lower Carboniferous period and control significant mineralisation / alteration
4. Two zones of base of Waulsortian Reef hosted, high grade massive sulphide mineralisation discovered to date
5. This mineralisation is a direct analogy to Glencore's Pallas Green deposit (44Mt grading 7% Zn / 1% Pb) some 20km to the north
6. There are numerous targets down dip from the high grade mineralisation that remain to be tested
7. Good geological control will allow for rapid and accurate targeting



UMR – Gort Gravity Target Zone



UMR – Gort

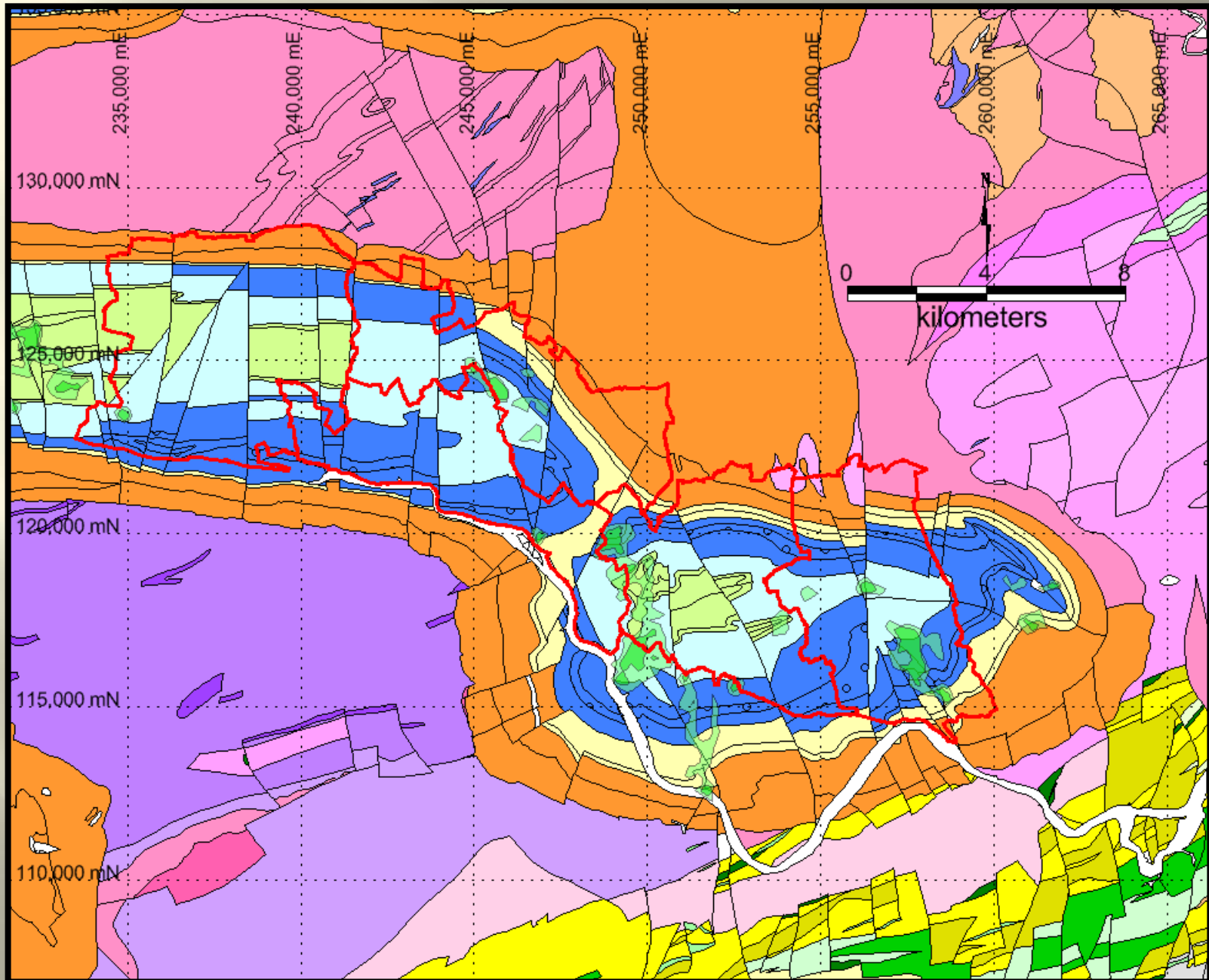
The Gort Block continues to be explored for Irish Type Carbonate hosted Zn / Pb Sulphide Mineralisation.

Work to date has confirmed :

1. A prospective geological setting with better than expected Waulsortian Reef development (the principal host rock for Irish Type deposits)
2. Located along a major regional basement (Mineralising) trend
3. Well developed regional scale structures that show evidence of movement during the important Lower Carboniferous period and host significant mineralisation / alteration
4. Local scale faulting that hosts disseminated pyrite (Iron Sulphide – pyrite is an integral part of Irish Type Massive Sulphide Deposits)
5. Intense local scale alteration of Waulsortian Reef often associated with local scale faulting
6. Lenses of massive pyrite developed within the Waulsortian Reef -
7. A recent gravity survey located in a region with prospective geology, structure and alteration has defined a strong residual anomaly (see previous slide)
8. Unicorn plan to carry out a Pole-Dipole Induced Polarisation geophysical survey to test this anomaly



UMR – Clonmel Block Compilation



UMR – Clonmel

The Clonmel Block is being explored for “Irish Type” Carbonate hosted Zn / Pb Sulphide Mineralisation.

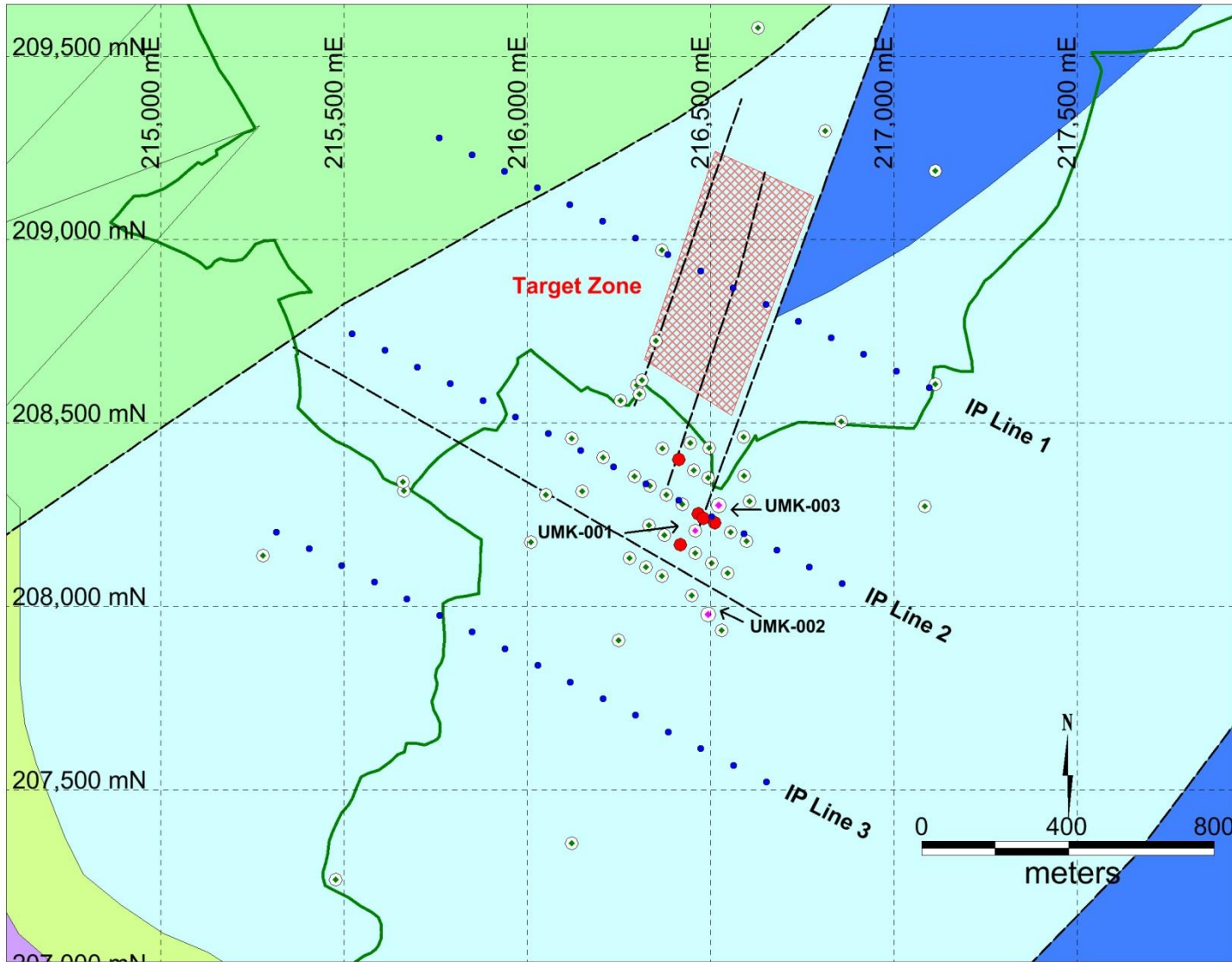
Work to date has confirmed :

1. A prospective geological setting with well developed Waulsortian Reef (the principal host rock for carbonate hosted deposits in the Irish Midlands)
2. Located proximal to a major regional basement (Mineralising) trend
3. Historic and soil and deep overburden geochemical sampling has detected a number of NW-SE trending very strong Zinc / Lead anomalies
4. The geochemical anomalies are coincident with NW striking fault zones

Waterford Airborne survey covered the southern part of Unicorn's Clonmel licences and recently Unicorns team of Geologists carried out a Ground Gravity survey over the Northern part of the licence block. This data is currently being processed and evaluated.



UMR – Kilcormick Block Compilation



UMR – Kilcormick

The Kilcormick Block is being explored for “Irish Type” and “Mississippi Valley Type” Carbonate hosted Zn / Pb Sulphide Mineralisation.

Work to date has confirmed :

1. A prospective geological setting with well developed Waulsortian Reef (the principal host rock for carbonate hosted deposits in the Irish Midlands)
2. Located along a major regional basement (Mineralising) trend – The Navan/Silvermines Trend
3. A basin controlling regional scale fault (The Knockshigownagh Fault Zone) that shows clear evidence of movement during the important Lower Carboniferous period
4. Local scale faulting related to major basin controlling fault that hosts / controls massive pyrite (Iron Sulphide), Sphalerite (Zinc Sulphide) and Galena (Lead Sulphide)
5. Historic and UMR drilling has intersected significant high grade Zinc / Lead mineralisation – The Kinnity Deposit
6. The area to the north and northwest of the Kinnity Deposit remains fundamentally untested by diamond drilling
7. Unicorn carried out wide spaced Pole-Dipole Induced Polarisation (IP) geophysical survey in this area and detected a strong chargeability anomaly – this will be checked by infill IP surveying and diamond drilling if warranted



UMR – Synopsis

Unicorn Mineral Resources is actively exploring for economic mineralisation in a range of commodities, including Zinc, Lead, Copper, Silver and Gold.

Waterford Airborne Survey has already shown up some Targets for Copper and Zinc and Unicorn also see some exciting new Gold targets. This follows Gold being found in streams by our Geologists in last few months and potential sources for this Gold showing up on Airborne survey also carried out in last few months.

Follow up Gravity survey on Unicorn's Gort licence could suggest that a potential ore body exists just a few hundred metres south of where we carried out drilling over the last couple of years. We look forward to testing this area over the next twelve months.

Unicorn was recently awarded new licence in the Kilmallock region where previous drilling produced some high grades.

Unicorn will be presenting at the Prospectors and Developers Association in Canada (PDAC) Conference in Toronto in Canada next March at the Irish Geological Dept presentation day and Unicorn will also be taking a stand at the PDAC show to up the profile of Unicorn in the eyes of the wider mining and exploration companies.



It would appear that we are at the bottom of a commodity cycle and particularly for Unicorn Zinc stocks are at a 5 year low and the price is almost at a 5 year high and predicted to go higher.



UMR – Corporate Strategy

SHARES In ISSUE plus OUTSTANDING OPTIONS : 7.8 Million

Proposal to raise finance to fund additional exploration expenditure following on from Waterford Airborne Survey and additional new licences at Kilmallock.

Directors have committed to 40,000 euros and other shareholders have also committed to an additional 40,000 euros in this regard at 10 cents a share.

Fundraising is open to all existing shareholders at 10 cents a share.

Unicorn Mineral Resources strategy is to advance all our exploration licences between now and our presentation at the PDAC conference in Canada next March in order to benefit shareholders as we position Unicorn for a merger with a well funded listed company or for a Joint Venture resulting in a significant investment by a major mining company to develop Unicorn's assets. An alternative should commodity prices improve significantly over next six months would be for Unicorn to List on either the London AIM market or the Toronto Stock Exchange.

Corporate Contact

Richard O Shea CEO

Email : ros@eircom.net

Mobile : +353 87 2560397

Technical Contact

Dave Blaney Geologist COO

Email : blaneyd@brg.ie

Mobile : +353 87 2796487

<http://unicornmineralresources.com/>

